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THE WORLD BANK

Washington, D.C.

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Archives



1064772

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Research Committee - Volume 1

ISIR # _____

BOX # 2

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**DECLASSIFIED
WITH RESTRICTIONS
WBG Archives**

CLOSED AS AT DECEMBER 31, 1974 - SEE VOLUME II

OFFICE MEMORANDUM

B. King

TO: Mr. Hollis B. Chenery, VP, VPD

DATE: December 3, 1974

FROM: B. B. King, VPD *B. King*SUBJECT: Research Committee

I would be against increasing the size of the Committee at present, especially with more representation from DPS. There is already some suspicion that it is loaded. *afm*

What we should do is:

- (i) Use EPR more for panels (easily arranged).
- (ii) Get EPR reactions to "overviews" when available.
- (iii) Try to have policy papers draw more specific conclusions on research needs, where applicable; if not as part of the paper, at least as a follow-up. For example, the Rural Development paper just produced a shopping-list. I have spoken briefly to Mahbub about this, but maybe more can be done.

cc: Messrs. E. Stern
D. C. Rao*Ben*
I certainly agree.
ABC

NOV 18 1974

OFFICE MEMORANDUM

B. King

TO: Mr. Hollis B. Chenery, VP, Dev. Policy DATE: November 18, 1974

FROM: Ernest Stern, ^{EB} Director, Development Policy

SUBJECT: Research Committee

*add now?
next
vacancy?*

1. I do think you should consider placing someone from EPR on the Research Committee. This would not reduce the need for direct contact with researchers but it would help in strengthening the research-policy link by giving EPR an overview it cannot easily obtain elsewhere. In addition, the Committee might benefit by having someone who has a strong policy focus.

2. On a related subject, I gather that EPR is being added to the Prototype Group. Shourie seems to me technically qualified and having a Program Review input to this work certainly is desirable.

What is your feeling?

EB

OFFICE MEMORANDUM

BBK

TO: Files *BW*

FROM: Barend A. de Vries, Chief Economist, WAN

SUBJECT: Research Committee - Procedures

DATE: October 23, 1974

NA 15 del.

At the Committee's meeting of October 21, mention was made of Mr. Gulhati's evaluation report of project RPO 277 "Financing the Development of Small Scale Industries". In this connection, I asked what were the Committee's procedures for evaluation reports of this kind. It seems to me that an appraisal of a project's final result by some of the potential users or practitioners operating in the project's area could be useful for future planning, defining our objectives and judging the desirability of new projects. This procedure might be especially useful for projects with a potential direct operational relevance, as is the case with financing of small scale industries.

cc - Mr. Chenery
Mr. B. King
Mr. D. C. Rao ✓

Ben I see no harm (indeed some benefit) in asking "users" in the Bank to comment on

- (a) quality of output
- (b) usefulness to Bank/country operations (perhaps specify time horizon)
- (c) suggestions on dissemination of output
- (d) identification of additional research in the area.

BAdeVries:ldb

If you agree, we could start with the SS financing study.

DC
21-24.

OFFICE MEMORANDUM

TO: Members of the Research Committee DATE: October 17, 1974
FROM: D. C. Rao, VPD *guk*
SUBJECT: Meeting of the Research Committee

The papers in this volume are for consideration by the Research Committee at the meeting on October 21, 1974 at 3:00 p.m. in Room E-1201.

The material is presented in three sections:

- (i) Budget Tables: These tables present information regarding the present availability of resources and costs of research proposals submitted for this meeting and forthcoming proposals.
- (ii) Research Proposals: This section contains the research proposals on which financing decisions should be made at this meeting. The Table of Contents lists the proposals, using the categories established in the Board paper on the External Research Program.

Panel recommendations on one of the proposals has not yet been received. It will be distributed as soon as possible.

I am not aware of any research proposals that are forthcoming for financing in FY75.

- (iii) Completion Report: This section contains the Completion Report for the project on "Financing Small-Scale Industries" (RPO 277).

FY74 Results

The aggregate expenditures on external research projects in FY74 were \$1,810,000. A portion of these expenditures are financed out of credits from the previous fiscal year. The amount to be charged against the FY74 budget is \$1,768,800. This exceeds the authorized budget of \$1,745,000 by 1.4%.

The attached tables present the functional and departmental profiles of the expenditures in comparison with previous years.

In comparison with the previous fiscal year, a higher proportion of expenditures in FY74 went to research on income distribution, employment and industry; the share of transportation and general development policy and planning declined correspondingly. In comparison with the last Board paper forecast for FY75-78, the shares of agriculture and rural development, urbanization, population and health were relatively low; those of income distribution, industry, transportation and employment are relatively high. The principal differences between the functional profile of the FY75 authorizations to date and the Board paper forecast are in the areas of agriculture and rural development, urbanization and industry (all much lower); and income distribution and transportation (higher).

Attachments

Original Tables used for Bd. Paper.

TABLE 1

FUNCTIONAL PROFILE OF EXTERNAL RESEARCH PROGRAM

Percentage of Annual Expenditures

| <u>Category</u> | <u>FY72^{1/}</u> | <u>FY73^{1/}</u> | <u>FY74^{1/}</u> | <u>FY75^{2/}</u> | <u>Forecast FY75-78^{3/}</u> (annual average) |
|---|--------------------------|--------------------------|--------------------------|--------------------------|---|
| I. Development Policy & Planning | | | | | |
| A. General Planning | 14.8 | 7.3 | 0.5 | - | 1.0 |
| B. Income Distribution | 2.4 | 7.2 | 16.3 | 20.6 | 14.0 |
| C. Growth/Country Economic Analysis/ Development Strategy | 9.3 | 16.2 | 11.8 | 10.5 | 10.0 |
| Total I | <u>26.5</u> | <u>30.7</u> | <u>28.6</u> | <u>31.1</u> | <u>25.0</u> |
| II. International Trade and Finance | <u>0</u> | <u>1.0</u> | <u>2.9</u> | <u>4.6</u> | <u>4.0</u> |
| III. Agriculture and Rural Development | <u>11.1</u> | <u>18.0</u> | <u>16.6</u> | <u>10.0</u> | <u>20.0</u> |
| IV. Industry | <u>9.1</u> | <u>5.9</u> | <u>13.0</u> | <u>5.2</u> | <u>10.0</u> |
| V. Transportation | <u>39.2</u> | <u>25.1</u> | <u>12.5</u> | <u>18.9</u> | <u>10.0</u> |
| VI. Public Utilities | <u>6.8</u> | <u>8.3</u> | <u>7.4</u> | <u>4.2</u> | <u>5.0</u> |
| VII. Urbanization and Regional Development | <u>4.2</u> | <u>3.4</u> | <u>4.4</u> | <u>4.5</u> | <u>10.0</u> |
| VIII. Population and Human Resources | | | | | |
| A. Education | 1.9 | 2.7 | 3.8 | 4.1 | 5.0 |
| B. Labor/Employment | 0.3 | 4.4 | 8.8 | 7.8 | 5.0 |
| C. Population/Health | 0 | 0.4 | .8 | 5.5 | 5.0 |
| Total VIII | <u>2.2</u> | <u>7.5</u> | <u>13.4</u> | <u>17.4</u> | <u>15.0</u> |
| IX. Other | <u>0.7</u> | <u>0</u> | <u>1.2</u> | <u>4.1</u> | <u>1.0</u> |
| GRAND TOTAL | <u>100.0</u> | <u>100.0</u> | <u>100.0</u> | <u>100.0</u> | <u>100.0</u> |

1/ Based on actual expenditure data.

2/ Based on authorization up to October 16, 1974. Distribution of actual expenditures will differ from the projected figures.

3/ As forecast in Table 2 of the Board paper on Bank Group Research, November 12, 1973.

NOTE: The figures do not exactly add up due to rounding.

October 17, 1974

TABLE 2

DEPARTMENT PROFILE OF EXTERNAL RESEARCH PROGRAM

| | <u>FY73</u> | <u>FY74</u> | <u>FY75</u> ^{1/} |
|--------------------------------------|--------------|--------------|---------------------------|
| I. <u>Development Policy Staff</u> | <u>59.0</u> | <u>69.5</u> | <u>63.2</u> |
| Development Economics | 20.7 | 26.3 | 24.1 |
| Economic Analysis and Projections | 7.8 | 7.0 | 4.6 |
| Development Research Center | 30.5 | 36.2 | 34.5 |
| II. <u>Central Projects Staff</u> | <u>40.6</u> | <u>27.8</u> | <u>30.6</u> |
| Transportation and Urban | 25.9 | 12.3 | 23.2 |
| Public Utilities | 8.3 | 7.4 | 4.2 |
| Agriculture & Rural Development | 4.4 | 2.5 | .4 |
| Education | 2.0 | 2.8 | 2.8 |
| Industrial Projects | - | 2.8 | - |
| III. <u>Region</u> | <u>0.4</u> | <u>1.5</u> | <u>3.4</u> |
| IV. <u>Other</u> | <u>-</u> | <u>1.2</u> | <u>2.8</u> |
| TOTAL | <u>100.0</u> | <u>100.0</u> | <u>100.0</u> |

^{1/} Based on authorizations up to October 16, 1974.

October 17, 1974

OCT 16 1974

OFFICE MEMORANDUM

~~Mr. B. King~~
~~Mr. DC Rao~~

TO: Mr. Hollis B. Chenery

DATE: October 16, 1974

FROM: *E. Lerda*

SUBJECT: Research Committee

Thank you for your invitation to become a member of the
Committee. I will be glad to do so.

cc: Mr. van der Meer
Mr. B. King

OCT 10 1974

OFFICE MEMORANDUM

1. ~~HBC~~
2. ~~DCRao~~
3. BBK, u. 2.6.

TO: Mr. Hollis B. Chenery, VP, Development Policy
FROM: Jean Waelbroeck JW
SUBJECT: Research Committee

DATE: October 10, 1974

I am very honored to be invited to be a member of the Bank's
Research Committee.

I accept this invitation and will do my best to be of service.

JWaelbroeck:aws
cc: Mr. W. Tims

OCT 10 1974

OFFICE MEMORANDUM

1. ~~HBC~~
2. DC Rap
3. SBK
4. File

TO: Mr. Hollis B. Chenery
VP, Development Policy

FROM: Heinz Vergin, Assistant Director, EAPD

SUBJECT: Research Committee

DATE: October 10, 1974

I accept your invitation to serve as a member of the
Bank's Research Committee.

cc: Mr. Bell
Mr. Kirmani

HVergin:ad

OCT 9 1974

OFFICE MEMORANDUM

1. HC
~~2. DC P~~
3. RBK
4. File

TO: Mr. Hollis B. Chenery, VP, Development Policy DATE: October 9, 1974
FROM: Barend A. de Vries, ^{Bfv} Chief Economist, WAN
SUBJECT: Research Committee

I shall be glad to serve as a member of the Bank's
Research Committee.

BAdeVries:ldb

M. Q. R.

Messrs. Adler, Avramovic,
Baneth, Gulhati, Qureshi
Hollis Chenery

October 9, 1974

Research Committee

As you are aware, the composition of the Research Committee changes periodically, both to limit the burden on individual members and to expose more senior staff to the workings of the Committee. We are now moving to a regular rotation in which roughly half of the Committee will be replaced each year. Since you have all served for more than two years, I would like to thank you for your contribution to the work of the Committee and relieve you of this responsibility. I feel that the "founding members" have made an important contribution, and I hope you have found your experience on the Committee rewarding.

cc: Messrs. E. Stern
B. King
D. C. Rao ✓

Research Committee Members

October 8, 1974

D. C. Rao, VPD

Meeting of Research Committee

The next meeting of the Research Committee will be on Monday, October 21, 1974 at 3:00 p.m. in Room E-1201.

The papers will be sent to you next week.

Distribution: Messrs. Chenery, Stern, Balassa, *B. de Vries*
Karaosmanoglu, B. King,
Lerdau, Schulmann, Thalwitz,
van der Tak, Vergin, Waelbroeck,
Yudelman
Mrs. Hughes

cc: Mrs. Hazzah

Mr. Gulhati - Since Mrs. Hughes will not be attending this meeting, Mr. Chenery would like you to attend, if possible.

DCRao:gm

OFFICE MEMORANDUM

Mr. Rao.
B. King
B. King

accepted

DATE: October 8, 1974

TO: Ms. Hughes, Messrs. de Vries, Lerdaу,
Thalwitz, Vergin, Waelbroeck

FROM: Hollis B. Chenery, VP, Development Policy HBC

SUBJECT: Research Committee

1. I would like to invite you to be members of the Bank's Research Committee. Ben King and D.C. Rao have been in touch with you on this matter and have explained the functions of the Committee and the obligations of its members. The membership of the Committee changes periodically and the normal tenure of a member is approximately two years.

2. Could you please indicate to me your willingness to undertake this responsibility. I look forward to your participation in the work of the Committee and hope you will find it rewarding.

3. The continuing members of the Committee are:

| | | |
|----------------------|---|--|
| Benjamin King | - | Office of Vice President Development Policy |
| Bela Balassa | - | Development Research Center |
| Attila Karaosmanoglu | - | Office of Vice President EMENA |
| Herman van der Tak | - | Office of Vice President Projects Staff |
| Montague Yudelman | - | Agriculture and Rural Development |
| Horst Schulmann | - | Programming and Budgeting |

HBC:gss

Mr. Hollis B. Chenery,
Vice President, VPD
D. C. Rao, VPD

October 7, 1974

Research Committee

The attached statement shows the proposed change in the composition of the Research Committee. If you agree, I will prepare letters from you to the new members and invite them to the meeting of the Research Committee on October 21.

Attachment

DCRao:gm

RESEARCH COMMITTEE

Present Members

Chenery
Stern
B. King
Balassa
Karaosmanoglu
Schulmann
van der Tak
Yudelman

New Members

Mrs. Hughes
Lerdau
Thalwitz
Vergin
Waelbroeck

Dropped

H. Adler
Avramovic
Baneth
Gulhati
Qureshi

October 7, 1974

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WBG ARCHIVES

September 18, 1974

CONFIDENTIAL

Mr. Hollis B. Chenery
Vice President, VPD
B. B. King,
Research Adviser, VPD
Research Committee

D.C. and I have consulted five members of the Research Committee and Wouter Tims, on possible candidates for the five proposed vacancies. There was little variation in opinion, so that the recommendations made here represent a near consensus.

Regional slots

We agreed that there should be three regional members to replace the three retiring. My recommendations are on the attached page under "current choice". The first name on each line is the first choice for each place, with one or two alternates. The letters A, B and C serve only to identify the lines; they have no ulterior significance. There are some observations on the choice I would like to make verbally.

A question arises as to the availability of Thalwitz and perhaps Vergin because of workload. Both are on leave. They will be approached (tentatively) as soon as possible.

Other slots

The two obvious candidates are Waelbroeck and Raj Krishna. A problem, unfortunately, arises in the latter's case because of his illness. My recommendation would be to state, in any general announcement, that Ravi Gulhati will serve until December, when his replacement will be announced.

If it should turn out that Raj Krishna is not well enough to take on the job, consideration might be given to adding one more member from CPS. The choice might be between Jaycox and Baldwin.

Attachment

cc: Messrs. Stern
D.C. Rao ✓

BBKing:gm

REGIONAL CANDIDATES

Current choice

- | | <u>1</u> | | <u>2</u> | | <u>3</u> |
|----|---------------------|-----------|-------------------|-----------|------------------------|
| A. | Vergin (E.Asia) | <u>or</u> | Cheetham (E.Asia) | | |
| B. | Lerdau (S.Asia) | <u>or</u> | Holsen (LAC) | | |
| C. | Thalwitz (W.Africa) | <u>or</u> | Holsen (LAC) | <u>or</u> | de Azcarate (W.Africa) |

Possible future choices considered, but rejected this time around

- Hasan (E.Asia)
- Kavalsky (S.Asia)
- Hendry (E.Africa)
- Jansen (W.Africa)

September 18, 1974

CURRENT STATUS (Exc. VPD)

New vintage - stay

Karaosmanoglu (EMENA)

Schulmann (PB)

Yudelman (CPS)

1971 vintage - stay

✓ Balassa (DRC)

✓ van der Tak (CPS)

1971 vintage - possibly change

✓ Adler (EAF)

✓ Avramovic (LAC)

1971 vintage (or other reason) - change

Baneth (SAS)

Gulhati (ECD)

Qureshi (IFC)

CANDIDATES

Three from:

| | |
|---------------|---|
| East Asia | Hasan, Cheetham, <u>Vergin</u> |
| South Asia | <u>Lerdau</u> , Kavalsky, Hansen |
| East Africa | de Weille , <i>Hendry</i> |
| West Africa | <u>Thalwitz</u> , de Azcarate, Jansen |
| Latin America | Holsen, Pfeffermann , Blaxall |

One each:

Hughes or Raj Krishna
Waelbroeck
IFC replacement?

Note: This would increase size by one and have a regional representation of four out of six with not more than one from any region.

Those listed below

September 11, 1974

D. C. Rao, VPD

Submission of Research Proposals

The Research Committee will meet in late October to consider additional research proposals for financing during FY75. This is to inform you that all research proposals for consideration at this meeting should reach me not later than September 27, 1974.

Distribution:

DPS and CPS Department Directors

Chief Economists

Messrs. C. Weiss

J-P. Jallade

M. Selowsky

C. Bruce

R. Sheehan

Michael Cohen

Michaely

DCRao:gm

- (7) Memorandum from Mr. Schulmann dated July 25, subject: "Economic Development and Educational Reform". Insert in binder in Section VIII.a.2 after the research proposal of the same title.
- (8) Memoranda from Mr. Selowsky to Messrs. King and Rao and from Mr. Jallade to Mr. Ballantine. Insert in the section entitled "Forthcoming Proposals" of the binder.

Distribution

Messrs. Chenery, Stern, H. Adler, Avramovic, Balassa, Baneth, Gulhati, Karaosmanoglu, B. King, Qureshi, Schulmann, van der Tak, Yudelman

OFFICE MEMORANDUM

TO: Research Committee Members
FROM: D. C. Rao, VPD *DR*
SUBJECT: Meeting of the Research Committee

DATE: July 24, 1974

The papers in this volume are for consideration by the Research Committee at the meeting on June 29, 1974, at 3:00 p.m. in Room E1201.

The material is presented in three sections:

(i) Budget Tables: These tables present information regarding the present availability of resources and costs of research proposals submitted for this meeting and forthcoming proposals.

The amount of \$1,766,600 which is shown as approved for FY75 in Table 1 includes \$110,000 allocated towards the Urban Traffic Restraint Study in Singapore. We have not as yet had information regarding a contribution from UNEP.

Furthermore, the allocations for ongoing projects in FY75 is still tentative, pending an analysis of actual expenditures and accruals in FY74.

(ii) Research Proposals: This section contains the research proposals on which financing decisions should be made at this meeting. The Table of Contents lists the proposals, using the categories established in the Board paper on the External Research Program.

The proposal on "Foodgrain Production in Asia", deferred from the June meeting, is included in this section. A revised proposal on "Methodology of the Evaluation of Education Attainments: Phase II" has been received and reviewed by a panel. The report on a review of Phase I of this study is also included with the proposal.

Panel recommendations on some of the proposals have not yet been received. They will be distributed to you as soon as possible.

(iii) Forthcoming Proposals: This section lists additional research proposals that are expected later in FY75 and presents available documentation on them.

Distribution:

Messrs. Chenery, Stern, Adler, Avramovic, Balassa, Baneth, Gulhati, Karaosmanoglu, B. King, Qureshi, Schulmann, van der Tak, Yudelman

Research Committee Members

July 15, 1974

D. C. Rao, VPD

Meeting of the Research Committee

There will be a meeting of the Research Committee to consider proposals that have been received for financing in FY75 on Monday, July 29, 1974, at 3:00 p.m., in Room E-1201.

The relevant papers will be sent to you in due course.

Distribution:

Messrs. Chenery
Stern
H. Adler
Avramovic
Balassa
Baneth
Gulhati
Karaosmanoglu
B. King
Qureshi
Schulmann
van der Tak
Yudelman
P. Smith
Mrs. Hazzah

Research Committee Members

July 9, 1974

D. C. Rao, VPD

Research Committee Meeting

A short meeting of the Research Committee will be held on Wednesday, July 10 at 3:00 p.m. in Room E1201. The only item on the agenda is the research proposal "Study of Urban Traffic Restraint (Singapore)", a decision on which was deferred from the last meeting. The revised proposal has already been distributed to you.

The attached tables summarize the current situation on the External Research Budget for FY75.

Attachments

Distribution: Messrs. Chenery
Stern
H. Adler
Avramovic
Balassa
Baneth
Gulhati
Karaosmanoglu
B. King
Qureshi
Schulmann
van der Tak
Yudelman

cc: Mr. P. Smith) with attachments
Mrs. M. Hazzah)

DCRao:gm

TABLE I

FY75 SUMMARY RESOURCE POSITION
(\$ ' 0 0 0)

| | |
|---|----------------------------|
| I. <u>Availability</u> | |
| 1. FY75 Budget (including 9% overprogramming) | <u>2,100.0</u> |
| 2. <u>Less</u> Approvals for FY75 | <u>1,656.6</u> |
| 3. Balance | <u>443.4</u> |
| II. <u>Demand for Funds</u> | |
| 4. Study of Traffic Restraint in Singapore | <u>165.8</u> ^{1/} |
| 5. Other Deferred Proposals | <u>189.7</u> |
| a) Incentives for Manufactured Exports | 22.5 |
| b) Foodgrain Production in Asia | 130.0 |
| c) Methodology for Evaluation of Education Attainment - Phase II | 37.2 |
| 6. Proposals Received | <u>187.5</u> |
| 7. Proposals Forthcoming | <u>247.0</u> |
| 8. Total Demand | <u>790.0</u> |

1/ Of which the UN Environment Program might contribute
\$50,000 - \$75,000.

July 9, 1974

TABLE II

LIST OF PROPOSALS RECEIVED AND FORTHCOMING
(\$'000)

| | |
|--|--------------|
| <u>I. Proposals Received</u> | |
| 1. Prototype Models for Country Analysis | 60.0 |
| 2. Macro Model for Bangladesh | 30.0 |
| 3. Analytics of Change in Rural Countries | 57.0 |
| 4. Urban Regional Sub-Systems in West Malaysia - Phase II | <u>40.5</u> |
| | <u>187.5</u> |
| <u>II. Forthcoming Proposals</u> | |
| 1. Pricing Policy Research in Pakistan | 30.0 |
| 2. Delivery System for the Urban Poor | 25.0 |
| 3. Pricing of Urban Water Supply and Impact on Urban Poor | 35.0 |
| 4. Economic Development and Education Reform | 31.0 |
| 5. School Leaver Tracer System | 30.0 |
| 6. School Achievement Tests and Pupil Special Background | 12.0 |
| 7. ECIEL Proposal: Education in Latin American Economic Development | 30.0 |
| 8. Testing the Screening versus the Human Capital Hypothesis in Education | 14.0 |
| 9. Comparative Study of Rural Industrialization in India and China | <u>40.0</u> |
| | <u>247.0</u> |

July 9, 1974

OFFICE MEMORANDUM

TO: Mr. B. B. King, VPD

FROM: E. Stern, ^{ED} Director, Development Policy

SUBJECT: Membership in Research Committee

DATE: July 3, 1974

Some time ago we discussed changing some members of the Research Committee which had served more than two years. One of these was Jean Baneth. He raised the issue again yesterday and suggested two possible replacements -- John Hansen or Basil Kavalsky. Both are highly recommended, and Mr. Hansen would help to strengthen our project representation. This is the time of year to make changes, so would you look into this please and inform Mr. Baneth whether a change will be made.

There are also other potential changes which D.C. is familiar with and, presumably, the Committee should be expanded to accommodate Asia II.

cc: Messrs. Chenery
Rao

2 + 2
DPS

2
CPS

4
Regions

2
Other

VPD

DRC

ECJ

EPD

VPD

Other

S. Asia

E. Asia

EMEA

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 Aramonic
 Balasa 71
 Baruch
 Gilhate 71
 K.
 Q
 Schuman
 van T
 Yudel
 King 74

71

71

71

72

72

71

73

Research Committee Members

June 13, 1974

D. C. Rao, VPD

Meeting of the Research Committee

This is to confirm that the scheduled meeting of the Research Committee on Friday, June 14, has been cancelled because a number of members expressed inability to attend.

The meeting has been rescheduled for Tuesday, June 18 at 2:30 p.m. in Room E1201.

Distribution

Messrs. Chenery

Stern

H. Adler

Avramovic

Balassa

Baneth

Gulhati

Karaosmanoglu

B. King

DCRao:gm Qureshi
Schulmann
van der Tak
Yudelman

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JUNE 13, 1974

FULL RATE

RESEARCH COMMITTEE MEETING SCHEDULED JUNE 14 CANCELLED

RAO

D. C. Rao
Development Policy Staff

DCRao:gm

Research Committee Members

June 6, 1974

D. C. Rao, VPD

Meetings of Research Committee

The first of the two meetings of the Research Committee, scheduled for June 10 has been cancelled. The revised schedule is:

Wednesday, June 12 at 3:30 p.m.

Friday, June 14 at 3:30 p.m.

The meetings will be held in Room E-1201.

DCRao:gm

74 Res. Com.

TABLE 4

Proposals Submitted for FY75

| <u>Category/Title (RPO No.)</u> | <u>FY75 FY76</u> | | <u>Panel</u> | <u>Priority</u> | | |
|---|------------------|--------------|--------------|-----------------|----------|-----------|
| | <u>(1000)</u> | | | <u>Recom.*/</u> | <u>I</u> | <u>II</u> |
| <u>I. Development Policy and Planning</u> | <u>453.6</u> | <u>121.0</u> | | | | |
| <u>A. General Planning</u> | | | | | | |
| <u>B. Income Distribution</u> | <u>184.2</u> | <u>121.0</u> | | | | |
| 1. Evaluation of Asian Data on Income Distribution I.b.1 | 39.5 | 43.0 | Yes | | | |
| 2. Employment and Income Distribution in Malaysia I.b.2 | 31.0 | 0 | ? | | | |
| 3. Evaluation of Latin American Data on Income Distribution I.b.3 | 41.5 | 0 | Yes | | | |
| 4. Distributive Impact of Public Expenditure I.b.4 | 72.2 | 7.8 | ? | | | |
| <u>C. Growth/Country Economic Analysis/Dev. Strategy</u> | <u>269.4</u> | <u>0</u> | | | | |
| 1. Project Appraisal and Shadow Prices I.c.1 | 30.0 | 0 | ? | | | |
| 2. Patterns of Demand and Savings I.c.2 | 22.5 | 0 | Yes | | | |
| 3. Choice of Technology in Bank Projects I.c.3 | 22.4 | 0 | No | | | |
| 4. Maximizing Usefulness of Household Surveys I.c.4 | 17.5 | 0 | ? | | | |
| 5. International Comparison I.c.5 | 177.0 | 177.0 | ? | | | |

* / "?" represents a panel recommendation that is ambiguous, conditional or not yet finalized.

| Category/Title (RPO No.) | FY75 ('000) | FY76 | Panel Recom.*/ | Priority | | |
|--|-----------------|-------------|-------------------|----------|----|-----|
| | | | | I | II | III |
| <u>II. International Trade & Finance</u> | <u>95.8</u> | <u>50.0</u> | | | | |
| 1. Promotion of non-traditional Exports II.1 | 55.8 | 0 | ? | | | |
| 2. Incentives for Manufactured Exports II.2 | 15.0 | 0 | Yes | | | |
| 3. World Commodity Models II.3 | 25.0 | 50.0 | Yes | | | |
| <u>III. Agriculture & Rural Development</u> | <u>242.0</u> | <u>0</u> | | | | |
| 1. Food Grain Production in Asia III.1 | 130.0 | 0 | No | | | |
| 2. Rural Development in N.E. Brazil III.2 | 92.0 | 0 | Yes | | | |
| 3. Rural Savings and Investment III.3 | 20.0 | 0 | ? | | | |
| <u>IV. Industry</u> | <u>50.2</u> | <u>8.8</u> | | | | |
| 1. Industrial Capacity Utilization IV.1 | 28.2 | 0 | No | | | |
| 2. Patterns of Industrial Development IV.2 | 22.0 | 8.8 | Yes | | | |
| <u>V. Transportation</u> | <u>151.0</u> | <u>60.0</u> | | | | |
| 1. Study of Traffic Restraint in Singapore V.1 | 85.0 | 38.0 | ? | | | |
| 2. Economics of Containerization V.2 | 20.0 | 14.0 | Yes | | | |
| 3. Urban Transport Models V.3 | 14.0 | 0 | No | | | |
| 4. Malagasy Feeder Road V.4 | 32.0 | 8.0 | Yes | | | |
| <u>VI. Public Utilities</u> | <u>90.0</u> | <u>0</u> | | | | |
| 1. Cost Saving in Rural Water Supply and Sanitation VI.1 | 27.0 | 0 | No | | | |

| Category/Title (RPO No.) | FY75 ('000) | FY76 | Panel Recom.*/ | Priority | | |
|--|----------------|--------------|-------------------|----------|----|-----|
| | | | | I | II | III |
| VI. <u>Public Utilities</u> (continued) | | | | | | |
| 2. Village Electrification VI.2 | 13.0 | 0 | ? | | | |
| 3. Public Utility Pricing and Investment VI.3 | 30.0 | 0 | ? | | | |
| 4. Reduction of Waste Water VI.4 | 20.0 | 0 | ? | | | |
| VII. <u>Urban & Regional Development</u> | <u>50.0</u> | <u>24.7</u> | | | | |
| 1. Urbanization Standards for Site & Services Projects VII.1 | 50.0 | 24.7 | ? | | | |
| VIII. <u>Population & Human Resources</u> | <u>211.6</u> | <u>215.4</u> | | | | |
| A. <u>Education</u> | <u>37.2</u> | <u>35.0</u> | | | | |
| 1. Methodology for Evaluation of Education Attainment - Phase II VIII.1 | 37.2 | 35.0 | ? | | | |
| B. <u>Labor/Employment</u> | <u>76.5</u> | <u>103.6</u> | | | | |
| 1. Bombay Labor Market Study VIII.b.1 | 27.0 | 40.0 | Yes | | | |
| 2. Employment Models & Projections VIII.b.2 | 49.5 | 63.6 | ? | | | |
| C. <u>Population/Health</u> | <u>97.9</u> | <u>76.8</u> | | | | |
| 1. Effect of Health & Nutrition Standards on Worker Productivity VIII.c.1 | 47.5 | 47.5 | ? | | | |
| 2. Economic Aspects of Household Fertility Behavior and Labor Supply in N.E. Brazil VIII.c.2 | 50.4 | 29.3 | Yes | | | |
| CAMS | <u>25.0</u> | <u>-</u> | Yes | | | |
| GRAND TOTAL | <u>1,369.2</u> | <u>479.9</u> | | | | |

Mr. M. Qureshi, IFC

May 24, 1974

D. C. Rao, VPD

Panel Recommendation on Research Proposals

I understand that you will be unable to attend either of the meetings of the Research Committee on June 10 and 12. Consequently, it is desirable that your recommendations on the two research proposals reviewed by your panel are spelled out in relatively greater detail. I would also be grateful for an opportunity to discuss the recommendations with you prior to the meeting of the Research Committee.

cc: Mr. Stern

Research Committee Members

May 24, 1974

D. C. Rao, VPD

Meetings of the Research Committee

There will be two meetings of the Research Committee to consider proposals that have been received for financing in FY75 on Monday, June 10 and Wednesday, June 12, at 3:30 p.m., in Room E-1201.

The papers will be sent to you in the next few days.

Distribution:

Messrs. Chenery, VPD
Stern, VPD
H. Adler, EAN
Avramovic, LCN
Balassa, DRC
Baneth, ASN
Gulhati, ECD
Karaosmanoglu, EMN
Bk > Qureshi, IFC
Schulmann, PAB
van der Tak, VPS
Yudelman, AGP
P. Smith
Mrs. Hazzah

J. BANETH
C/O INTBAFRAD
BANGKOK

MAY 21, 1974

LT

THAILAND

RESEARCH COMMITTEE MEETING IN EARLY JUNE STOP REQUIRE YOUR
PANEL RECOMMENDATION ON CAMS REQUEST SOONEST

STERN

E. Stern

Development Policy Staff

DCRao:gm

File Copy

See Distribution Below

April 19, 1974

D. C. Rao

DPS Research Advisory Group

You are invited to attend a meeting of the Research Advisory Group on Monday, May 6, at 3:00 p.m., in Room E-1201. We will discuss the paper: "A Program of Urban Research" prepared by the Urban and Regional Economics Division. Copies of the paper will be sent to you by Mr. Keare's office.

Distribution

DPS Research Advisory Group Members:

Messrs. Chenery, Stern, Ahluwalia, Balassa, Carter,
Hablutzel, T. King, Tims; Mrs. Helen Hughes

Others:

Messrs. Michael Cohen, Dunkerley, Keare, Warford, Yenai

cc and cleared with: Mr. Chenery

DCRao/wg

OFFICE MEMORANDUM

April 18

4 p.m. 1974

Mr. DC-XAO

File Res. Gen.

TO: Mr. Hollis B. Chenery, Vice President, Dev. Pol. DATE: April 17, 1974

FROM: John H. DuLoy, Director, DRC

SUBJECT: DRC Research Program

Attached are two tables which present the size and composition of DRC research projects on a comparable basis for FY 74 and FY 75. Table 1 classifies the projects by completed (in FY 74), continuing, and new projects. Table 2 classifies projects by Division having major responsibility. The issues which could usefully be discussed at the meeting on Thursday include:

- is the portfolio of projects balanced as between projects relevant to the presently perceived interests of the Bank and the longer term perspective? Does it include sufficient projects designed to increase understanding of the development process as opposed to investigating currently pressing issues?

- is the concept of a balanced portfolio accepted by the Research Committee? (the issue here is that it is not sufficient to have an acceptance only in principle, because the criterion of immediate relevance tends to be applied to each individual project through the panel discussion mechanism);

- is the portfolio too large or too small in relation to the in-house staff level?

- are the new departures in the right direction?

- are we meeting the objective of increasing research capability in developing countries through collaborative arrangements?

- and the perennial problem of how to reduce the burden of research administration, which tends to fall most heavily on the best researchers.

cc: Messrs. Stern
Gulhati
Haq
Tims
Balassa
Mrs. Hughes
Ms. Gary
DRC Division Chiefs

/ta

Attachment

Table 1

| RPO # | Title | Authorized FY74 | | Expected Disbursements in FY74 | Total Expected Disbursements thru FY74 | Request FY75 | Prof. m/m FY75 | Division | Staff Responsible |
|----------------------------|--|-----------------|-------|--------------------------------|--|--------------|----------------|----------|--------------------------------------|
| | | Initial | Final | | | | | | |
| Completed Projects | | | | | | | | | |
| 274 | Demand (ECIEL) | 35.0 | 35.0 | 35.0 | 35.0 | | | ID | Ahluwalia |
| 210 | Survey of Planning Models | 10.0 | 10.0 | 10.0 | 37.0 | | | DP | Clark |
| 288 | Indonesia (dropped) | 46.0 | 0.0 | 0.0 | 0.0 | | | DP | Duloy |
| | Sub Total | 91.0 | 45.0 | 45.0 | 72.0 | | | | |
| Continuing Projects | | | | | | | | | |
| 203 | Patterns of Demand & Savings | 48.0 | 48.0 | 48.0 | 80.5 | 15.0** | 18 | ID | Lluch |
| 206 | Influence upon Income Distribution (Adelman) | 52.1 | 52.1 | 52.1 | 148.9 | 15.0 | 0 | ID | Ahluwalia |
| 283 | Income Distribution (ECLA) | 37.5 | 37.5 | 37.5 | 37.5 | 41.5 | 1 | ID | Ullman |
| 284 | Income Distribution (Ranis) | 45.0 | 70.0 | 70.0 | 70.0 | 70.0 | 1 | ID | Ahluwalia |
| 285 | Urban Income Distr. (ECIEL) | 30.0 | 30.0 | 30.0 | 30.0 | 75.0 | 1 | ID | Ahluwalia |
| 294 | Employment & Income Distr. in Malaysia | 20.0 | 15.0 | 15.0 | 15.0 | 30.0 | 10 | ID | Ahluwalia |
| 216 | Mexico | 17.0 | 17.0 | 26.5 | 72.9 | 10.0 | 3 | DP | Norton |
| 269 | Growth & Income Distr. in Brazil | 63.4 | 63.4 | 63.4 | 88.8 | 25.0 | 4 | DP | Clark |
| 273 | N.E. Brazil | 100.0 120 | 131.2 | 131.2 | 172.2 | 92.0 | 28 | DP | Clark/Kutcher/ Scandizzo (Recife) |
| 286 | Prototype 1/ | 20.0 | 5.0 | 5.0 | 5.0 | 70.0** | 18 | DP | Norton |
| 208 | Shadow Prices | 40.0 | 40.0 | 32.0 | 68.2 | 30.0 | 4 | ST | Balassa |
| 223 | Capital-Labor Subst.-Mech. Eng. Ind. | 11.2 | 11.2* | 16.2 | 51.8 | 13.9 | 11 | ST | Whee |
| 224 | Prog. in Mfg. Sect. | 65.0 | 65.0 | 65.0 | 145.2 | 12.5 | 18 | ST | Stoutjesdijk |
| 287 | W. Africa Integration | 35.0 | 35.0 | 25.0 | 25.0 | 56.2 | 9 | ST | Balassa |
| | Sub Total | 584.2 | 620.4 | 616.9 | 1011.0 | 556.1 | 127 | | |
| New Projects | | | | | | | | | |
| | Government Expenditures 2/ | | | | | 65.0 | 5 | ID | Selowsky |
| | Poverty | | | | | 50.0 | 5 | ID | Selowsky |
| | ECAFE | | | | | 39.5 | 2 | ID | Ullman |
| | Rural Development | | | | | 60.0 | 20 | DP | Hazell |
| | Energy Studies | | | | | 35.0** | 10 | ST | Stoutjesdijk |
| | Sub Total | | | | | 249.5 | 42 | | |
| | Grand Total | 675.2 | 665.4 | 661.9 | 1083.0 | 805.6 | 169 | | |

1/ Joint with EAPD

2/ Joint with DED

* An additional \$5,000 will be transferred to this budget from departmental discretionary resources

** Estimate

Table 2

| DIVISION | RPO | Authorized FY'74 | | Exp. Disburse- ments in FY'74 | Request FY'75 | Prof. M/M FY'75 |
|------------------------|---------------------------|------------------|--------------|----------------------------------|------------------|--------------------|
| | | Initial | Final | | | |
| <u>IDD</u> | | | | | | |
| Mainly External | 274 | 35.0 | 35.0 | 35.0 | - | - |
| | 206 | 52.1 | 52.1 | 52.1 | 15.0 | 0 |
| | 283 | 37.5 | 37.5 | 37.5 | 41.5 | 1 |
| | 284 | 45.0 | 70.0 | 70.0 | 70.0 | 1 |
| | 285 | 30.0 | 30.0 | 30.0 | 75.0 | 1 |
| | ECAFE | | | | 39.5 | 2 |
| Sub-total | | 199.6 | 224.6 | 224.6 | 241.0 | 5 |
| Mainly Internal | 203 | 48.0 | 48.0 | 48.0 | 15.0** | 18 |
| | 294 | 20.0 | 15.0 | 15.0 | 30.0 | 10 |
| | 296 Govt. exp. Poverty | - | - | - | 65.0 | 5 |
| | | - | - | - | 50.0 | 5 |
| Sub-total | | 68.0 | 63.0 | 63.0 | 160.0 | 38 |
| TOTAL IDD | | 267.6 | 287.6 | 287.6 | 401.0 | 43 |
| <u>DPD</u> | | | | | | |
| Mainly Internal | 210 | 10.0 | 10.0 | 10.0 | - | - |
| | 288 | 46.0 | 0.0 | 0.0 | - | - |
| | 216 | 17.0 | 17.0 | 26.5 | 10.0 | 3 |
| | 269 | 63.4 | 63.4 | 63.4 | 25.0 | 4 |
| | 273 | 100.0 | 131.2 | 131.2 | 92.0 | 28 |
| | 286 | 20.0 | 5.0 | 5.0 | 70.0** | 18 |
| | Rural Devt. | - | - | - | 60.0 | 20 |
| TOTAL DPD | | 256.4 | 226.6 | 236.1 | 257.0 | 73 |
| <u>STD</u> | | | | | | |
| Mainly Internal | 208 | 40.0 | 40.0 | 32.0 | 30.0 | 4 |
| | 223 | 11.2 | 11.2* | 16.2 | 13.9 | 11 |
| | 224 | 65.0 | 65.0 | 65.0 | 12.5 | 18 |
| | 287 | 35.0 | 35.0 | 25.0 | 56.2 | 9/16 |
| | Energy | - | - | - | 35.0** | 10 |
| TOTAL STD | | 151.2 | 151.2 | 138.2 | 147.6 | 53 |
| <u>Grand Total DRC</u> | | <u>675.2</u> | <u>665.4</u> | <u>661.9</u> | <u>805.6</u> | <u>169</u> |
| Mainly External | | 199.6 | 224.6 | 224.6 | 241.0 | 5 |
| Mainly Internal | | 475.6 | 440.8 | 437.3 | 564.6 | 164 |

For footnotes, see Table 1.

Hollis B. Chenery, Vice President, Development Policy

Evaluation of Research Projects

The following guidelines will apply for the intensive evaluation of selected research projects on completion.

A. Content. The evaluation will have three elements:

- (i) Quality of Output: Does the output meet expectations based on the original research proposal? Has the research problem been redefined or the methodology changed along the way? If the methodology was not clearly specified in the proposal, is the chosen methodology appropriate? With the benefit of hindsight, does the original research proposal still look like something that should have been financed?
- (ii) Implementation: What were the contributions of Bank staff, developed country consultants and LDC institutes/consultants to the research? Where there was some collaboration with LDC institutes, what was the scope of collaboration in research design, collection of data, analysis of data and presentation of results? What would have been the costs/benefits of greater LDC collaboration?
- (iii) Dissemination: Are the results of the research worth disseminating? Who are the potential users in the Bank and elsewhere? What has been done to disseminate the results? What more should be done to make sure that the research results are applied in Bank operations?

B. Procedure

- (i) Selection of Projects: This intensive evaluation should be undertaken only for large and interesting projects so as not to over-burden the members of the Research Committee. An initial selection of 12 research projects has been approved by the Committee at the meeting on March 25. If any member wishes to add to the list, he should contact Mr. Rao.

- (ii) Sub-Committees: A sub-committee of two members of the Research Committee will be responsible for the evaluation. At least one of the members of the sub-committee will be from a department that is not supervising the research project. The members of the sub-committee will prepare a (preferably joint) report to me evaluating the project. Mr. Rao will distribute the report to all members of the Research Committee and put it on the agenda for the next meeting of the Committee.
- (iii) Timing: The evaluation should be done when a draft final report is ready for distribution. Mr. Rao will keep in touch with the research project supervisors and alert the evaluation sub-committees at the appropriate time. Adequate notice will be given for study of the report by the evaluation sub-committees.
- (iv) Form: The form of the evaluation will be decided by the two sub-committee members in consultation with the project supervisor. In general, there should be a seminar with one or two discussants who will comment on the research report. The project supervisor should invite the Executive Directors to the seminars (through the Secretary's Office). Where necessary, LDC collaborators may also be invited to participate in the seminar. Following the seminar, it may be desirable for the sub-committee to have a small meeting with the project supervisor and relevant department director. Mr. Rao will be available to assist the sub-committee in making the necessary arrangements.
- (v) Finance: In most cases, the cost of the evaluation will be absorbed within the project's budget. In special cases (e.g., where an LDC collaborator is invited), it may be necessary to apply for supplementary finance. Such requests should be forwarded to Mr. Rao.

cc: Mr. D. C. Rao
Mrs. Mona Hazzah

DCRao/wg

File Copy

Messrs. Tims, Cauas, Gulhati, Weiss,
Shamser Singh, Ms. Yudin

March 25, 1974

D. C. Rao

Research on "The International Economic Order"

You might be interested to know that The Ford Foundation intends to provide \$1 million in support of research with the theme: The International Economic Order. The attached documents provide details of the scheme. If you wish to present any research proposals in this area, please let me know.

Attachments

DCRao/wg

Ford Foundation Grant For Research On
"The Future of the International Economic Order"

The Ford Foundation has publicized its intention to give \$1 million in support of research on the theme of "The International Economic Order".

The availability of this money from Ford Foundation presents an opportunity for joint financing which we will pursue as and when research proposals are presented to the Research Committee in this area.

The theme of this research effort has been exhaustively surveyed in a recent book */ which has an introduction by Mr. Fred Bergsten of the Brookings Institution and contributions by a number of authors. At Mr. Schulmann's suggestion, I have examined the book looking for ideas about research priorities. My conclusion is basically negative. Let me first highlight what the book is about and then say why I reach a negative conclusion.

As the title suggests, the book is about international economic and political relations: our understanding of the structural factors determining them, recent phenomena that tend to disturb the system, and how countries might adjust to these disturbances. The book identifies twelve priority issues and classifies them as:

(a) new:

- (i) role of labor in international economic relations,
- (ii) impact of international economics on world politics,
- (iii) magnitude of energy flows,
- (iv) effects of environmental management;

(b) to be looked at in new ways:

- (v) basic theoretical precepts underlying international economic policy,
- (vi) role of developing countries in the world economy,
- (vii) East-West economic relations in a world of detente,
- (viii) management of the international economic situation in a world of three major power centers;

*/
C. Fred Bergsten: "The Future of the International Economic Order: An Agenda for Research". Lexington, Mass., D.C. Heath, 1973 (357 pages)

(c) not new but which still pose a variety of critical unanswered questions:

- (ix) international monetary relations,
- (x) international trade,
- (xi) international investment,
- (xii) coordination of national economic policies.

The focus of the book is not on LDCs. The above issues primarily concern relations between the developed countries. But they also affect LDCs because:

- (a) LDCs have a direct stake in international trade and investment flows,
- (b) the stability of the international trade and monetary system affect LDC welfare.

Further, the Ford Foundation (which financed this book) has also financed a similar investigation of the issue of unemployment in LDCs. There is, however, a chapter on "The Developing Countries in a Changing International Order: A Survey of Research Needs". The chapter identifies ten components of the international economic order that bear on the development of the poor countries and suggests a number of research topics under each heading:

- (i) trade
- (ii) monetary relations
- (iii) investment
- (iv) the transfer of science and technology
- (v) international public or publicly guaranteed debt
- (vi) private money markets
- (vii) governmental and private aid programs
- (viii) an international regime for the use of the oceans
- (ix) the international protection of the environment
- (x) migration, including the "brain drain".

The list of research topics could be useful in stimulating researchers looking for fairly well-defined researchable topics. However, I doubt that it is helpful in determining research priorities for two reasons:

- (a) the book is explicitly about only one aspect of LDC problems; while it can stimulate thought about what it claims is a neglected area of research, it cannot help in evaluating this area against other areas of research;

- (b) there is no attempt in the book to establish priorities within the subject of "International economic order". The chapter reads rather like a shopping list. Some of the suggested research topics are highly specific (e.g., providing trade data in categories such as shipping, insurance, technology and tourism); and some are highly abstract (e.g., the extent to which Western values, goods and methods have dominated development policies and scholarly work in the developing countries).

Any evaluation of specific research suggestions is bound to be highly subjective, and I see no point in attempting it. I will, however, bring the book to the attention of some interested researchers.

It may be worth mentioning a couple of general points made in this book.

In its "action recommendations" on LDC research, the authors place first priority on "support for scholarly work on the international economic order by developing country scholars" both in individual countries and by groups of countries. Out of 100 institutions that responded to a questionnaire on research, only 25 were in LDCs and only 14 of them were undertaking any research on the international economic order. The authors found that multilateral institutions placed little emphasis on research into the poor countries' access to developed country markets and development education in developed economies.

The book also makes a strong plea for interdisciplinary research (pages 46-53), recommending teams of scholars drawn from different disciplines.

D.C.R.

*Rao-file
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Research Committee

OFFICE MEMORANDUM

TO: Research Committee Members

DATE: March 14, 1974

FROM: D. C. Rao *ak*

SUBJECT: Meeting of Research Committee

The next meeting of the Research Committee will be held
on Monday, March 25, at 2:30 p.m. in Room C 410.

OFFICE MEMORANDUM

TO: Research Committee Members

DATE: February 26, 1974

FROM: D. C. Rao *DR*SUBJECT: Evaluation of Projects

The last meeting of the Research Committee considered a list of projects to be reviewed during FY75. (A copy of the list is attached.) It was agreed that sub-committees would be formed for the reviews. Would you please indicate on the attached list with which project reviews you wish to be associated and return the list to me. Please note that the expected completion dates have been shown as indicated on the status reports, and there may be some slippage.

Research Committee Members:

Messrs. Chenery, Stern, Adler, Avramovic, Balassa, Baneth,
Gulhati, Karaosmanoglu, Qureshi, Schulmann, van der
Tak, Yudelman

LIST OF PROJECTS FOR REVIEW IN FY75

| <u>RPO</u> | <u>Title (Staff Member - Department)</u> | <u>Total Cost (est.)</u> \$'000 | <u>Expected Completion Date</u> |
|------------|--|------------------------------------|---------------------------------|
| 201 | Development Strategies in Semi-Industrial Countries (Balassa - DRC) | 121 | Completed |
| 223 | Capital Labor Substitution in Mechanical Engineering Industry (Rhee - DRC) | 84 | I/1974 |
| 275 | Public Works Program (Hofmeister - ECD) | 101 | I/1974 |
| 218 293 | Africa Rural Development) (Lele - ECD) Lilongwe Land Development) | 173 | I/1974 |
| 238 | Village Electrification (Anderson - PBP) | 178 | I/1974 |
| 203 | Demand and Savings (Lluch - DRC) | 81 | II/1974 |
| 216 | Agriculture in Mexico (Norton - DRC) | 45 | II/1974 |
| 269 | Growth and Income Distribution, Brazil (Clark - DRC) | 85 | III/1974 |
| 295 | Industrial Capacity Utilization (Hughes - ECD) | 33 | III/1974 |
| 225 | Industrial Capacity Utilization - Latin American Countries (Moore - NDP) | 50 | III/1974 |
| 214 | Agricultural Mechanization in India (Duane - AGP) | 45 | III/1974 |
| 206 | Influences on Income Distribution, Korea (Adelman - DRC) | 195 | IV/1974 |
| 268 | International Comparison (Yudin - EPD) | 225 | Ongoing |
| 284 | Growth, Employment and Size Distribution of Income (Ahluwalia - DRC) | 250 | Ongoing |

Ra Res. Com. file

February 6, 1974

DRAFT FOR MR. STERN'S COMMENT AT THE
RESEARCH COMMITTEE MEETING

Mr. Segal's Proposal

Mr. Segal has expressed an interest in doing some empirical research on the choice of technology and the process and consequences of technical change in the oilseeds and leather processing industries in India. He proposes to conduct the study while based in an academic institution in the U.K. with field work in India and Europe (to interview importers of Indian products, obtain technical developments, etc.).

The precise focus of the study is still unclear, as is the extent to which institutions in India will collaborate in the research. I would, however, like to have the Committee's views on whether we should encourage Mr. Segal to develop his research proposal for submission to the Committee, and whether any conditions should be specified. If the extent of local collaboration is small (e.g., restricted to data collection without being involved in research design) would the Research Committee consider this sufficient grounds for rejecting the proposal?

D. C. Rao

OFFICE MEMORANDUM

TO: Research Committee Members

FROM: D. C. Rao

SUBJECT: External Research Budget - Mid-Year Review

DATE: January 31, 1974

1. The second quarter status reports show that project monitors expect to disburse about the entire authorized sum in FY74, including the over-programming component. Table 1 shows that:

- (a) The authorization figure now stands at \$1,981.5, 13.2% over the budget of \$1,750.0. At the beginning of this fiscal year we had intended to authorize up to \$2,000.0 to compensate for an anticipated increase in slippage.
- (b) Project monitors expect to disburse \$1,963.7 in FY74. 69% of this has been disbursed or represents signed commitments; 20% is firmly committed and 11% (\$240.4) is tentatively committed.
- (c) Anticipated disbursements exceed the FY74 budget by \$213.7. This will have to be covered by slippage of expenditures to FY75.

2. The extremely tight budget situation is also reflected in the Controller's statements for end-December (which really reflect the situation as of a couple of weeks earlier). At mid-year, disbursed and committed funds represented 74.8% of the budget. This level was reached last year at the end of March.

3. We have begun to identify potential savings, but it is clear that no further authorizations, for new projects or cost over-runs, are feasible in FY74. After we complete review of individual project budgets to assess slippage possibilities, we will advise project monitors as to appropriate action. Meanwhile all project monitors will be advised that no cost over-runs will be covered. Two projects have far exceeded the budget, without prior authorization: RPO216, Agricultural Sector in Mexico, and RPO205, Cross-Section Analysis. In both cases we may have to charge the over-runs to the Departmental budgets.

4. Project RPO288, Agriculture in Indonesia, has been cancelled, reducing authorizations by \$20,000. No commitments have been made for RPO286, Prototype Models, and it may be possible to postpone part of these expenditures until FY75.

5. The attached Table 2 presents detailed information on each project as provided in the second quarter status reports.

Research Committee Members:

Messrs. Chenery, Stern, Adler, Avramovic, Balassa, Baneth,
Gulhati, Karaosmanoglu, Qureshi, Schulmann, van der Tak,
Yudelman

Cleared with: Mr. Stern
cc: Mr. P. Smith
Ms. Hazzah

Table 1: EXTERNAL RESEARCH BUDGET - SUMMARY MID-YEAR ESTIMATES FY74
(\$'000)

| | Authori- zation ^{1/} | Disbursements ^{2/} | | Est. Total | Unutilized Authori- zation |
|--|----------------------------------|-----------------------------|-------------------|----------------|----------------------------------|
| | | As of end Dec. | Est. Jan.-June | | |
| DPS ^{3/} | 1,364.8 | 442.1 | 934.2 | 1,376.3 | -11.5 |
| CPS ^{4/} | 696.6 | 181.6 | 485.7 | 667.3 | 29.3 |
| Region (Asia) | 26.5 | 26.5 | - | 26.5 | - |
| Other ^{5/} | 25.0 | 11.5 | 13.5 | 25.0 | - |
| <u>Total</u> | <u>2,112.9</u> | <u>661.7</u> | <u>1,433.4</u> | <u>2,095.1</u> | <u>17.8</u> |
| Less special authorizations ^{6/} | 131.4 | | | 131.4 | |
| Net | 1,981.5 | | | 1,963.7 | 17.8 |
| Initial Budget | 1,750.0 | | | 1,750.0 | |
| Deficit | | | | 213.7 | |

1/ As of January 31, 1974.

2/ As reported on second quarter status reports.

3/ Including \$21,400 contributed by NORAD and DANIDA to RPO268 (International Comparison Project).

4/ Including \$110,000 authorized out of President's contingency fund to RPO226 (Labor Substitution in Construction).

5/ Country Concentration Studies and Bellagio Conference on Research.

6/ As detailed in footnotes 3 and 4 above.

Table 2: RESEARCH COMMITTEE BUDGET FY74 - MID-YEAR ESTIMATES
(U.S. \$'000)

| Title | Authori- zation FY74 (1) | Disbursements FY74 | | | | | FY74 Total (7)=(6+2) | Unutilized Authori- zation (8)=(1-7) | |
|---|--|-----------------------------|--------------------------------|--------------|------------------|----------------------|----------------------------|---|---------------|
| | | As of Dec.31 1973 (2) | July 1973 - June 1974 Estimate | | | Total (6)=(3+4+5) | | | |
| | | | Signed (3) | Firm (4) | Tentative (5) | | | | |
| I. DEVELOPMENT POLICY STAFF | | | | | | | | | |
| A. DRC | | | | | | | | | |
| 203 | Patterns of Demand and Savings in the Develop- ment Process | 48.0 | 13.1 | .5 | 20.0 | 14.2 | 34.7 | 47.8 | + .2 |
| 206 | Short-Run and Long-Run Influences upon Income Distribution | 52.1 | 23.0 | 27.4 | - | 1.7 | 29.1 | 52.1 | 0 |
| 208 | Studies on Shadow Pricing | 40.0 | 13.9 | 10.0 | 3.0 | 2.0 | 15.0 | 28.9 | + 11.1 |
| 210 | Survey of Economy-Wide Planning Models | 10.0 | 7.8 | 2.7 | - | - | 2.7 | 10.5 | - .5 |
| 216 | Agricultural Sector in Mexico | 17.0 | 19.7 | 3.6 | 7.0 | - | 10.6 | 30.3 | - 13.3 |
| 223 | Capital-Labor Substitution in the Mechanical Engineering Industry | 11.2 | 9.4 | 2.0 | - | 2.0 | 4.0 | 13.4 | - 2.2 |
| 224 | Programming in the Manufacturing Sector | 65.0 | 31.5 | 24.6 | 6.5 | 2.5 | 33.6 | 65.1 | - .1 |
| 269 | Growth and Income Distribution in Brazil | 63.4 | 10.7 | 40.5 | 12.3 | - | 52.8 | 63.5 | - .1 |
| 273 | Northeast Brazil Regional Studies | 131.2 | 80.1 | 38.1 | 7.5 | 5.5 | 51.1 | 131.2 | 0 |
| 274 | Income and Consumption (ECIEL) | 35.0 | 30.0 | 5.0 | - | - | 5.0 | 35.0 | 0 |
| 283 | Evaluation of Latin American Data | 37.5 | 13.0 | 11.8 | - | 12.8 | 24.6 | 37.6 | - .1 |
| 284 | Growth, Employment and Size Distribution | 70.0 | 35.0 | 35.0 | - | - | 35.0 | 70.0 | 0 |
| 285 | Urban Income Distribution in Latin America | 30.0 | 10.0 | 20.0 | - | - | 20.0 | 30.0 | 0 |
| 286 | Country Prototype Models | 20.0 | - | - | - | 20.0 | 20.0 | 20.0 | 0 |
| 287 | Industrial Policies - West Africa | 35.0 | 3.2 | 12.3 | 1.0 | 16.0 | 29.3 | 32.5 | + 2.5 |
| 288 | Agricultural Sector in Indonesia | 20.0 | - | - | - | 20.0 | 20.0 | 20.0 | 0 |
| 294 | Employment and Income Distribution in Malaysia | 15.0 | 6.5 | - | 7.2 | 1.0 | 8.2 | 14.7 | + .3 |
| | DRC Total | 700.4 | 306.9 | 233.5 | 64.5 | 97.7 | 395.7 | 702.6 | - 2.2 |
| B. ECD | | | | | | | | | |
| (1) Urban and Regional Economics | | | | | | | | | |
| 241 | Urban Data Needs of the IBRD | 11.0 | - | 6.0 | - | 5.0 | 11.0 | 11.0 | 0 |
| 270 | Urban Public Finance | 34.2 | 15.9 | 12.2 | - | 6.0 | 18.2 | 34.1 | + .1 |
| 290 | Urban Labor Market | 28.7 | 14.3 | 11.7 | - | 2.8 | 14.5 | 28.8 | - .1 |
| 297 | Sub-systems in West Malaysia | 31.0 | .2 | 13.7 | - | 17.1 | 30.8 | 31.0 | 0 |
| 298 | Urban Land Use Policies: Taxation and Control | 22.0 | - | 14.8 | - | 7.2 | 22.0 | 22.0 | 0 |
| | Sub-total | 126.9 | 30.4 | 58.4 | - | 38.1 | 96.5 | 126.9 | 0 |
| (2) Economics of Industry | | | | | | | | | |
| 277 | Financing Small-Scale Industries | 35.0 | 4.6 | 29.3 | - | - | 29.3 | 33.9 | + 1.1 |
| 295 | Capacity Utilization | 33.4 | 11.3 | 18.0 | 3.0 | 1.0 | 22.0 | 33.3 | + .1 |
| | Sub-total | 68.4 | 15.9 | 47.3 | 3.0 | 1.0 | 51.3 | 67.2 | + 1.2 |
| (3) Public Finance | | | | | | | | | |
| 296 | Distributive Impact of Public Expenditures | 40.0 | .1 | 3.0 | - | 36.9 | 39.9 | 40.0 | 0 |
| (4) Population and Human Resources | | | | | | | | | |
| 243 | Labor Market in Malaysia | 28.0 | 1.8 | 5.8 | 21.3 | - | 27.1 | 28.9 | - .9 |
| 245 | Unemployment, Labor Force Participation & Income | 29.0 | .2 | 2.2 | 25.6 | 1.0 | 28.8 | 29.0 | 0 |
| 275 | Public Works Study | 101.0 | 32.0 | 69.0 | - | - | 69.0 | 101.0 | 0 |
| 291 | Benefits of Schooling | 29.0 | 6.6 | 10.0 | - | 12.4 | 22.4 | 29.0 | 0 |
| 299 | Household Fertility | 1.0 | - | 6.4 | 2.1 | 6.5 | 15.0 | 15.0 | 0 |
| | Sub-total | 202.0 | 40.6 | 93.4 | 49.0 | 19.9 | 162.3 | 202.9 | - .9 |
| (5) Rural Development | | | | | | | | | |
| 218 | Africa Rural Development Study | 4.3 | 3.4 | .9 | - | - | .9 | 4.3 | 0 |
| 280 | Land Reform Strategies in Latin America | 43.3 | 11.3 | 4.5 | 25.7 | 1.9 | 32.1 | 43.4 | - .1 |
| 289 | Smallholder Agriculture | 35.7 | 8.7 | 12.6 | 8.8 | 5.5 | 26.9 | 35.6 | + .1 |
| 293 | Lilongwe Land Development | 23.4 | 7.5 | 10.0 | - | 5.5 | 15.5 | 23.0 | + .4 |
| | Sub-total | 106.7 | 30.9 | 28.0 | 34.5 | 12.9 | 75.4 | 106.3 | + .4 |
| | ECD Total | 544.0 | 117.9 | 230.1 | 86.5 | 108.8 | 425.4 | 543.3 | + .7 |
| C. EPD | | | | | | | | | |
| 205 | Cross-Section Analysis of Development Processes | 4.0 | 10.3 | 1.0 | 2.6 | 1.0 | 4.6 | 14.9 | - 10.9 |
| 268 | International Comparison Project | 86.4 | 1.7 | 84.9 | - | - | 84.9 | 86.6 | - .2 |
| 281 | Cocoa Production | 25.0 | 2.8 | 14.3 | 4.2 | 2.9 | 21.4 | 24.2 | + .8 |
| 282 | Inflation and Commodity Prices | 5.0 | 2.5 | 2.2 | - | - | 2.2 | 4.7 | + .3 |
| | EPD Total | 120.4 | 17.3 | 102.4 | 6.8 | 3.9 | 113.1 | 130.4 | - 10.0 |
| | DPS TOTAL | 1,364.8 | 442.1 | 566.0 | 157.8 | 210.4 | 934.2 | 1,376.3 | - 11.5 |

Table C. RESEARCH COMMITTEE BUDGET FY74 - MID-YEAR ESTIMATES (Continued)
(U.S. \$'000)

| No. | Title | Authori- zation FY74 (1) | As of Dec.31 1973 (2) | Disbursements FY74 | | | | FY74 Total (7)=(6+2) | Unutilized Authori- zation (8)=(1-7) |
|---|---|-----------------------------------|-----------------------------|--------------------------------|--------------|------------------|----------------------|----------------------------|---|
| | | | | July 1973 - June 1974 Estimate | | | | | |
| | | | | Signed (3) | Firm (4) | Tentative (5) | Total (6)=(3+4+5) | | |
| II. REGIONS (ASIA) | | | | | | | | | |
| 279 | Interrelated Economic Development of East and Southeast Asia in the Coming Decade | 26.5 | 26.5 | - | - | - | - | 26.5 | 0 |
| | <u>REGIONS TOTAL</u> | <u>26.5</u> | <u>26.5</u> | - | - | - | - | <u>26.5</u> | |
| III. CENTRAL PROJECTS STAFF | | | | | | | | | |
| A. Agriculture & Rural Development | | | | | | | | | |
| 213 | Alternative Sector Models | 11.5 | 10.3 | - | - | 1.3 | 1.3 | 11.6 | - .1 |
| 214 | Agriculture Mechanization Study: India | <u>38.1</u> | <u>23.7</u> | <u>7.5</u> | - | - | <u>7.5</u> | <u>31.2</u> | <u>+ 6.9</u> |
| | Sub-total | 49.6 | 34.0 | 7.5 | - | 1.3 | 8.8 | 42.8 | + 6.8 |
| B. Public Utilities | | | | | | | | | |
| 238 | Village Electrification | 80.0 | 31.8 | - | 48.2 | - | 48.2 | 80.0 | 0 |
| 239 | Pricing & Investment in Electricity Supply | 17.0 | 6.0 | 7.0 | 4.0 | - | 11.0 | 17.0 | 0 |
| 267 | Standards of Urban Electricity Distribution | 28.0 | 3.0 | 25.0 | - | - | 25.0 | 28.0 | 0 |
| 276 | Telecommunications | <u>14.0</u> | <u>7.8</u> | <u>5.5</u> | - | <u>.8</u> | <u>6.3</u> | <u>14.1</u> | <u>- .1</u> |
| | Sub-total | 139.0 | 48.6 | 37.5 | 52.2 | .8 | 90.5 | 139.1 | - .1 |
| C. Industrial Projects | | | | | | | | | |
| 225 | Transition from One to Two Shifts in Industry | 50.0 | 37.5 | 12.5 | - | - | 12.5 | 50.0 | 0 |
| D. Education | | | | | | | | | |
| 244 | Student Loan Schemes | 18.0 | - | 18.0 | - | - | 18.0 | 18.0 | 0 |
| 246 | Cost Effectiveness of Alternative Learning Techniques | 8.0 | - | - | 10.0 | 2.6 | 12.6 | 12.6 /2 | - 4.6 |
| 278 | Project Evaluation Method | <u>55.0</u> | - | <u>25.0</u> | - | - | <u>25.0</u> | <u>25.0 /3</u> | <u>+ 30.0</u> |
| | Sub-total | 81.0 | - | 43.0 | 10.0 | 2.6 | 55.6 | 55.6 | + 25.4 |
| E. Transportation | | | | | | | | | |
| 226 | Substitution of Labor | 240.0 /4 | 43.3 | 86.7 | 106.0 | 4.0 | 196.7 | 240.0 | 0 |
| 227 | Highway Design | 105.0 | 8.9 | 14.2 | 80.0 | 1.9 | 96.1 | 105.0 | 0 |
| 228 | Measurement of Road Width/Vehicle Speed Relationships | 1.7 | - | 1.9 | - | - | 1.9 | 1.9 | - .2 |
| 229 | Yemen Arab Republic Feeder Roads | 25.3 | 8.9 | 8.4 | 6.7 | 6.0 | 21.1 | 30.0 | - 4.7 |
| 232 | Compilation of Highway Design Standards | 2.0 | .4 | - | - | .5 | .5 | .9 | + 1.1 |
| 271 | Ethiopia Feeder Roads | <u>3.0</u> | - | - | - | <u>2.0</u> | <u>2.0</u> | <u>2.0</u> | <u>+ 1.0</u> |
| | Sub-total | 377.0 | 61.5 | 111.2 | 192.7 | 14.4 | 318.3 | 379.8 | - 2.8 |
| | <u>CPS TOTAL</u> | <u>696.6</u> | <u>181.6</u> | <u>211.7</u> | <u>254.9</u> | <u>19.1</u> | <u>485.7</u> | <u>667.3</u> | <u>+ 29.3</u> |
| IV. OTHER | | | | | | | | | |
| 292 | Bellagio Conference | 15.0 | 9.9 | 1.8 | - | 3.3 | 5.1 | 15.0 | 0 |
| 301 | Country Concentration | <u>10.0</u> | <u>1.6</u> | <u>0.8</u> | - | <u>7.6</u> | <u>8.4</u> | <u>10.0</u> | 0 |
| | <u>TOTAL OTHER</u> | <u>25.0</u> | <u>11.5</u> | <u>2.6</u> | - | <u>10.9</u> | <u>13.5</u> | <u>25.0</u> | |
| | <u>GRAND TOTAL</u> | <u>2,112.9</u> | <u>661.7</u> | <u>780.3</u> | <u>412.7</u> | <u>240.4</u> | <u>1,433.4</u> | <u>2,095.1</u> | <u>+ 17.8</u> |

1/ Includes \$10,000 from DANIDA and \$11,400 from NORAD.

2/ \$4,600 carryover from FY73.

3/ Only Phase I. Phase II is allocated \$30,000 of the total authorization of \$55,000.

4/ Includes \$110,000 authorized from President's contingency fund.

Source: Second Quarter Status Reports.

January 31, 1974

FUNCTIONAL PROFILE OF EXTERNAL RESEARCH BUDGET

| Category | FY74/ ¹ | | Forecast FY75 | |
|---|-----------------------------|--------------------------|----------------|--------------|
| | \$'000 | % | \$'000 | \$ |
| I. <u>Development Policy & Planning</u> | <u>530.0</u> | <u>26.8</u> | <u>540.0</u> | <u>25.7</u> |
| (a) General Planning | 10.0 | .5 | 20.0 | 1.0 |
| (b) Income Distribution | 268.0 | 13.5 | 300.0 | 14.3 |
| (c) Growth/Country Economic Analysis/Development Strategy | 252.0/ ² | 12.7/ ² | 220.0 | 10.5 |
| II. <u>International Trade & Finance</u> | <u>56.5</u> | <u>2.8</u> | <u>80.0</u> | <u>3.8</u> |
| III. <u>Agriculture & Rural Development</u> | <u>324.5</u> | <u>16.4</u> | <u>400.0</u> | <u>19.0</u> |
| IV. <u>Industry</u> | <u>229.6</u> | <u>11.6</u> | <u>150.0</u> | <u>7.1</u> |
| V. <u>Transportation</u> | <u>267.0/³</u> | <u>13.5/³</u> | <u>265.0</u> | <u>12.6</u> |
| VI. <u>Public Utilities</u> | <u>139.0</u> | <u>7.0</u> | <u>150.0</u> | <u>7.1</u> |
| VII. <u>Urbanization and Regional Development</u> | <u>98.2</u> | <u>4.9</u> | <u>150.0</u> | <u>7.1</u> |
| VIII. <u>Population & Human Resources</u> | <u>311.7</u> | <u>15.7</u> | <u>325.0</u> | <u>15.5</u> |
| (a) Education | 110.0 | 5.5 | 100.0 | 4.8 |
| (b) Labor/Employment | 186.7 | 9.4 | 100.0 | 4.8 |
| (c) Population/Health | 15.0 | .7 | 125.0 | 4.8 |
| IX. <u>Other</u> | <u>25.0</u> | <u>1.3</u> | <u>40.0</u> | <u>1.9</u> |
| <u>Total</u> | <u>1,981.5/⁴</u> | <u>100.0</u> | <u>2,100.0</u> | <u>100.0</u> |

¹/ Based on authorization as of January 31, 1974.

²/ Excluding \$11,400 and \$10,000 contributed by NORAD and DANIDA for RPO268.

³/ Excluding \$110,000 authorized from President's contingency fund for RPO226.

⁴/ Excluding \$131,400 detailed in footnotes 2 and 3 above.

OFFICE MEMORANDUM

TO: Members of the Research Committee DATE: January 24, 1974

FROM: D. C. Rao, *DR*

SUBJECT: Activities of the Research Committee in 1974

The following is an attempt to convey what will probably be the main activities of the Committee in the next 12 months, specifying dates where possible. This note is intended to be a basis for discussion at the meeting on February 7.

I. Approval of new projects

There will be a meeting on Thursday, March 21, at 3.30 p.m. The tentative agenda for this meeting is:

- (a) To consider broad outline of research portfolio for FY75, taking account of ongoing projects and advance notice of submissions in FY75.
- (b) To consider first batch of FY75 proposals (if any have been received by that date) and make preliminary judgments.
- (c) To review specific ongoing/completed projects (see below).

The main batch of FY75 proposals will be considered during meetings on Wednesday, June 5, Friday, June 7, and Monday, June 10, at 3.30 p.m. on each occasion. Kindly keep these time slots free, although the third meeting might turn out to be unnecessary.

II. Evaluation of ongoing/completed projects

I have tentatively selected 15 projects, as per the attached list, for review during the next 12 months. Thirteen of these are scheduled to be completed during calendar 1974 or have already been completed. Two others are major ongoing projects for which we anticipate FY75 financing without receiving new proposals.

The timing and the precise mode of review of these projects is as yet undecided, but will include written evaluation of the project's output by a panel of staff members, possibly a seminar and also possibly evaluation by outside academic referees and concerned governments.

Completion reports for other projects will be distributed to committee members on a routine basis. If you wish to discuss any of them at a committee meeting, please let me know.

III. Sector Research Strategies

Research strategies are being prepared for population, education, and urban sector research. They will be scheduled for discussion by the committee when they are ready.

IV. Annual report to Executive Directors

The Board is scheduled to discuss the External Research Program again in December this year. A draft will be sent to the committee by the end of October.

Research Committee Members:

Messrs. Chenery, Stern, Adler, Avramovic, Balassa, Baneth,
Gulhati, Karaosmanoglu, Qureshi, Schulmann,
van der Tak, Yudelman

cc: Mr. P. Smith
Ms. Hazzah

LIST OF PROJECTS FOR REVIEW IN FY75

| <u>RPO</u> | <u>Title (Staff Member - Department)</u> | <u>Total Cost (est.) \$'000</u> | <u>Expected Completion Date</u> |
|------------|--|---|---|
| 201 | Development Strategies in Semi-Industrial Countries (Balassa - DRC) | 121 | Completed |
| 223 | Capital Labor Substitution in Mechanical Engineering Industry (Rhee - DRC) | 84 | I/1974 |
| 275 | Public Works Program (Hofmeister - ECD) | 101 | I/1974 |
| 218 293 | Africa Rural Development) Lilongwe Land Development) (Lele - ECD) | 173 | I/1974 |
| 238 | Village Electrification (Anderson - PBP) | 178 | I/1974 |
| 203 | Demand and Savings (Lluch - DRC) | 81 | II/1974 |
| 216 | Agriculture in Mexico (Norton - DRC) | 45 | II/1974 |
| 269 | Growth and Income Distribution, Brazil (Clark - DRC) | 85 | III/1974 |
| 295 | Industrial Capacity Utilization (Hughes - ECD) | 33 | III/1974 |
| 225 | Industrial Capacity Utilization - Latin American Countries (Moore - NDP) | 50 | III/1974 |
| 214 | Agricultural Mechanization in India (Duane - AGP) | 45 | III/1974 |
| 206 | Influences on Income Distribution, Korea (Adelman - DRC) | 195 | IV/1974 |
| 268 | International Comparison (Yudin - EPD) | 225 | Ongoing |
| 284 | Growth, Employment and Size Distribution of Income (Ahluwalia - DRC) | 250 | Ongoing |

Research Committee Members

January 22, 1974

D. C. Rao

Research Committee Meeting

The meeting of the Research Committee previously scheduled to be held on Wednesday, February 6, will now be held on Thursday, February 7, at 3.30 p.m. in Conference Room B. The agenda for the meeting remains unchanged and is:

- (1) FY74 mid-year review.
- (2) Budget request for FY75.
- (3) Program of activities for the next six months.
- (4) Research project on population growth and rural poverty.
- (5) Reactions to Board discussion of External Research Program.

Research Committee Members:

Messrs. Chenery, Stern, Adler, Avramovic, Balassa, Baneth, Gulhati, Karaosmanoglu, Qureshi, Schulmann, van der Tak, Yudelman

cc: Mr. P. Smith
Mrs. Hazzah

hl

OFFICE MEMORANDUM

TO: Research Committee Members
FROM: D. C. Rao *DR*
SUBJECT: Research Committee Meeting

DATE: January 16, 1974

There will be a meeting of the Research Committee on Wednesday, February 6, at 2.30 p.m. in Conference Room B.

We will discuss:

- (1) FY74 mid-year review.
- (2) Budget request for FY75.
- (3) Program of activities for the next six months.
- (4) Research project on population growth and rural poverty.
- (5) Reactions to Board discussion of External Research Program.

Research Committee Members:

Messrs. Chenery, Stern, Adler, Avramovic, Balassa, Baneth,
Gulhati, Karaosmanoglu, Qureshi, Schulmann,
van der Tak, Yudelman

cc: Mr. P. Smith
Mrs. Hazzah

OFFICE MEMORANDUM

TO: Members of the Research Committee DATE: December 13, 1973
FROM: D. C. Rao, VPD
SUBJECT: Executive Directors' Suggestions on Research Priorities

At the Board discussion of the external research program on December 4, the Executive Directors had various thoughts on research priorities. I have extracted these suggestions from the transcript of the discussion and attach them for your information. You may wish to discuss some of the points at the next meeting of the Research Committee.

Attachment



Record Removal Notice



| | | | | |
|--|--------------------------------------|--|---|----------------------------------|
| File Title Research Committee - Volume 1 | | Barcode No. 1064772 | | |
| Document Date 04 December, 1974 | Document Type Board Record | | | |
| Correspondents / Participants | | | | |
| Subject / Title Executive Director's Views on Bank Research Priorities (Extracted from Board Discussion on December 4, 1973) | | | | |
| Exception(s) | | | | |
| Additional Comments Declassification review of this record may be initiated upon request. | | <p>The item(s) identified above has/have been removed in accordance with The World Bank Policy on Access to Information or other disclosure policies of the World Bank Group.</p> <table border="1"><tr><td>Withdrawn by Sherrine M. Thompson</td><td>Date December 28, 2017</td></tr></table> | Withdrawn by Sherrine M. Thompson | Date December 28, 2017 |
| Withdrawn by Sherrine M. Thompson | Date December 28, 2017 | | | |

R Comm

Messrs. Ray/Smith, VPD

October 26, 1973

Ernest Stern, Senior Adviser, VPD

Research Committee Meetings

For future meetings of the Research Committee let's make sure of the following:

- (a) that I receive before the meeting a list of expected attendees. If a panel chairman is expected to be absent, please meet with him in advance so that we will know more of his views than is in the usual memorandum.
- (b) that no projects are forwarded to panels which do not contain detailed budget estimates.
- (c) that you review those estimates in advance.
- (d) that, where appropriate, a page be added to projects listing previously approved related projects.

cc: Mr. Chenery

EStern/lm

Mr. M. Yudelman, Director, AGP

October 23, 1973

Hollis B. Chenery, VP, Development Policy

Membership in Research Committee

I am most pleased that you were able to agree to serve as a member of the Bank Research Committee. This appointment is for a year, through August 1974, but our practice is to have members serve a second year if it is feasible. Mr. Stern can provide you with any background information on our procedures and existing portfolio.

cc: Mr. Stern

EStern/lm

Research Committee Members

Date they joined the RC: (all approximate dates)

| | |
|----------------------|----------------------|
| Chenery | May 1, 1971 |
| Stern | February, 1972 |
| H. Adler | Summer of 1971 |
| Avramovic | May 1, 1971 |
| Balassa | May 1, 1971 |
| Baneth | May 1, 1971 |
| Gulhati | May 1, 1971 |
| Karaosmanoglu | November, 1972 |
| Kuczynski | May, 1972 |
| Qureshi | March 15, 1972 |
| Schulmann | May, 1972 |
| Van der Tak | November, 1971 |
| <i>Yudelman</i> | <i>October, 1973</i> |

OFFICE MEMORANDUM

TO: Research Committee Members

FROM: Paul E. Smith, VPD

SUBJECT: Research Committee Meeting

DATE: October 8, 1973

There will be a Research Committee meeting on ^{Tuesday} ~~Wednesday~~,
October 24²³, at 3:00 p.m. in Conference Room B, to discuss
the remaining research proposals for FY74. The research
proposals along with the review panels' recommendations
will be sent to you by October 16.

Research Committee Members: Messrs. Chenery
Stern
Adler
Avramovic
Balassa
Baneth
Gulhati
Karaosmanoglu
Qureshi
Schulmann
van der Tak

RESEARCH COMMITTEE MEETING

Agenda
July 5, 1973

1. Budgetary situation.
2. Research proposals
 - a) Deferred proposal (No. 12)
 - b) July Submissions
 - i) proposals No. 1, 7 (review panel chairman, Mr. Qureshi).
 - ii) proposals No. 2, 3 (review panel chairman, Mr. Kuczynski)
 - iii) proposals No. 4, 5, 6 (review panel chairman, Mr. Karaosmanoglu).
 - c) Supplementary allocation: For projects RPO 273, 284, 288.
3. Discussion of evaluation system for completed Research Projects.

OFFICE MEMORANDUM

TO: Research Committee Members

DATE: June 26, 1973

FROM: A. Ray, VPD *AR*SUBJECT: Evaluation of Completed Research Projects

The Committee agreed last year to institute a system of evaluation for completed research projects. We have not, however, discussed in any detail the forms that such evaluation might take or the extent to which the Committee would wish to be involved in the process. This memo is intended to provide a basis for discussion of these issues on July 5.

The twenty-seven research projects listed in Table 1 are either expected to result in final drafts shortly or have already done so. The process of post-evaluation has been initiated with the introduction of Completion Report Forms, which provide summary project data, and evaluations by project sponsors (a few copies are attached).

The routine distribution of these Forms to you, together with copies of project output, is a minimal information requirement. The issue is what more should be done to evaluate the quality of projects or to determine the appropriate dissemination of the successful projects.

From this point of view, the factors that would be involved in an evaluation of a project's final draft would be:

- i) quality of output in terms of its expected pay off to intended users, both inside and outside the Bank, and the appropriate form of its distribution and dissemination.
- ii) the identification of further research problems that the project brings out.
- iii) consistency of the output with the terms of reference to the consultants, and with the approved work program of the study as a whole.
- iv) implementation factors:
 - supervision time;
 - nature and extent of collaboration with outside research institutes, and problems encountered, if any;
 - quality of consultants;
 - quality of Bank staff participating in the project.

The following steps might be considered for the evaluation process:

- (a) a report to the Committee from the Secretary, based on the Completion Report Forms;
- (b) a background paper by the project sponsor describing the principal results and summarizing issues described in the previous paragraph;
- (c) a review seminar on the results, including the principal intended users in the Bank;
- (d) the use of outside referees (written evaluation or participation in seminars?).

Whereas the first two steps might be implemented for all projects for the sake of uniformity, the arrangement of special review seminars should be followed more selectively. In any case, Committee members are usually invited to the seminars which project sponsors themselves arrange at the present time. The Committee might, therefore, wish to restrict the use of steps (c) and (d) to projects costing more than, say, \$60,000 as a general but not inflexible rule.

The effect of alternative cut-off levels on the number of necessary review seminars is shown in Table 3. This is based on the lists in Table 1 and 2, allowing a one-quarter lag between expected completion of final drafts and review seminars.

Attachments 3 Tables + Completion Rpt. for RPO 21, 19, 15, 48, 12
Research Committee Members: Messrs.

Chenery
Stern
Adler
Avramovic
Balassa
Baneth
Gulhati
Karaosmanoglu
Kuczynski
Qureshi
Schulmann
van der Tak

Table 1

Projects Scheduled for Completion in FY73

| | | <u>Total Cost (\$,000)</u> |
|-----|--|----------------------------|
| 1. | 251: Survey of Non-formal Rural Education* | 250.0 |
| 2. | 218: Africa Rural Development | 166.5 |
| 3. | 204: Programming: Ivory Coast | 122.8 |
| 4. | 201: Development Strategies in Semi-Industrial Countries | 121.8 |
| 5. | 231: Promotion of Road Construction Industry* | 98.2 |
| 6. | 254: Employment and Capital/Labor Substitution* | 65.3 |
| 7. | 236: Property Values & Water Supply | 33.1 |
| 8. | 203: Patterns of Demand and Savings: Phase I* | 32.0 |
| 9. | 215: Agricultural Research & Productivity* | 31.3 |
| 10. | 210: Survey of Planning Models | 29.7 |
| 11. | 207: International Model | 27.8 |
| 12. | 202: Programming Model: Chile | 26.8 |
| 13. | 234: Urban Transport and the Automobile | 24.7 |
| 14. | 221: Export Promotion - India* | 24.1 |
| 15. | 237: Village Water Supply | 23.1 |
| 16. | 209: Size Distribution of Income | 22.3 |
| 17. | 249: International Hotel Comparison | 18.0 |
| 18. | 220: Industrialization and Trade Policies* | 16.9 |
| 19. | 211: Prospects for Jute | 15.0 |
| 20. | 212: Credits for Farm Mechanization* | 13.4 |
| 21. | 247: Costa Rica Unemployment Survey | 11.7 |
| 22. | 233: Railway Traffic Costing Study | 10.4 |
| 23. | 250: Mechanization in India | 10.0 |
| 24. | 222: Economies of Scale and Tariff Levels | 9.5 |

Table 1 (continue)

| | | | |
|-----|------|----------------------------|-----|
| 25. | 219: | Manufactured Exports* | 7.5 |
| 26. | 248: | Economic Issues of Health* | 6.7 |
| 27. | 230: | Port Congestion* | 6.0 |

* Drafts completed and/or awaiting publication.

June 26, 1973

Table 2

Projects Scheduled for Completion in FY741/

| <u>RPO No. and Title</u> | <u>Total Cost (&,000)</u> | <u>Expected Quarter of Completion</u> |
|--|-------------------------------|---------------------------------------|
| 1. 224: Programming in the Manufacturing Sector | 199.0 | IV IV |
| 2. 238: Village Electrification | 174.3 | II |
| 3. 214: Agriculture Mechanization Study (India) | 130.9 | IV |
| 4. 208: Shadow Prices | 103.3 | IV |
| 5. 223: Capital-Labor Subst. Mech. Engineering | 84.8 | IV |
| 6. 203: Patterns of Demand and Savings | 79.2 | IV |
| 7. 213: Alternative Sector Strategies in Agri. | 69.0 | I |
| 8. 270: Urban Public Finance | 67.4 | IV |
| 9. 205: Cross-Section Analysis of Dev. Processes | 65.1 | I |
| 10. 274: Demand Study: ECIEL | 65.0 | IV |
| 11. 216: Mexico Agriculture | 56.2 | II |
| 12. 241: Urban Data Needs | 52.1 | I |
| 13. 280: Land Reform | 51.2 | IV |
| 14. 225: Capacity Utilization | 50.0 | III |
| 15. 239: Pricing & Investment in Power | 44.6 | IV |
| 16. 246: Cost Effectiveness of Alter. Learning Tech. | 39.8 | I |
| 17. 283: Urban Income Distribution (ECLA) | 37.5 | IV |
| 18. 277: Small-Scale Industry | 35.0 | III |
| 19. 291: Benefits of Schooling | 29.0 | IV |
| 20. 290: Urban Labor Market | 28.7 | IV |
| 21. 240: Internal Migration | 19.5 | I |
| 22. 242: Professional Structures in S.E. Asia | 16.5 | III |
| 23. 281: Cocoa | 16.4 | II |
| 24. 228: Measurement of Road Width | 7.4 | I |

Table 2

- 2 -

June 26, 1973

| | <u>RPO No. and Title</u> | <u>Total Cost</u> | <u>Expected Quater of Completion</u> |
|-----|--|-------------------|--|
| 25. | 282: Seminar on Inflation & Commodity Prices | 4.9 | II |
| 26. | 232: Compilation of Highway Design Standards | 3.0 | I |

1/ Excludes Phase I completion of projects to be reviewed in any case when new submissions are received for Phase II financing.

Table 3

Number of Review Seminars and Cut-Off Levels

| <u>Cut-Off Level (\$,000)</u> | <u>I</u> | <u>FY73</u> | | | <u>Total</u> | <u>FY74 First Quarter</u> |
|-----------------------------------|----------|-------------|------------|-----------|--------------|-------------------------------|
| | | <u>II</u> | <u>III</u> | <u>IV</u> | | |
| 100.0 + | 3 | 1 | 1 | 0 | <u>5</u> | 3 |
| 70.0 + | 4 | 1 | 1 | 0 | <u>6</u> | 5 |
| 60.0 + | 5 | 3 | 1 | 0 | <u>9</u> | 7 |
| 50.0 + | 5 | 4 | 2 | 1 | <u>12</u> | 8 |
| 40.0 + | 5 | 4 | 2 | 1 | <u>12</u> | 9 |
| 30.0 + | 8 | 5 | 2 | 2 | <u>17</u> | 10 |

June 26, 1973

RC

Mr. H.B. Chenery, VP, Development Policy

June 20, 1973

Ernest Stern, Senior Adviser, VPD

Research Committee Decisions

1. The vote on the Lilongwe Project was 6 for immediate implementation and 3 for reconsideration. Please let me know how you wish to proceed.

2. The vote on Capacity Utilization was 5 for immediate implementation and 4 for reconsideration. (The argument seems to be that a Division Chief can make a commitment in the expectation that the project will be approved - or it will constitute a vote of no confidence. Budget constraints, priorities or other minutia are to be ignored.) Please let me know how you wish to proceed.

3. If we add these projects, we will have authorized \$700,000. Out of the first cycle all projects will have been approved, except that portions of 4 projects (Ranis, Indonesia, Shadow Prices and Country Prototype) will be reconsidered in July. Assuming that half of the \$75,000 for these projects will be approved, we will not have more than \$75,000 to spend on the July proposals.

cc: Mr. Ray

EStern/lm

OFFICE MEMORANDUM

Hold

TO: Messrs. Hollis B. Chenery and Ernest Stern DATE: June 18, 1973

FROM: Alexander Stevenson

SUBJECT: Research Committee Decisions

1. The Research Committee's decision to defer the Lilongwe Rural Development research project (follow-up) is most unfortunate. In fact, the circumstances are such that deferral will most likely abort the attempt to obtain supplementary information (most of which is already collected) and undermine the possibility of carrying out a useful evaluation of this rather important project. Two consultants (who are a specialized resource for the research project owing to their past association with Lilongwe) have been holding themselves ready to carry out this work. If we cannot enter into a firm commitment with them now, they will no longer be available. Without them we cannot carry out the project.

2. I should mention that Mr. Chaufournier spoke to me after last Friday's seminar on the Africa Rural Development Study and said that he attached high importance to the evaluation of the Lilongwe project. Unless the decision to defer is reversed, we will not be able to meet his need. He is interested in the comparison of this project, which has involved a very substantial infusion of expatriate management, with Upper Volta, where the opposite has been the rule. I do not know whether the Research Committee was aware of the fact that deferral would likely lead to abandonment and in the circumstances I would strongly urge that the matter be reconsidered.

3. The deferral of the Capacity Utilization Study on Malaysia is also regrettable. The original scope of this study - four case studies - had had to be narrowed successively, for reasons which have never been clear to me. The importance of the subject has never been questioned. You will recall that Mr. Knapp specially remarked on the need for studying the capacity utilization question during the President's review of the work program on industry. The Boston University study on the same subject is not making much progress (see attached memo from Mr. Thoumi). I conclude that not to proceed with Mrs. Hughes' study under these circumstances is to make sure that the Bank will not be much wiser on this subject for some time ahead.

4. Mrs. Hughes is naturally upset. Her cable from Teheran is attached. The postponement of the Malaysia case study leaves the proposed consultant, David Lim, high and dry. He had cancelled a sabbatical in order to work on this study. I believe that this project should also be reconsidered.

cc: Mr. Gulhati
Mr. Reutlinger
Mrs. Hughes
Mr. Ray

Attachments

June 8, 1973

AGENDA

- Item 1. Projects in Category IX
- Item 2. Financing of Acceleration of RPO 226.
- Item 3. Decisions thus far and the Budget
(see Tables 1 and 2).
- Item 4. Iteration of Category I.

rc

OFFICE MEMORANDUM

TO: Members of the Research Committee

FROM: Ernest Stern, Senior *ES* Adviser, VPD

SUBJECT: Meeting

DATE: June 6, 1973

This is to confirm that the Research Committee will convene for a final session at 2:30 p.m. on Friday, June 8, in Conference Room B. The meeting is expected to last no more than one hour.

OFFICE MEMORANDUM

TO: Members of the Research Committee

DATE: June 4, 1973

FROM: Ernest Stern, *ES* Senior Adviser, VPD

SUBJECT:

We will resume discussion on Wednesday at 3 p.m. with Project I-3, Indonesia Studies. Mr. Duloy has been asked to join us to answer questions.

After consideration of this project, we will resume our discussion with Project I-6. (Discussion of Projects I-4 and 5 was completed on Monday.)

OFFICE MEMORANDUM

TO: Research Committee Members

DATE: May 8, 1973

FROM: A. Ray, VPD *AR*SUBJECT: Research Review Meetings

In view of the eighteen research proposals to be discussed, as well as the paper under preparation on the research program and the budget, I am scheduling two additional meetings to follow the May 30 meeting on June 4 and 6. We will meet at 3:00 p.m. in Conference B on each occasion.

Research Committee Members: Messrs. Chenery
Stern
Adler
Avramovic
Balassa
Baneth
Gulhati
Karaomanoglu
Kuczynski
Qureshi
Schulmann
van der Tak

Mr. J. Cauas, DRC-DR

May 3, 1973

A. Ray, VPD

DRC Proposals

The research proposals on the projects listed below are not being forwarded to the Research Committee for its May 30 meeting as their planned work programs are as approved earlier. I shall, however, like to discuss the budget for the first two studies with the sponsors before making a final allocation for FY74. The requested amount of \$8,200 for the third study is approved.

1. Growth and Income Distribution in Brazil. (RPO 269)
2. Influences on Income Distribution. (RPO 206)
3. Capital-Labor Substitution in the Mechanical Engineering Industry. (RPO 223)

cleared with Mr. Stern

cc: Messrs. Duloy, Ahluwalia, Clark, Stoutjesdijk.

ARay/mp

OFFICE MEMORANDUM

TO: Research Committee Members

FROM: A. Ray

SUBJECT: Meeting On Research Proposals

DATE: April 5, 1973

The Research Committee Meeting of Thursday, April 5, will resume on Friday, April 13, at 3:00 p.m. in Conference Room B.

Research Committee Members:

Messrs. Chenery
Stern
Adler
Avramovic
Balassa
Baneth
Gulhati
Karaosmanoglu
Kuczynski
Qureshi
Schulmann
van der Tak

Mr. Stevenson, ECD-DR

April 5, 1973

Ernest Stern, Senior Advisor-VPD

Status Reports, Third Quarter

I shall appreciate it if you have a Status Report Form completed and sent to Mr. Smith (A-1210) not later than April 17, for each of your sixteen projects funded by the Research Committee. The information provided in the Forms should be current as of March 31.

Past submissions have not been noted for their accuracy and the required corrections were very time consuming. I would, therefore, appreciate it if the Administrative Officer, or some other suitable staff member, could review the reports before they are submitted. The information received this quarter is of critical importance to budgetary planning this year and the next.

Attachments

cc: Messrs. Gulhati, Hawkins, Keare, Reutlinger, Yenal,
Mrs. Hughes

cc: Mr. Ray

ARay/mp

OFFICE MEMORANDUM

TO: See Distribution

DATE: April 3, 1973

FROM: A. Ray, VPD *al*

SUBJECT: Status Reports on Research Projects, Third Quarter

I shall appreciate it if you have a Status Report Form completed and sent to Mr. Paul Smith (A-1210) not later than April 17, for each of your research projects funded by the Research Committee. The reports should provide data as of March 31.

Questions on the Form, if any, should be addressed to Mr. Smith (X-5253). Additional copies may be obtained from his office.

Attachments

Distribution: Messrs. Ballantine, Fuchs, Jaycox, Rovani,
Sadove, Tolbert, Yudelman

cc: Messrs. Anderson, Berrie, Bohr, Churchill, Duane,
Egbert, Hendry, Hultin, Jallade, Moore,
Simmons, Warford

Mr. Smith, Mrs. Hazzah

21

OFFICE MEMORANDUM

TO: See Distribution

FROM: A. Ray, VPDI

SUBJECT: Status Reports on Research Projects, Third Quarter

DATE: April 3, 1973

I shall appreciate it if you have a Status Report Form completed and sent to Mr. Paul Smith (A-1210) not later than April 17, for each of your research projects funded by the Research Committee. The reports should provide data as of March 31.

Questions on the form, if any, should be addressed to Mr. Smith (X-2523). Additional copies may be obtained from his office.

Attachments

- cc: Messrs. Anderson, Berris, Bonn, Churchill, Guane, Ebert, Hendry, Hutton, Jaiside, Moore, Simmons, Wardford
- Distribution: Messrs. Bellamine, Echa, Jaycox, Rovani, Sadove, Tolbert, Yudelman
- Mr. Smith, Mrs. Haxah

Mr. J. P. Hayes, EPD-DR

April 3, 1973

A. Ray, VPD

Research Status Reports, Third Quarter

I shall appreciate it if you have a Status Report Form completed and sent to Mr. Smith (A-1210) not later than April 17, for each of your three research projects funded by the Research Committee. The reports should provide data as of March 31.

Attachments

cc: Messrs. Carter, Singh, Strausser,
Ms. Yudin

Mr. Smith, Mrs. Hazzah

ARay/mp

Mr. A. Stevenson, ECD-DR

April 3, 1973

A. Ray, VPD

Status Reports, Third Quarter

I shall appreciate it if you have a Status Report Form completed and sent to Mr. Smith (A-1210) not later than April 17, for each of your sixteen projects funded by the Research Committee. The information provided in the Forms should be current as of March 31.

It will be a great convenience if you have the status reports very carefully screened individually before submission. A consolidated financial statement on the basis of the status reports will also be highly appreciated. The information received this quarter is of critical importance to budgetary planning this year and the next.

cleared with and cc: Mr. Stern

cc: Messrs. Gulhati, Hawkins, Keare, Reutlinger, Yenal,
Mrs. Hughes.

Attachments.

ARay/mp

Mr. J. Cauas, DRC-DR

April 3, 1973

A. Ray, VPD

Status Reports, Third Quarter

I shall appreciate it if you have a Status Report Form completed and sent to Mr. Paul Smith (A-1210) not later than April 17, for each of your sixteen research projects funded by the Research Committee. The information provided in the Forms should be current as of March 31.

Attachments

cc: Messrs. Duloy, Ahluwalia, Clark, Stoutjesdijk

Mr. Smith, Mrs. Hazzah

ARay/mp

OFFICE MEMORANDUM

TO: Research Committee

FROM: A. Ray, VPD *AR*

SUBJECT: Meeting on April 5

DATE: March 29, 1973

Please find attached the set of research proposals to be considered in the meeting on April 5.

The recommendation of the review panel on the first proposal ("Japanese Economic Influence") is attached to that proposal (Mr. Balassa's memo to Mr. Stern, March 13). The recommendations of the other review panels will be forwarded to you as they become available. In addition, my memorandum to you of March 14, on the Research Budget, should be inserted in the book.

OFFICE MEMORANDUM

TO: Research Committee Members

DATE: March 23, 1973

FROM: A. Ray, VPD *AR*

SUBJECT: Meeting on FY74 Research Proposals

The meeting on April 5, will be held in Conference Room B,
at 11:00 a.m.

cc: Messrs. Chenery, Stern

OFFICE MEMORANDUM

TO: See Distribution Below

FROM: A. Ray (through Mr. Stern) *RR*

SUBJECT: Quarterly Status Report on Research Projects

DATE: January 15, 1973

I shall appreciate it if you have a Status Report completed and sent to Mr. P. Smith (A-1210) not later than February 5, for each of your research projects funded by the Research Committee. A computer print-out on each project's financial status, dated December 31, will be sent to you shortly to assist the research supervisors in completing their reports. The supervisors should use the print-out data only if their records are incomplete. Otherwise, they should use their own data even if they differ from the print-out data in some cases.

The reports should provide data as of December 31, using the Status Report Form, copies of which are attached for distribution to your research supervisors. This Form is self-explanatory and replaces the one used previously. The principal change is in the Part III where the financial data being asked for is classified into three categories (explained in the Form) to provide the Research Committee with an improved basis for forecasting actual disbursements during the current fiscal year. This will help plan full utilization of the Committee's annual budget.

Questions on the Form, if any, should be addressed to Mr. Smith, (X-5253). Additional copies of the Form may be obtained from his office.

attachments

cc: for information (one Form copy) Research Committee Members

cc: (one Form copy)

Messrs: Balassa, Duloy, Hawkins, Carter, Price

Messrs: Anderson, Berrie, Bohr, Churchill, Egbert,
Hendry, Hultin, Jallade, Moore, Renkewitz,
Strausser, Urquhart, Warford

Mrs. Brandenburg

Miss Gary

Miss Edayoshi

Division Chiefs in the DRC and DED

Distribution: Messrs: Cauas, Hayes, Stevenson

Messrs: Ballantine, Evans, Fuchs, Jaycox,
Rovani, Sadove, Tolbert

WORLD BANK RESEARCH PROGRAM

QUARTERLY STATUS REPORT

Date of Submission: _____

I. PROJECT IDENTIFICATION AND APPROVAL OF REPORT

| | | |
|-------------------------------------|--|---|
| Title: | | Project No. RPO _____ |
| Department: | Division: | Staff Member Responsible: |
| Date Approved ^{1/} | Amount Authorized ^{2/} (to date) | Amount Disbursed ^{3/} (to date) |
| Approval: | | |
| _____ Division Chief (signature) | | _____ Department Director (signature) |

II. IMPLEMENTATION

| | | |
|--------------------------------------|----------------------------|-----------------------------|
| Date of First Contract ^{4/} | Date First Draft Expected: | Date Final Report Expected: |
|--------------------------------------|----------------------------|-----------------------------|

Reports Completed

Reports Expected (Current Fiscal Year)

- Notes:
- 1/ Month/Year first approved by Research Committee
 - 2/ Amount authorized, at the time of approval, plus supplemental authorizations if any.
 - 3/ Total disbursement to date, including previous fiscal years. (Sum of column (1) in Part III and total of disbursements in previous years)
 - 4/ Date first contract signed

III. Financial and Staff Data

Research Number RPO _____

Date: _____

Total Amount Authorized (to date) by the Research Committee _____

Disbursements in previous fiscal year(s)* _____

| | Disbursement to date this fiscal year (1) | Forecast Disbursements for current FY based on: | | | Total FY Forecast Disb. (2)+(3)+(4) | Forecast Disb. Next FY | |
|---------------------------------------|--|---|--------------------------|-------------------------------|--|------------------------|--|
| | | Signed Contracts (2) | Firm Arrangements (3) | Tentative Arrangements (4) | | Total Expected | Portion which are Signed Contracts As of This Date |
| A. <u>Contracts</u> | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Sub-Total A | | | | | | | |
| B. <u>Travel**</u> | | | | | | | |
| C. <u>Data Processing***</u> Internal | | | | | | | |
| External | | | | | | | |
| Sub-Total (B+C) | | | | | | | |
| TOTAL (A+B+C) | | | | | | | |

NOTE: (1) Printout information should be updated by manual records to reflect disbursements as of the date of this report.
 (2) Estimate
 (3) Firm arrangements lacking only formal contract
 (4) Agreements not yet complete
 */ Including items A,B and C below
 **/ This item includes staff travel and travel by consultants when a Bank travel form (#6) is used. The total forecast disbursements for the fiscal year can be listed in the total column if information is lacking to provide the breakdown requested in columns (2),(3) & (4).
 ***/ The total forecast disbursements for the fiscal year can be listed in the total column if information is lacking to provide the breakdown requested in columns (2),(3) & (4).

| Staff Time (manmonths) | | |
|------------------------|-------|-------|
| | FY 73 | FY 74 |
| Professional | | |
| Special Services | | |
| Total | | |

IV. Status of Project

Please provide whatever narrative you feel is necessary to explain:

- (1) work accomplished;(2) progress expected in FY73 & FY74;
- (3) financing from other sources; (4) problems encountered with implementation;
- (5) progress of collaboration with LDC institutes, if relevant;
- (6) other comments. (Please use an additional page if necessary)

Rec.
Comm.

Mr. Hollis B. Chenery

November 3, 1972

Ernest Stern

Research Committee Membership

Since Gulhati and Kuczynski have both moved to the DPS, we are overrepresented on the Research Committee. I therefore suggest we replace Haq and Kuczynski with S. Please and A. Karaosmanoglu. This would leave us with representation from our two principal research departments (DRC & DED) and add two Regional Offices.

If you agree, I will do the needful.

EStern/lm

OFFICE MEMORANDUM

TO: Members, Research Committee

DATE: September 27, 1972

FROM: Ernest Stern *ES*

SUBJECT: Continuation of September 20 Meeting

The Research Committee will reconvene at 2:30 p.m. on October 4, 1972, in Conference Room A. Please advise my secretary if you are unable to attend at that time.

Distribution: Messrs. Chenery, Qureshi, Avramovic,
Gulhati, van der Tak, Balassa,
H. Adler, Schulmann, Kuczynski,
Baneth, Haq

cc: Messrs. Ray, Lowther

OFFICE MEMORANDUM

TO: Members, Research Committee

DATE: September 14, 1972

FROM: Ernest Stern *ES*SUBJECT: Research Committee Meeting of September 20, 1972

A black book containing material for the September 20 meeting of the Research Committee is attached.

The book includes the following material:

- (a) Review of selected on-going projects,
- (b) Budget tables,
- (c) New project proposals accompanied by review panel comments. The projects are listed in order in a Table of Contents.

In a few cases review panel comments are still in preparation. They will be forwarded as soon as available.

I also want to draw the Committee's attention to the fact that the project on tourism incentives, which was rejected at our June meeting, has been resubmitted. It is not included because the basis for our decision has not changed and the budgetary situation is, if anything, more precarious.

If you have any questions about the material, please call me before the meeting.

Distribution: Messrs. Chenery, Qureshi, Avramovic,
Gulhati, van der Tak, Balassa,
H. Adler, Schulmann, Kuczynski,
Baneth, Haq

cc: Messrs. Kamarck, Weiss, Ray, Lowther

Attachment

File

OFFICE MEMORANDUM

TO: Members, Research Committee

FROM: Ernest Stern *ES*

SUBJECT: Notice of Meeting

DATE: September 11, 1972

There will be a meeting of the Research Committee on Wednesday, September 20, at 3 p.m. in Conference Room B.

In addition to the status reports on the research projects which were circulated earlier, you will receive by September 13 the briefing book for the meeting containing the projects to be reviewed with comments by the panels, reviews of selected ongoing projects and the standard budgetary material.

Distribution:

Messrs. Chenery
Qureshi
Avramovic
Gulhati
van der Tak
Balassa
H. Adler
Schulmann
Kuczynski
Baneth
Haq

cc: Messrs. Ray, Lowther

OFFICE MEMORANDUM

TO: Mr. Ernest Stern

DATE: September 7, 1972

FROM: A. Ray *al*SUBJECT: Research Proposals September Meeting

Please find attached a provisional list of proposals for the September meeting with their total annual costs. The total new demand for FY 73 is \$622,800, of which new proposals represent \$192,300.

Except number 7 (Poverty '2000'), all new projects and the two revised pending projects are being reviewed. Mr. Avramovic is reviewing numbers 1, 4, and 5; and his report is due September 11. Mr. Baneth is reviewing numbers 3 and 6, and his report too should reach us September 11 or perhaps tomorrow. Review of others have been finished.

We need to decide which ones should be dropped from consideration this time. I am inclined to drop all the pending projects, except the Rosenstein-Rodan Study, which I consider a marginal one.

Among the new projects, only the Ethiopia Feeder Road Study and the Urban Public Finance Study qualify for consideration by the June standards. The Poverty '2000' is an exception and may qualify for funding outside the Committee's Budget, e.g. via a special increase in our budget.

Both projects in Group B have merit and may be seriously considered. In Group D, the situation regarding number 16 is unclear as the promised material has not yet reached us. I am also inclined to reject the funding of the cost overrun on number 17.

The cost of the core group of proposals is summarized below:

| | |
|--------------------------------|-------------------------|
| <u>Group A</u> (No. 2 & 3) | <u>FY 73</u> 50.6 |
| <u>Group B</u> | 122.3 |
| <u>Group C</u> | (25.0) (not additional) |
| <u>Group D</u> | <u>undetermined.</u> |
| Total | <u>172.9</u> |
| Special increase in our budget | |
| No. 7 | 40.0 |
| Grand Total | <u>212.9</u> |

Attachment
CC: Mr. Lowther

AUG 17 1972

OFFICE MEMORANDUM

TO: See Distribution Below

FROM: A. Ray *AR*

SUBJECT: Status Reports on New Research Projects

DATE: August 17, 1972 ✓

I shall appreciate receiving status reports on all projects approved by the Research Committee in June as early as possible and no later than September 6. Copies of the status report forms may be obtained from my office (x5258). Please call me if you have any difficulty in using the form.

cc: Mr. Stern ✓
Mr. Lowther

Distribution:

Messrs: Henderson, Tiemann, Economics Department
Division Chiefs.

Messrs: Weiner, Berrie, and Warford

Messrs: Duloy, Clark, Stoutjesdijk

Messrs: Ballantine, Hultin

see comm.

OFFICE MEMORANDUM

TO: See Distribution

FROM: Ernest Stern *ES.*

SUBJECT: Review of Research Projects

DATE: July 26, 1972

The Research Committee plans to hold its next meeting on September 18 to review new research projects. It will also reconsider some of the projects not approved in June. All sponsors were advised by memo after the June meeting as to which projects will be reconsidered automatically in September (they need not be resubmitted unless revised).

The deadline for submitting new research proposals and revised proposals for pending projects is August 21. These submissions should use the research proposal forms (copy attached), available from Mr. Lowther's office (X-5253).

Distribution: CES Department Directors
Area " "
Project " "

cc: Research Committee
Messrs. Ray, Lowther, Smith, Busz

Mrs. Armstrong

(To Be Filled By Research Committee)

Review number

Project number

WORLD BANK RESEARCH PROGRAM
Project Proposal

Date of Submission

PART I. PROJECT IDENTIFICATION

1. Title:

2. Department Responsible:

3. Staff Member Responsible:

4. No. of Contracts:

5. Total Estimated Cost:

6. Total Estimated Staff Time:
Professional:

Special Services:

Part II. COORDINATION AND APPROVAL

1. Interdepartmental Coordination:

| Department | Name & Signature | Support Project | Do not Support Project-Comments Submitted |
|------------|------------------|-----------------|---|
| a. | | | |
| b. | | | |
| c. | | | |
| d. | | | |

2. Approval:

Division Chief

Department Director

PART III. IMPLEMENTATION

1. Date Work to Start:

2. Date First Draft Expected:

3. Final Report Due:

4. Implementation Method:

- a. Bank Staff.
- b. Individual Consultants.
- c. LDC Contractor/Institute.
- d. Developed Country Contractor/Institute. . . .
- e. Seminar

5. Reports Expected in Current Fiscal Year:

PART IV. FINANCIAL AND STAFF DATA

1. Dollar Costs (Estimated Disbursements by Fiscal Year):

| | FY | FY | FY | After FY | Total |
|--------------------|----|----|----|-------------|-------|
| a. Contractual | | | | | |
| b. Travel | | | | | |
| c. Data Processing | | | | | |
| Total | | | | | |

2. Staff Requirements (man-months):

| | FY | FY | FY | After FY | Total |
|---------------------|----|----|----|-------------|-------|
| a. Professional | | | | | |
| b. Special Services | | | | | |
| Total | | | | | |

PART V. PROJECT SUMMARY
(Use Additional Sheets if Necessary)

1. Research Objectives:

- Support basis for Bank Policy
 - Support for Bank Operation in Projects or Sectors
 - Support for Country Economic Work
 - Increase Knowledge of the Basic Development Process
 - Develop Institutional Capacity for Research in LDC's
-

2. Description:

- a. Problem
- b. Method
- c. Coordination
- d. Implication for Bank Policy and Operations
- e. Project Organization

Instructions For Submitting
Research Project Proposals

General

Projects proposed for inclusion in the Bank Research Program must be submitted to the chairman of the Research Committee on the attached project proposal form. He will forward those requiring detailed review to review panels selected for the purpose. The Research Committee will meet and discuss the projects on the basis of the proposals and review panel recommendations. To facilitate this procedure, research project proposals must be submitted well in advance of the Research Committee's quarterly meetings. Specific deadlines are circulated to all Department Directors every quarter.

A research proposal consists of:

- (a) a completed research proposal form (as attached),
- (b) Division Chief and Department Director's signature of approval and
- (c) a narrative describing the proposed project.

Proposed research projects will not be considered until all three elements are completed and forwarded to the Chairman of the Research Committee. Forward the original copy only.

Research Proposal Form

The attached form is designed to provide a uniform presentation of information required on all projects. The following instructions refer to line items on the form:

Part I Project Identification

1. Title: Title of research project to be used for reporting purposes.
2. Department Responsible: The Department in which the principal work will be done and which will be responsible for monitoring the research contract, if any.
3. Staff Member Responsible: The name of the principal author or the contract monitor if the research is being done by consultants.
4. Number of Contracts: Indicate the number of contracts expected to be signed during the life of the project.

5. Total Estimated Cost: This figure should cover all dollar costs for all year (see Part IV, 1.).
6. Total Estimated Staff Time: This figure should cover estimated manmonths (or years) of staff time required for the life of the project (see Part IV, 2.).

Part II Coordination and Approval

1. Interdepartmental Coordination: Bank departments which have an interest in the subject matter of the project should be given an opportunity to review the proposal and comment on it. Functional studies should be coordinated in counterpart units (e.g. education studies should be coordinated in Education Projects Department or Economics Department, Population and Human Resources Division depending upon who initiates the proposal). Studies concerning specific countries or regions should be coordinated in appropriate Area Departments. Studies of functional and area interest should be coordinated in both places. List the Department and coordinator and obtain the signature of the coordinator. If the coordinator supports the project he need only check that column. If he does not support the project he should check that column and submit a statement of explanation which must be attached to the project proposal.
2. Responsible Department Approval: The Division Chief and Department Director must sign the form.

Part III Implementation

1. Date Work to Start: The month/year on which actual research work is to start. Date should be after preliminary discussions have been completed and research design is agreed upon.
2. Date First Draft Expected: Estimated date of completion of first draft of research report.
3. Final Report Due: Date when final report expected.
4. Implementation Method: Check the appropriate box or boxes.
5. Reports Expected in Current Fiscal Year: List inception reports, interm and progress reports etc. that are expected to be completed during this fiscal year. Indicate month expected.

Part IV Financial and Staff Data

1. Dollar Costs (Estimated Disbursements by Fiscal Year):

Estimate the funds which will be expended in the fiscal years indicated (start with the current fiscal year). List them by the following categories:

- (a) Contractual - include all costs incurred by contract with individual consultants and/or institutes (typical items included are: fees, pay for research and secretarial assistance and purchase of equipment).
- (b) Travel - include staff and consultant travel authorized by Bank Travel Requests. Do not include travel paid through contractual arrangements (a).
- (c) Data Processing - include all costs incurred through the Department of Computing Activities. This includes the use of Bank programmers and computer as well as work contracted out by the Department of Computing Activities. Do not include work arranged through contracts listed under (a).

Note: Estimating costs accurately is difficult but important. Secure the help of Department Administrative Officers, and the Personnel Department (Consultants Office), Travel Office and Department of Computing Activities in determining your estimates.

2. Staff Requirements: Show estimated man-months of Professional and Special Services Staff time required by fiscal year.

Part V Project Summary

1. Research Objectives: Check the appropriate block. If more than one applies insert numbers in blocks to show priority.
2. Description: The narrative description is the key component used to establish the merits of the proposed project. It should be clearly written in as much detail as is necessary to provide proper understanding of the proposal. The following aspects of the project will be of critical importance in the review process and should be included in the description:
- (a) Problem - define the problem in sufficient detail to allow assessment of the likelihood of meaningful results and possible contributions to research in the area

- (b) Method - a satisfactory definition of the problem would normally suggest alternative research methods that could be followed. Indicate the preferred method and comment on its feasibility and desirability as compared to alternatives.
- (c) Coordination - indicate the extent to which the proposed project is related to current literature or on-going research in the Bank and elsewhere. In particular, indicate the possibilities for involving LDC institutions and show the extent to which such possibilities have been explored.
- (d) Implications for Bank Policy and Operations - discuss the relevance of the project to Bank policy and operations.
- (e) Project Organization - describe project organization, phasing and planned supervision.

Res
Meth

Research Committee Members

July 17, 1972

Ernest Stern

Research Committee Meeting

The next quarterly session of the Committee will be held on September 18. New research proposals will be screened between August 21 and September 4.

As discussed in our last meeting in June, we shall also review a sample of on-going projects in September. The sample is now in the process of being selected and we expect to complete their review by panels by mid-August.

cc: Messrs. Lowther
Ray

Messrs. Ray & Lowther

July 13, 1972

Ernest Stern

Research Committee Meeting, September 1972

We need to aim for a Research Committee meeting by the middle of September to review ongoing projects and projects postponed at our June session. Since I will be on vacation the latter part of August I thought it useful to outline the material we shall want to circulate so that it can be ready for my review September 4.

Budget. We need to get an accurate figure on FY 1972 expenditures on ongoing projects and an estimate of the FY1973 costs for these projects. This will be a principal determinant of how much we can allocate for new projects. The tables should show total cost, FY 1972 and FY 1973 expenditures by project.

Review of Ongoing Projects. By August 1 we should identify the ongoing projects we wish to have reviewed. Review committees should be asked to meet in August. Their terms of reference need to be drafted since ongoing projects need to be treated differently than new proposals. Review committees should focus on the substantive progress and only delve into budgetary matters if progress is so unsatisfactory as to warrant a recommendation to cut back or phase-out.

Status Reports. All status reports should be sent for reproduction. Books, like those for the June meeting, should be compiled.

New Projects. Two items will be needed. a) A summary of allocations agreed to at the June meeting as amended subsequently. b) A listing of pending projects. (Copies of pending projects carried over from the June meeting should be reproduced again and included in the books for September).

Projects Funded Outside the Research Budget. We need to develop better information on these research activities. Our present list of "internal projects" is inadequate. During August, with John Bruch's assistance, we should start a Department by Department search to identify research projects funded from loans, operational funds or special allotment (e.g. the IAEA project). Our list might not be complete by September but we will know more than we do now.

Let's meet 10.00 a.m., Monday to discuss this.

200

Research Committee

June 12, 1972

Ernest Stern

Research Committee Information

Attached is additional information for the Committee meeting this afternoon as follows:

- i) Mr. Ballantine's comments on the review of the education projects (June 2)
- ii) Mr. Shamsheer Singh's comments on the review of commodity studies
- iii) Mr. Reutlinger's memo on cost estimates for Land Tenure
- iv) Revised proposal on East Africa
- v) Table giving past and future year costs of projects under review.

Attachments

cc: Messrs. Ray, Lowther

File

OFFICE MEMORANDUM

TO: Members, Research Committee

DATE: June 5, 1972

FROM: Ernest Stern *ES*

SUBJECT: Research Committee Meeting, June 7

Attached is the additional material for the meeting of the Bank Research Committee:

- a) Tables 1-5, providing cost information on on-going and new projects
- b) A note on research priorities
- c) Review Panel comments on the Land Tenure Project (IV-2) and Ghana Migration (X-4)
- d) A note on DRC projects
- e) A note on the International Model
- f) Copies of the following on-going DRC research proposals:
 - I.8: International Model
 - I.9: Multi-level Programming
Application to Ivory Coast
 - IV.4: Mexico Agricultural Study

Attachments

TABLE 1
SUMMARY BUDGET TABLE
(\$ '000)

| <u>Categories</u> | <u>Total FY73 Cost of On-going Projects</u> (1) | <u>Total FY73 Cost of New Submissions</u> | | <u>Total FY73 Cost</u> | |
|--|--|---|---------------------------|-----------------------------------|-------------------------------------|
| | | <u>Requested</u> (2) | <u>Recommended</u> (3) | <u>Requested</u> (4) = (1 + 2) | <u>Recommended</u> (5) = (1 + 3) |
| I. General Development Policy and Planning | 179.9 | 202.6 | 178.6 | 382.5 | 358.5 |
| II. Fiscal Policy, Financial Institution and Resource Mobilization | - | 20.0 | 20.0 | 20.0 | 20.0 |
| III. Trade and International Finance | - | 55.0 | 27.0 | 55.0 | 27.0 |
| IV. Agriculture and Rural Development | 134.7 | 495.5 | 123.0 | 630.2 | 257.7 |
| V. Industry and Mining | 67.0 | 136.0 | 136.0 | 203.0 | 203.0 |
| VI. Transportation | 271.0 | 273.1 | 150.6 | 544.1 | 421.6 |
| VII. Public Utilities | 5.0 | 200.8 | 97.7 | 205.8 | 102.7 |
| VIII. Urbanization and Regional Development | 14.9 | 85.5 | - | 100.4 | 14.9 |
| IX. Population | - | - | - | - | - |
| X. Human Resources | 85.1 | 162.1 | 162.1 | 247.2 | 247.2 |
| XI. Others | 10.5 | 57.0 | 17.0 | 67.5 | 27.5 |
| Unreported | 20.0 | | | 20.0 | 20.0 |
| TOTAL | <u>788.1</u> | <u>1,687.6</u> | <u>912.0</u> | <u>2,475.7</u> | <u>1,700.1</u> |
| TOTAL BUDGET AUTHORIZED | | | | | 1,500.0 |

NOTES:

- (i) Column (1) figures show the sum of total FY73 external and internal costs and are reproduced from Table 3. A sum of \$20,000 is added to cover the estimated cost of the on-going projects not yet reported.
- (ii) Column (2) figures represent the total FY73 cost estimates (external and internal) given in research proposals reviewed. These figures are reproduced from Table 2.
- (iii) Column (3) figures represent tentative estimates of FY73 costs based on the recommendations of the review panels. These figures are reproduced from Table 2.

TABLE 2

RESEARCH PROPOSAL REVIEW

| <u>Title</u> | <u>FY 73 Funds, '000</u> | |
|--|--------------------------|--|
| | <u>Requested</u> | <u>Review Panel Recommendation</u> |
| I. 1. Studies on Shadow Pricing | 74.00 | 50.0 |
| I. 2. Cross-Section Analysis of Development Processes | 20.5 | 20.5 |
| I. 3. Size Distribution of Income | 25.0 | 25.0 |
| I. 4. Survey of Economy-Wide Planning Models | 27.0 | 27.0 |
| I. 5. Applications of Control Theory | 21.9 | 21.9 |
| I. 6. Korea, Price Incentive Policies | 14.2 | 14.2 |
| I. 7. International Model | 20.0 | 20.0 |
| Sub-total | <u>202.6</u> | <u>178.6</u> |
| II. 1. Performance Evaluation of DFCs | <u>20.0</u> | <u>20.0</u> |
| III. 1. Export Prospects for Fruits and Vegetables | 15.0 | 0 |
| III. 2. Price Prospects of Selected Non-Cellulosic Fibers Com- peting with Natural Fibers (Prospects for Jute and Competition from Synthetics) | 15.0 | 15.0 |
| III. 3. Supply and Price Forecasting Models for Edible Vegetable Oils | 25.0 | 12.0 |
| Sub-total | <u>55.0</u> | <u>27.0</u> |
| IV. 1. East Africa Rural Development | 250.0 | 50.0 |
| IV. 2. Land Tenure and Rural Development | 75.5 | 0 |
| IV. 3. A Study of Irrigation Water Charges | 170.0 | 73.0 |
| Sub-total | <u>495.5</u> | <u>123.0</u> |

TABLE 2

RESEARCH PROPOSAL REVIEW
(continued)

| <u>Title</u> | <u>FY 73 Funds, '000</u> | |
|--|--------------------------|------------------------------------|
| | <u>Requested</u> | <u>Review Panel Recommendation</u> |
| V. 1. Programming in the Manufacturing Sector | 61.0 | 61.0 |
| V. 2. Transition from One to Two Shifts in Industry | 75.0 | 75.0 |
| Sub-total | <u>136.0</u> | <u>136.0</u> |
| VI. 1. Governmental and Bank Assistance to the Road Transport Industry | 41.0 | 0 |
| VI. 2. Criteria for Choice Between Electrification and Diesel Traction in Project Evaluation | 48.6 | 48.6 |
| VI. 3. Price Elasticity of Demand for Port Services | 25.5 | 10.0 |
| VI. 4. Substitution of Labor and Equipment in Road Construction | 158.0 | 92.0 |
| Sub-total | <u>273.1</u> | <u>150.6</u> |
| VII. 1. Standards of Reliability of Electricity Supply | 20.0 | 10.0 |
| VII. 2. Village Water Supplies | 37.0 | 20.0 |
| VII. 3. Analysis of Problems and Issues in Village Electrification | 52.7 | 42.7 |
| VII. 4. Analysis of Cost Structure, Pricing and Taxation in Telephony | 46.4 | 15.0 |
| VII. 5. Pricing and Investment in Electricity Supply | 44.7 | 10.0 |
| Sub-total | <u>200.8</u> | <u>97.7</u> |

TABLE 2

RESEARCH PROPOSAL REVIEW
(continued)

| <u>Title</u> | <u>FY 73 Funds, '000</u> | |
|---|--------------------------|------------------------------------|
| | <u>Requested</u> | <u>Review Panel Recommendation</u> |
| VIII. 1. A Study of the Regional Income Distributional Effects of Brazil's Fiscal and Monetary Policies | 71.6 | 0 |
| VIII. 2. Investigation of the Feasibility of Regional Studies | 13.9 | 0 |
| Sub-total | <u>85.5</u> | <u>0</u> |
| X. 1. Cost Effectiveness of Alternative Learning Techniques | 40.0 | 40.0 |
| X. 2. Project Evaluation Methodology | 75.0 | 75.0 |
| X. 3. Economic Issues of Health | 5.9 | 5.9 |
| X. 4. Ghana Migration | 29.0 | 29.0 |
| X. 5. Costa Rica - Unemployment Survey | 12.2 | 12.2 |
| Sub-total | <u>162.1</u> | <u>162.1</u> |
| XI. 1. Caribbean Tourism Study | 40.0 | 0 |
| XI. 2. Tourism Incentives | 17.0 | 17.0 |
| Sub-total | <u>57.0</u> | <u>17.0</u> |
| Grand Total | <u>1,667.6</u> | <u>912.0</u> |

Notes

- (i) The first column shows the estimated FY 73 cost estimates (external and internal) given in research proposals reviewed.
- (ii) The second column shows tentative estimates of FY 73 costs based on the recommendations of the review panels.

TABLE 3

SUMMARY OF ON-GOING EXTERNAL RESEARCH PROJECTS BY CATEGORIES

(\$ '000)

| | FY 1972 | | | | FY 1973 | | | | Total, All Years | | | |
|---|---------------------|------------|---------------------|-----------------|---------------------|------------|---------------------|-----------------|---------------------|------------|---------------------|-----------------|
| | Total External Cost | Contracted | Total Internal Cost | Total Cost | Total External Cost | Contracted | Total Internal Cost | Total Cost | Total External Cost | Contracted | Total Internal Cost | Total Cost |
| | (1) | (2) | (3) | (4) = (1) + (3) | (1) | (2) | (3) | (4) = (1) + (3) | (1) | (2) | (3) | (4) = (1) + (3) |
| I. General Development Policy and Planning | 163.2 | 155.8 | 103.2 | 266.4 | 101.9 | 31.9 | 78.0 | 179.9 | 447.7 | 353.7 | 187.7 | 635.4 |
| II. Fiscal Policy, Financial Institutions and Resource Mobilization | - | - | - | - | - | - | - | - | - | - | - | - |
| III. Trade and International Finance | - | - | - | - | - | - | - | - | - | - | - | - |
| IV. Agricultural and Rural Development | 92.3 | 76.7 | 24.7 | 117.0 | 91.2 | 70.4 | 43.5 | 134.7 | 217.4 | 182.0 | 72.2 | 289.6 |
| V. Industry and Mining | 69.7 | 69.2 | 20.0 | 89.7 | 47.8 | 27.1 | 19.2 | 67.0 | 205.7 | 184.5 | 39.2 | 244.9 |
| VI. Transportation | 344.9 | 270.3 | 40.5 | 385.5 | 257.5 | 88.4 | 13.5 | 271.0 | 814.4 | 438.7 | 65.6 | 880.0 |
| VII. Public Utilities | 60.3 | 56.8 | 5.7 | 66.0 | 5.0 | 5.0 | - | 5.0 | 65.3 | 61.8 | 5.7 | 71.0 |
| VIII. Urbanization and Regional Development | 30.7 | 20.2 | 10.7 | 41.4 | 14.9 | 14.9 | - | 14.9 | 45.5 | 35.0 | 10.7 | 56.2 |
| IX. Population | - | - | - | - | - | - | - | - | - | - | - | - |
| X. Human Resources | 16.3 | 16.3 | 5.6 | 21.9 | 51.7 | 6.5 | 33.4 | 85.1 | 73.0 | 22.8 | 48.1 | 121.1 |
| XI. Other | 7.0 | 7.0 | - | 7.0 | 10.5 | 10.5 | - | 10.5 | 24.5 | 24.5 | - | 24.5 |
| Grand Total | 784.4 | 672.3 | 210.4 | 994.9 | 580.5 | 253.8 | 187.6 | 768.1 | 1,893.5 | 1,303.0 | 429.2 | 2,322.7 |

NOTES:

- (i) Column (1) shows the total external cost expected, whether contracted or not. Column (2) shows the part of total external costs that has been contracted for. Internal costs are a sum of staff travel and data processing costs.
- (ii) This table is based on the status report forms submitted on on-going projects. A few reports are still pending.
- (iii) Some of the research projects in categories I, VI and VII are under review again and only their FY72 costs are included in this table.
- (iv) The last four columns represent totals for all years, including those prior to FY72 and those after FY73.

TABLE 4
ON-GOING EXTERNAL RESEARCH PROJECTS
(Cost in \$ '000)

| | FY 1972 | | | | FY 1973 | | | | Total, All Years | | | |
|---|---------------------|------------|---------------------|-----------------|---------------------|------------|---------------------|-----------------|---------------------|------------|---------------------|-----------------|
| | Total External Cost | Contracted | Total Internal Cost | Total Cost | Total External Cost | Contracted | Total Internal Cost | Total Cost | Total External Cost | Contracted | Total Internal Cost | Total Cost |
| | (1) | (2) | (3) | (4) = (1) + (3) | (1) | (2) | (3) | (4) = (1) + (3) | (1) | (2) | (3) | (4) = (1) + (3) |
| General Development Policy & Planning | | | | | | | | | | | | |
| 1. Multi-level Planning, Case studies in Mexico | 23.0 | 23.0 | 44.0 | 67.0 | - | - | - | - | 108.5 | 108.5 | 44.0 | 152.5 |
| 2. Development Strategies in Semi-Industrial Countries | 31.6 | 31.6 | 0.5 | 32.1 | 18.0 | 18.0 | 3.5 | 21.5 | 102.1 | 102.1 | 5.5 | 107.6 |
| 3. Country Programming Study - Chile | 6.3 | 5.3 | 23.0 | 29.3 | 4.0 | - | 8.5 | 12.5 | 10.3 | 5.3 | 31.5 | 41 |
| 4. Patterns of Demand and Savings in the Development Process | 4.7 | 4.7 | 6.4 | 11.1 | 4.3 | 2.2 | 17.2 | 21.5 | 10.0 | 7.9 | 23.6 | 33.6 |
| 5. Study on Multi-level Programming: Application to Ivory Coast | 26.2 | 25.4 | 23.0 | 49.2 | 19.0 | - | 37.0 | 56.0 | 70.2 | 50.4 | 60.0 | 130.2 |
| 6. Cross-section Analysis of Development Patterns | 29.2 | 28.6 | - | 29.2 | 20.5 | - | 1.0 | 21.5 | 52.6 | 31.5 | 1.0 | 53.6 |
| 7. Short-run and Long-run Influences Upon Income Distribution | 24.4 | 24.4 | 4.8 | 29.2 | 36.1 | 10.8 | 10.8 | 46.9 | 76.2 | 35.2 | 20.6 | 96.8 |
| 8. International Model | 17.8 | 12.8 | 1.5 | 19.3 | - | - | See Table 2 | - | 17.8 | 12.8 | 1.5 | 19.3 |
| Sub-total | 163.2 | 155.8 | 103.2 | 266.4 | 101.9 | 31.0 | 78.0 | 179.9 | 447.7 | 353.7 | 187.7 | 635.4 |
| V. Agriculture & Rural Development | | | | | | | | | | | | |
| 1. Reappraisal of Credits for Financing Farm Mechanization in Pakistan | 10.0 | - | 1.5 | 11.5 | - | - | 2.0 | 2.0 | 10.5 | 0.5 | 3.5 | 14.0 |
| 2. Evaluation of Alternative Methods for Specifying Agricultural Sector Development Strategies - Portugal & Brazil Case Studies | 4.2 | 4.2 | 11.0 | 15.2 | 1.0 | 1.0 | 14.0 | 15.0 | 9.1 | 9.1 | 25.0 | 34.1 |
| 3. Agriculture Mechanization Study - India | 50.0 | 50.0 | 7.0 | 57.0 | 49.1 | 45.0 | 3.0 | 52.1 | 122.8 | 120.0 | 12.0 | 134.8 |
| 4. Reappraisal of Indian Irrigation Project | 1.3 | 1.3 | 1.6 | 2.9 | - | - | - | - | 6.8 | 6.8 | 1.6 | 8.4 |
| 5. Agricultural Marketing in Low Income Countries - Economics of Modern Rice Processing Industry | 5.6 | - | - | 5.6 | - | - | - | - | 5.6 | - | - | 5.6 |
| 6. Agricultural Research & Productivity Changes | 15.0 | 15.0 | - | 15.0 | 15.0 | 15.0 | - | 15.0 | 30.0 | 30.0 | - | 30.0 |
| 7. Mexico Agricultural Study | 6.2 | 6.2 | 3.6 | 9.8 | 23.9 | 9.4 | 22.5 | 46.4 | 30.4 | 15.6 | 28.1 | 58.5 |
| 8. Livestock Simulation Model | - | - | - | - | 2.2 | - | 2.0 | 4.2 | 2.2 | - | 2.0 | 4.2 |
| Sub-total | 92.3 | 76.7 | 24.7 | 117.0 | 91.2 | 70.4 | 43.5 | 134.7 | 217.4 | 182.0 | 72.2 | 289.6 |
| f. Industry & Mining | | | | | | | | | | | | |
| 1. Expansion of Manufacturing for Exports in Developing Countries | 3.0 | 3.0 | - | 3.0 | 1.5 | 1.5 | - | 1.5 | 4.5 | 4.5 | - | 4.5 |
| 2. Industrialization & Trade Policies for the 1970s | - | - | - | - | 12.2 | - | - | 12.2 | 12.2 | - | - | 12.2 |
| 3. Export Promotion & Preferences - A Case Study of India | 3.3 | 3.3 | - | 3.3 | 14.1 | 14.1 | - | 14.1 | 17.4 | 17.4 | - | 17.4 |
| 4. Economies of Scale & Tariff Levels | 7.4 | 6.9 | 5.0 | 12.4 | - | - | 3.6 | 3.6 | 7.4 | 6.9 | 8.6 | 16.0 |
| 5. Programming in the Manufacturing Sector | 14.0 | 14.0 | 8.0 | 22.0 | - | - | - | - | 102.2 | 102.2 | 8.0 | 110.2 |
| 6. Scope for Capital-Labor Substitution in the Mechanical Engineering Industry | 42.0 | 42.0 | 7.0 | 49.0 | 20.0 | 11.5 | 15.6 | 35.6 | 62.0 | 53.5 | 22.6 | 84.6 |
| Sub-total | 69.7 | 69.2 | 20.0 | 89.7 | 47.8 | 27.1 | 19.2 | 67.0 | 205.7 | 184.5 | 39.2 | 244.9 |

| I. Transportation | | | | | | | | | | | | |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------------|--------------|----------------|----------------|--------------|----------------|
| 1. Substitution of Labor & Equipment in Road Construction | 100.0 | 100.0 | 26.0 | 126.0 | 184.0 | 71.0 | See Table 2 9.5 | 193.5 | 100.0 | 100.0 | 26.0 | 126.0 |
| 2. Highway Design Study, Phase II | 134.1 | 79.1 | 7.2 | 141.3 | | | | | 501.1 | 201.1 | 26.2 | 527.3 |
| 3. Measurement of Road Width/Vehicle Speed Relationships | 3.7 | 3.7 | - | 3.7 | 11.6 | 3.8 | 2.0 | 13.6 | 15.4 | 7.5 | 2.0 | 17.4 |
| 4. Toll Road Study | 7.5 | 7.5 | - | 7.5 | - | - | - | - | 20.8 | 20.8 | - | 20.8 |
| 5. Appraisal Methodology of Airport Projects | 1.1 | 1.1 | - | 1.1 | - | - | - | - | 1.1 | 1.1 | - | 1.1 |
| 6. Yemen Arab Republic Feeder Road Study | 6.2 | 6.2 | - | 6.2 | 8.2 | 8.2 | 2.0 | 10.2 | 30.0 | 30.0 | 4.1 | 34.1 |
| 7. Impact on Port Congestion on Ship Scheduling | 3.7 | 3.7 | - | 3.7 | 2.3 | 2.3 | - | 2.3 | 6.0 | 6.0 | - | 6.0 |
| 8. Promotion of Road Construction Industry | 72.5 | 69.0 | 5.0 | 77.5 | 10.5 | 3.2 | - | 10.5 | 83.0 | 72.2 | 5.0 | 88.0 |
| 9. Compilation of Highway Design Standards | - | - | - | - | 10.0 | - | - | 10.0 | 10.0 | - | - | 10.0 |
| 10. Railway Traffic Costing Study | 1.5 | - | - | 1.5 | 18.5 | - | - | 18.5 | 20.0 | - | - | 20.0 |
| 11. Transport Policy in Developing Countries | 2.0 | - | 2.3 | 4.3 | - | - | - | - | 2.0 | - | 2.3 | 4.3 |
| 12. Urban Transport & the Automobile | 12.6 | - | - | 12.6 | 12.4 | - | - | 12.4 | 25.0 | - | - | 25.0 |
| Sub-total | <u>344.9</u> | <u>270.3</u> | <u>40.5</u> | <u>385.5</u> | <u>257.5</u> | <u>88.4</u> | <u>13.5</u> | <u>271.0</u> | <u>814.4</u> | <u>438.7</u> | <u>65.6</u> | <u>880.0</u> |
| II. Public Utilities | | | | | | | | | | | | |
| 1. Property Values & Water Supply Benefits | 26.0 | 26.0 | 2.4 | 28.4 | 5.0 | 5.0 | - | 5.0 | 31.0 | 31.0 | 2.4 | 33.4 |
| 2. Village Water Supplies | 10.5 | 10.5 | - | 10.5 | | | See Table 2 | | 10.5 | 10.5 | - | 10.5 |
| 3. Village Electrification | 9.4 | 6.9 | - | 9.4 | | | See Table 2 | | 9.4 | 6.9 | - | 9.4 |
| 4. Pricing & Investment in Electricity Supply | 8.6 | 8.6 | - | 8.6 | | | See Table 2 | | 8.6 | 8.6 | - | 8.6 |
| 5. Telecommunications | 5.8 | 4.8 | 3.3 | 9.1 | | | See Table 2 | | 5.8 | 4.8 | 3.3 | 9.1 |
| Sub-total | <u>60.3</u> | <u>56.8</u> | <u>5.7</u> | <u>66.0</u> | <u>5.0</u> | <u>5.0</u> | <u>-</u> | <u>5.0</u> | <u>65.3</u> | <u>61.8</u> | <u>5.7</u> | <u>71.0</u> |
| III. Urbanization & Regional Development | | | | | | | | | | | | |
| 1. Economic Models of Internal Migration | 6.4 | 6.4 | - | 6.4 | 8.1 | 8.1 | - | 8.1 | 14.4 | 14.4 | - | 14.4 |
| 2. The Urban Data Needs of the IBRD | 24.3 | 13.8 | 10.7 | 35.0 | 6.8 | 6.8 | - | 6.8 | 31.1 | 20.6 | 10.7 | 41.8 |
| Sub-total | <u>30.7</u> | <u>20.2</u> | <u>10.7</u> | <u>41.4</u> | <u>14.9</u> | <u>14.9</u> | <u>-</u> | <u>14.9</u> | <u>45.5</u> | <u>35.0</u> | <u>10.7</u> | <u>56.2</u> |
| IV. Human Resources | | | | | | | | | | | | |
| 1. Professional Structure in South-East Asia | 10.0 | 10.0 | - | 10.0 | 6.5 | 6.5 | 2.5 | 9.0 | 16.5 | 16.5 | 2.5 | 19.0 |
| 2. Labor Markets in Developing Countries | - | - | 3.2 | 3.2 | 13.2 | - | 12.5 | 25.7 | 15.2 | - | 19.8 | 35.0 |
| 3. Student Loan Schemes | 6.3 | 6.3 | 2.4 | 8.7 | 7.0 | - | 11.4 | 18.4 | 13.3 | 6.3 | 13.8 | 27.1 |
| 4. Labor Force Participation, Unemployment and Income | - | - | - | - | 25.0 | - | 7.0 | 32.0 | 28.0 | - | 12.0 | 40.0 |
| Sub-total | <u>16.3</u> | <u>16.3</u> | <u>5.6</u> | <u>21.9</u> | <u>51.7</u> | <u>6.5</u> | <u>33.4</u> | <u>85.1</u> | <u>73.0</u> | <u>22.8</u> | <u>48.1</u> | <u>12</u> |
| XI. Other | | | | | | | | | | | | |
| 1. International Hotel Comparison Survey | <u>7.0</u> | <u>7.0</u> | <u>-</u> | <u>7.0</u> | <u>10.5</u> | <u>10.5</u> | <u>-</u> | <u>10.5</u> | <u>24.5</u> | <u>24.5</u> | <u>-</u> | <u>24.5</u> |
| GRAND TOTAL | <u>784.4</u> | <u>672.3</u> | <u>210.4</u> | <u>994.9</u> | <u>580.5</u> | <u>253.8</u> | <u>187.6</u> | <u>768.1</u> | <u>1,893.5</u> | <u>1,303.0</u> | <u>429.2</u> | <u>2,322.7</u> |

NOTES:
See footnotes to Table 3. Only the FY72 cost figures are given here for items 1.8, VI.1, VII.2 to 5 which are under review again. Their FY73 costs appear in Table 2.

TABLE 5

ON-GOING INTERNAL RESEARCH PROJECTS

(Cost \$ '000)

| | <u>FY 1972</u> <u>Internal Cost</u> | <u>FY 1973</u> <u>Internal Cost</u> | <u>Total, All Years</u> |
|---|--|--|-------------------------|
| <u>III. Trade and International Finance</u> | | | |
| 1. The Growth Potential of Iron Ore Exports from Developing Countries | 2.8 | 1.2 | 4.0 |
| 2. Expansion of Sugar Production in Developing Countries | 1.0 | - | 1.0 |
| 3. Outlook for World Import Demand for Bauxite | 0.3 | 3.0 | 3.3 |
| 4. Trade Prospects for Tropical Hardwood in the Asia-Pacific Region | 3.6 | 0.3 | 3.9 |
| 5. The Future Prospects of Hard Fibers | 0.8 | - | 0.8 |
| Sub-total | 8.5 | 4.5 | 13.0 |
| <u>IV. Agriculture and Rural Development</u> | | | |
| 1. Case Study of Alternative Methods of Project Appraisal | 2.0 | - | 2.0 |
| 2. Analysis of Farmers' Response to New Rice Varieties in East Pakistan | 4.0 | - | 4.0 |
| Sub-total | 6.0 | - | 6.0 |
| <u>IX. Population</u> | | | |
| 1. Cost Patterns of Official Family Planning Programs | - | 3.0 | 3.0 |
| 2. Demographic Projections and Analysis | 2.0 | - | 2.0 |
| 3. Family Planning Programs - Evaluation of Results | - | - | - |
| Sub-total | 2.0 | 3.0 | 5.0 |
| <u>X. Human Resources</u> | | | |
| 1. Development Strategies and Employment Considerations | - | - | - |
| 2. Bank Lending and Employment | - | 0.5 | 0.5 |
| Sub-total | - | 0.5 | 0.5 |
| TOTAL | <u>16.5</u> | <u>8.0</u> | <u>24.5</u> |

NOTES:

- (i) This table is based on status report forms on on-going projects received.
(ii) No on-going internal research projects reported in Categories I, II, V, VI, VII, VIII and XI.
(iii) The internal cost figure is a sum of staff travel costs and data processing costs.

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Members, Research Committee

June 2, 1972

Ernest Stern

Research Material for Meeting, June 7

The attached book contains the material for the June 7 meeting of the Bank Research Committee. The following material is lacking and will be distributed Monday:

1. Review Panel comments on Project IV-2 - Land Tenure and Rural Development.
2. Review Panel comments on Project X-4 - Ghana Migration.
3. Budget Tables.
4. Memorandum on research priorities.

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OFFICE MEMORANDUM

TO: See Distribution

DATE: May 30, 1972

FROM: Ernest Stern *ES*SUBJECT: Meeting

We expect to be able to circulate material on the FY 1973 research proposals by June 2. This note is to ask you to reserve tentatively June 7, from 3-5 p.m. for a meeting of the Bank Research Committee. Since there are a number of general topics for discussion as well as a large volume of proposals a second meeting may be required. You may therefore wish to also reserve June 9 and 12 (same time). We can then choose the most convenient time on June 7.

DISTRIBUTION

H.B. Chenery, Chairman
E. Stern, Deputy Chairman
M. Qureshi (IFC)
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J. Baneth (SAS)
M. Haq (ECD)

Res Comm.

OFFICE MEMORANDUM

TO: See Distribution

DATE: May 15, 1972

FROM: Hollis B. Chenery *HBC*

SUBJECT: Bank Research Committee

1. The Bank Research Committee has been in operation for about a year. To provide a diversity of views and broad opportunity for participation by the Bank's economists I suggest that we rotate membership on an annual basis with some change in composition each year. On the basis of the first year's experience, I have expanded the membership to allow for absences from Washington.

2. For FY73 the following will be members of the Committee:

H.B. Chenery, Chairman
E. Stern, Deputy Chairman
M. Qureshi (IFC)
D. Avramovic (SAM)
R. Gulhati (DFC)
H. van der Tak (PD)
B. Balassa (DRC)
H. Adler (APD)
H. Schulmann (P&B)
P. Pablo Kuczynski (CAC)
J. Baneth (SAS)
M. Haq (ECD)

cc: Secretariat

Res Comm

The Research Committee

May 10, 1972

Ernest Stern

Objectives and Procedures of Research Management

OBJECTIVES

1. The Research Committee has the following tasks:

- (a) To recommend an overall research budget and allocate the resources among different subject areas and individual projects.
- (b) To recommend the total staff resources to be devoted to research and the distribution within the Bank required for the successful implementation of the research program.
- (c) To monitor the implementation of such other research objectives as involvement of LDC institutions, liaison with academic institutions and coordination of research with other agencies.
- (d) To encourage the dissemination of research output in the most useful form.
- (e) To evaluate the Bank research program and individual research projects.

2. These responsibilities require a fairly comprehensive information system, regular monitoring of each research project and periodic assessment of the research portfolio in terms of Bank objectives and priorities. The components of the system needed for effective management of the research program are described below.

CLASSIFICATION SYSTEM

3. A classification system has been developed for all research projects. This system will enable us to store information on the research program in the computer. The cross-classification of projects will provide current information on the cost and composition of the research portfolio as a basis for resource allocation and the development of projects in priority areas. An inventory of all Bank research projects is now in progress.

STATUS REPORTS

4. A quarterly research status reporting system is being instituted to permit a continuous broad review. This will provide:

- i) a better basis on which to plan financial and staff resources.
- ii) information on current expenditures.
- iii) information on the progress of research projects and on implementation problems.

EVALUATION REPORTS

5. In addition an evaluation system will be instituted. A sample of ongoing projects will be reviewed in depth during each year. The sample will be selected on the basis of the status reports. Each completed research project will be evaluated to summarize the important aspects of experience with that project and to draw lessons for the effective dissemination of the research information.

PROJECT PREPARATION AND APPROVAL

6. To ensure optimal allocation of funds approval will only be given to projects which have a clearly defined methodology and work schedule. If a research project presentation is unsatisfactory from this point of view, but the subject matter is deemed of importance, the Committee may suggest one of the following two alternatives:

- a) re-submission after appropriate preparatory work has been done by Bank staff.
- b) hiring a consultant to do the preparatory work. This may involve some travel and data processing.

This means that we will make increasing use of a two-step approach to projects, with the first phase being a "pre-inception" or preparatory phase. Apart from allowing us to visualize better the form of the final output and the likelihood of meaningful results this procedure will also give us an opportunity to assess the ability of selected consultants to perform the task before committing substantial funds.

PROJECT ORGANIZATION AND APPROVAL

7. We should follow a policy of phasing large studies, whenever meaningfully possible. The determination of appropriate phasing should be part of the research design or agreed on during the preparatory phase described above. Specifically,

- i) a study should be divided into phases whenever we can identify a first phase which has to be successfully completed before the second phase work can be meaningfully started. At the end of each phase the Committee will consider the continuation of the project.
- ii) a study which consists of several separable components from the point of view of execution and validity of target should be divided if it makes sense for the Committee to approve some of the components and not the others.
- iii) projects should be designed to yield useful results at the end of each phase whenever feasible.

8. In considering projects for approval the Committee should consider, in addition to the research design, the priority of the subject matter, and the relation of the specific project to the sector or the general subject, and the time in which useful results can be expected. The research portfolio should reflect Bank policy priorities, as well as operational needs, and have a mixture of short and longer term research projects.

RESEARCH DIRECTION

9. In order to ensure that our research portfolio develops in accordance with the overall priority needs of the Bank, the Committee may have to initiate the preparation of suitable research proposals in deficient areas. The performance of this task will, for the present, be on an ad hoc basis. However, if it proves necessary we may at a later date consider the institution of permanent sub-committees by functional areas to formally take charge of the identification and initiation of high priority research proposals within such areas.

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OFFICE MEMORANDUM

TO: Members of the Research Committee

DATE: March 13, 1972

FROM: Hollis B. Chenery *HBC*

SUBJECT: New Member

I have asked Mr. M.A. Qureshi, Economic Advisor in the I.F.C., to join the Research Committee and he has agreed.

cc: Mr. Gaud

Research Committee Members:

Messrs. ✓ E. Stern
B. King
M. Weiner
H.G. van der Tak
J.H. Adler
C. Weiss
D. Avramovic
R. Gulhati
B. Balassa

Mrs. I. Adelman

Messrs. Gulhati & van der Tak

January 27, 1972

Ernest Stern

Research Committee Meeting

A meeting of the Research Committee is scheduled for February 3. I should have the comments of your respective subcommittees on the research proposals by close of business February 1 so that it can be circulated to the other Committee members in advance of the meeting.

Members of the Research Committee

January 27, 1972

Ernest Stern

Research Committee Meeting

The next meeting of the Research Committee will be held on February 3, from 3:30 p.m. to 5:30 p.m. in Conference Room B. An agenda is attached.

The following documents are related to the agenda. If you are missing any prior to the meeting please call Mrs. Oakes (5451).

1. Research Proposal: Patterns of Demand and Savings in the Development Process (already circulated).
2. Research Proposal: Urban Transport and the Automobile (already circulated).
3. Research Proposal: Yemen Arab Republic: Feeder Roads (already circulated).
4. Comments of the reviewing committees (to be circulated).
5. Summary of mid-year Expenditure Review (to be circulated).
6. Proposals for FY1973 (to be circulated).
7. Proposed Seminar on Trade and Industrialization (to be circulated).

Attachment

cc: Mr. Demuth

A G E N D A

Research Committee - February 3, 1972

1. Review of Research Projects.
 - a. Patterns of Demand and Savings
Mr. Gulhati: reporting
 - b. Urban Transport and the Automobile
Mr. van der Tak: reporting
 - c. Yemen Arab Republic: Feeder Roads
Mr. van der Tak: reporting
2. Proposed Seminar on Trade and Industrialization
Mrs. Hughes
3. Mid-year Expenditure Review - Summary: Mr. Lowther
4. The FY1973 Research Budget.
 - a. Cost of ongoing projects
 - b. New proposals for FY1973

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OFFICE MEMORANDUM

TO: Mr. Hollis B. Chenery

FROM: Benjamin B. King

SUBJECT: Research Committee

DATE: October 29, 1971

I attach a summary of the implications of our recommendations, a completed form with details for each proposal, and notes on the individual proposals. I have not cleared the latter in its present version with the other two members of the subcommittee in detail, but I am pretty sure they are in broad agreement.

We have recommended acceptance of some proposals unconditionally and others conditionally; the conditions are explained in the notes. The total for FY72 comes to \$44,000 for the two categories.

There is a separate category which I have called "contingencies". Many of the proposals put to us have not gone through the interdepartmental mill in any real sense and were in pretty raw form. Since we would not like to foreclose the possibility of starting certain proposals in a modified form during the current fiscal year, we would also like to include a contingency item of approximately \$40,000. This is made up of two main items:

| | |
|---------------------------------|-----------------|
| Capital-labor substitution (14) | \$10,000 |
| East Africa (2,9) | <u>\$30,000</u> |
| Total | \$40,000 |

The allowance for proposal No.14 is explained in the notes. The allowance for "East Africa" deserves a little more explanation.

The two proposals listed above would be in East Africa. In addition, one of the countries selected for the study of traditional agriculture under proposal No.1 is Tanzania, also in East Africa. At the same time, Mr. Reutlinger is discussing with the East Africa Department what he calls a "pilot action cum research program". This geographical coincidence appears to merit more than just an observation of the fact. We cannot at this stage say how much interdependence or overlapping there is between proposals, but consider that this needs working out. It should be done in cooperation between the Area Department, the Projects Department and the Economics Department. The Program Review Division of the Economic Program Department might well be interested too. This does not mean that we will not end up with several different and differently listed research projects, but at least there will be some idea of what they look like as a whole

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rather than a collection of miscellaneous suggestions. We have allowed \$30,000 for expenditure this year under contingencies, for whatever program may be arrived at. This does not include the separate allowance for proposal No.1.

I should add that in one case (proposal No.4) we have recommended acceptance of a first stage. The total, as given in our listing, does not include anything beyond this first stage. It may be that there are a number of such projects where there are unidentified and uncosted second or third stages looming in the background. This is a general problem.

The conditions under which we had to process these proposals were not exactly ideal. I hope to make some suggestions for changes in procedure in a separate memorandum.

Attach. as stated.

BBKing:gg

cc. Mrs. Adelman)
Messrs. Gulhati)
Holsen)
Reutlinger) Research Committee
van der Tak)

Hendry
Lowther

Research Proposals - Topic Group IV-D

Summary of Recommendations

| | <u>Total</u> (\$ th.) | <u>FY72</u> (\$ th.) |
|--|--------------------------|-------------------------|
| A. <u>Unconditional acceptance</u> (4, 6, 12) | 11.3 | 9.0 |
| B. <u>Conditional acceptance</u> (1, 3) | <u>160.0</u> | <u>35.0</u> |
| <u>Subtotal (A & B)</u> | 171.3 | 44.0 |
| C. <u>"Contingencies"</u> (2, 9, 14) | ... | 40.0 |
| D. <u>Rejected</u> (5, 13) | ... | ... |
| E. <u>Not applicable</u> (7, 8, 10, 11, 15) | ... | ... |
| F. <u>Deferred</u> (16, 17) | ... | (40.7) |

BBKing:gg
October 29, 1971

TOPIC GROUP IV-D

| PROJECT | Staff Member Responsible | Department | Staff Time (man months) | | Consultants' Fees (\$000) | | | | | |
|--|--------------------------|------------|-------------------------|----|---------------------------|------|---------------------|------|-----------------------|------|
| | | | | | Requested | | Sub-Com. Recommends | | Research Com Approves | |
| | | | | | Tot | FY72 | Tot | FY72 | Tot | FY72 |
| 1. Farm Level Analysis of Typical Farming Operations | Reutlinger | ECD | 48 | 24 | 75.6 | 33.6 | 150.0 | 250 | | |
| 2. AGP Project Case Study (Lilongwe Project) | Reutlinger | ECD | 3 | 2 | 40.2 | 24.3 | 0 | 0 | ** | |
| 3. Development of Computer Simulation Models for Use in Appraisal Work. | Reutlinger | ECD | 2 | 1 | 16.8 | 12.6 | 10.0 | 10.0 | | |
| 4. An Analysis of the Agricultural Marketing Problems in Low-Income Countries. | Lele | ECD | 14 | 7 | 20.8 | 1.5 | 2.0 | 2.0 | | |
| 5. Study of Agricultural Research and Productivity Changes. | Reutlinger | ECD | | | | 30 | 0 | 0 | | |
| 6. Mechanization in India, its extent and its effect on Hired Labor. | Reynolds | S. Asia | | | | 2.6 | 2.6 | 2.6 | | |
| 7. East Pakistan: Farmers Response to the New Varieties. | Husain | ECD | | 1 | | | NA | NA | | |
| 8. Review of Small-farmer Participation in Yugoslav Agriculture. | Donaldson | ECD | 5 | 5 | | | NA | NA | | |
| 9. Evaluation of Alternative Livestock Production Schemes in East Africa. | Husain | ECD | | | | | 0.0 | 0.0 | ** | |
| 10. Reappraisal of Credits for Financing Farm Mechanization in Pakistan. | Donaldson | ECD | 8 | 8 | 3 | 3 | N.A. | N.A. | | |
| 11. Reappraisal of Indian Irrigation Projects. | Duane | ECD | 11 | 11 | 5 | 5 | N.A. | N.A. | | |

TOPIC GROUP IV - D cont.

| PROJECT | Staff Member Responsible | Department | Staff Time (man months) | | Consultants' Fees (\$000) | | | | | |
|--|--------------------------|--------------|-------------------------|-----|---------------------------|------|---------------------|------|-----------------------|------|
| | | | | | Requested | | Sub-Com. Recommends | | Research Com Approves | |
| | | | | | Tot | FY72 | Tot | FY72 | Tot | FY72 |
| 12. Livestock in the Mexican Agricultural Model. | Norton | DRC | 8.3 | 5.3 | 6.7 | 4.4 | 6.7 | 4.4 | | |
| 13. Study of Investment Costs in Relation to Employment and Underemployment. | Hendry | Agric. Proj. | 2 | 1 | 20 | 10 | 0 | 0 | | |
| 14. Study of Intermediate Technology. | Darnell | Agric. Proj. | 3 | 1 | 292.5 | 46.8 | 0 | 0 | | ** |
| 15. Research Design for Data Collection and Projects Analysis. | | ECD | 132 | 12 | 26.6 | 6.6 | NA | NA | | |
| 16. Research Related to Institutional and Management Aspects in Agricultural Development Projects. | Hendry | Agric. Proj. | 3 | 1 | 8.8 | 2.9 | * | * | | |
| 17. Scale economies in Beef Production | ? | ? | ? | ? | ? | 37.8 | * | * | | |

* Defused

** Contingencies

Notes on TOPIC GROUP IV-D
(Numbers follow the listing)

1. Transformation of Traditional Agriculture (new title for
"Farm Level Analysis of Typical Farming Operations")

This is an important subject. The studies are no doubt suggested because of the overwhelming obstacles facing any consideration of the transformation of traditional agriculture in a sector mission as it is now envisaged. It is thus a sort of pre-investment study for a sector mission. There is a legalistic question as to whether this proposal falls under the heading of research at all or whether it should be construed as part of the Bank's regular sector work. Because of its pioneer nature, we have included it under the heading of Research, recognizing that budgetary re-allocation may subsequently be necessary.

The basic idea is to find out what makes traditional agriculture tick. It is impossible to do this on a short sector mission. Instead, it is proposed that the Bank cooperate with research institutions already in the field in member countries. The design for data gathering at a micro level would be agreed upon. The field work over one year would be carried out largely by the research institution. In the following year the data would be analyzed. There would thus be an approximate two-year cycle for each country. A crude estimate of the total cost per country would be about \$150,000, but of course the Bank would not pay all of this. The studies would hopefully identify the base from which one wants to make changes and at least give indications of the obstacles to the introduction of new policies or programs. However, it may, where this is possible, be advisable to add an investigation of relevant past experience in making such changes.

Three countries are envisaged in the first instance: Mexico, Tanzania and Indonesia. No approach has yet been made to the relevant institutions in these countries. Therefore we do not have a satisfactory proposal in our hands. There is here a chicken-and-egg problem. Without having some authorization from the Committee, it is not going to be possible to approach these institutions. Our recommendation is that such an authorization be made, subject to satisfactory proposals being put forward later. It is unlikely that much will be spent this year. The total allowance made should be ample for two countries. It may be enough for three, but in any case a re-submission to the Committee for the third country is always possible.

2. Case Study on Lilongwe

This study answers the question: What has a particular Bank project accomplished? One may question what this will show unless it is related to agriculture as a whole in Malawi and, preferably, in East Africa. In other words, we have nothing against the case study, but it should be a case study in a context. The development of agriculture without projects such as this or with different kinds of intervention under similar conditions should be looked at as well, if not necessarily ⁱⁿ the same depth. The other "interventions" may or may not be Bank projects. The reasons why this particular project was chosen for the in-depth study have not been fully explained.

The proposal needs to be worked out in context of East African agriculture, as explained in the covering note. While no money has been

recommended for allocation, a substantial contingency item has been made for a study of this kind.

3. Computer Simulation Models

This is a reasonable proposal. An absolutely essential condition of it should be that, if some of the work cannot be done in-house, then there should be an in-house counterpart to any consultant in the Agriculture Projects Department. The recommendation is subject to this condition.

4. Agricultural Marketing Problems in Low-income Countries

In the outline attached, on the third page, there is a paragraph describing the first stage of this project. This seems to be the right way of proceeding and the first stage should be accepted.

5. Agricultural Research and Productivity Changes

This project may produce interesting results, though many people would have their doubts. In any case, it would seem to be beyond the frontiers of the Bank's comparative advantage. No allocation.

6. Mechanization in India

This is a continuation of a research project entrusted to a highly respectable organization, which has nevertheless failed to deliver the goods on time. It illustrates the importance of staging research projects and also devoting a certain amount of staff time to following them up. Moreover, the existence of this research project does not appear to be well-known in the Agriculture Projects Department.

Transferring the PEO data to tape would seem to be well worthwhile. It should be a crystal-clear condition that in doing so the Bank is able to make the information available to any research body it wishes within reason. On this understanding, this part is acceptable.

In addition, a small allowance for doing part of the study which was supposed to have been done before would also appear to be acceptable. It appears to be the only thing which Lockwood would do in the time available to him. The subject is also of considerable interest.

7. East Pakistan Farmers' Response to the New Varieties

No consultants' fees involved.

8. Review of Small Farmer Participation in Yugoslav Agriculture

No consultants' fees involved.

9. Evaluation of Alternative Livestock Production Schemes in East Africa

Mr. Husain is apparently at this time in East Africa trying to discover whether there is the basis for a proposal. We recommend waiting until he reports, but have included a contingency item under the general East African heading.

10. Reappraisal of Credits for Farm Mechanization in Pakistan

No consultants' fees appear to be involved at this time.

11. Reappraisal of Indian Irrigation Projects

Consultants' fees appear to have already been paid.

12. Livestock in the Mexican Agricultural Model

This is a modest investment in increasing the capability of a model which has already proved itself operationally. We recommend acceptance.

13. Investment Costs in Relation to Employment

It is doubtful whether this proposal deserves more than a modest in-house investment in the first instance to discover what information exists in the Bank. This is on the supposition that what is required is only a set of rule-of-thumb coefficients.

If one wants to go further, it is a little difficult to see why this proposal does not become a subdivision of the next proposal (No. 14). No allocation recommended.

14. Study of Intermediate Technology

This proposal envisages a large investment (about \$300,000) in a field of undoubted interest, but it has been put forward in ignorance of a parallel project. This is the "Study of the Substitution of Labor for Equipment in Road Construction", of which the draft report of Phase I has just come out. The proposal in the agricultural field which has been put forward should in fact have a similar title to this one and be considered under the same general umbrella. We have suggested to the Agriculture Projects Department that they study the draft report and come up with new proposals in the next six weeks or so. During this time, consultants used for the report on road construction will be in the Bank and the draft report will be reviewed. They have agreed to do this, although they are very strapped for people.

The proposal envisages investigation into two sorts of fields, public works (irrigation and land clearance) and farm production techniques. It seems quite clear that the first of these overlaps very greatly with the investigation into road construction. It would seem very much better to utilize the experience gained in the study on road construction and to extend it to other public works. One might well feel that agricultural public works deserve the first consideration. We have to consider in the timing of this whether it would not be most profitable to use the same consultants for this purpose. In any event, there seems to be a very strong case for broadening the road construction study, in conception at least, to include all public works. We have not considered at the moment how this should be managed interdepartmentally.

While some of the same conceptual problems and issues would be common to farm production techniques, it may well be that this particular sort of study will require a review of different kinds of literature, visits to different institutions and probably different consultants. It should of course not proceed in ignorance of the public works studies, but the connection can be a good deal looser.

We would hope that by December a more clearly defined proposal will be put forward. It is doubtful whether much money could be spent during the current fiscal year, so that we have allocated a fairly small sum for contingencies under this heading.

15. Research Design for Data Collection

No consultants' fees appear to be involved.

16. Institutional and Management Aspects in Agricultural Projects

This is an interesting idea, but our information on it is somewhat fragmentary. We have just received additional material on it which we hope to study. We are therefore deferring judgment for the moment.

17. Scale Economies in Beef Production

This proposal was on Mr. Lowther's first list, but not on his second list. I have not seen the proposal. It is included for the record.

OFFICE MEMORANDUM

TO:

DATE: May 13, 1971

FROM: Hollis B. Chenery *HSC*SUBJECT: Research Proposals

The Bank is proceeding toward the establishment of a Research Program. A Research Committee* has been established to advise me on the allocation of funds for consultants and other forms of external support and to assist me in evaluating the merits of proposed research projects. For the time being, the Committee is only concerned with the allocation of consultants funds for research budgeted for FY72. When the administrative arrangements for the Research Program are in full operation, the Research Committee will review all major projects undertaken with Bank resources.

Researchers wishing to use FY72 consultants funds for their project should submit a proposal using the instructions and form attached to this memo. The extent of justification required on each project will vary according to the amount of money involved. Proposals should be submitted to Department Directors for consolidation into Departmental lists. We will generally follow the recommendations of Department Directors on small items and respect departmental priorities as far as possible. Departmental lists should, therefore, be arranged in order of priority.

We would like to allocate the FY72 consultants budget before the beginning of the fiscal year on July 1, 1971. To give the Research Committee adequate time to review the proposals, the departmental lists, with proposals attached, should be submitted to Mr. Lowther not later than May 28, 1971. (Incidentally, the instructions and forms being used are still in the development stage and Mr. Lowther will be happy to answer questions regarding their use and receive suggestions for improving them.)

HBChenery:jln

* Research Committee

Mr. Hollis B. Chenery, Economic Adviser to the President
Mr. B. Balassa, Consultant
Mr. J. Adler, Director, Programming and Budgeting Department
Mr. D. Avramovic, Chief Economist, South America Department
Mr. G. Baldwin, Economic Adviser, Projects Departments
Mr. R. Gulhati, Chief Economist, Development Finance Companies Dept.
Mr. B. King, Senior Adviser, Economic Program Department
Mr. M. Weiner, Director, Public Utilities Projects Department

INSTRUCTIONS FOR SUBMITTING
RESEARCH PROPOSALS TO THE
RESEARCH COMMITTEE

GENERAL:

Researchers wishing to use Consultants Funds for research projects must have those projects entered into the Bank Research Program. Projects are placed in the program after review and approval by the Research Committee. All projects will be judged on the basis of information submitted in accordance with these instructions, supplemented by a discussion of the larger projects.

THE RESEARCH PROPOSAL FORM:

The attached form is designed to provide certain standard items of information required on all projects. It should be submitted as the top sheet on all proposals. The following comments refer to the items on the form:

- PART I
- #1. The title should be brief and descriptive.
 - #2. The Sponsoring Department is the one to which all budget charges will be made. It need not be the initiating Department or the Department in which the work is done.
 - #3. The staff member responsible is the Bank "contact man" on the project. He need not be the project director.
 - #4. Research done internally requires no consultants funds and a proposal is not requested at this time. Research done externally is paid for out of the consultants budget - associated staff time is for supervision only. Check "Both" if the project requires consultants and more than supervisory involvement of staff members.

PART II In the space provided, answer queries 1 and 2. Check the appropriate blocks under item 3.

PART III Estimate the staff time and consultants, travel and data processing costs by fiscal year. Indicate the FY concerned at the top of each column. (A detailed budget work sheet to help you make estimates is available.)

PART IV When completed, submit the proposal to the director of the sponsoring department and then to the Research Committee.

THE PROJECT DESCRIPTION

Attach to the form a description of the project in whatever detail you think is useful. The description may be presented in any convenient format, but should contain at least the following information:

- a) the title,
- b) the names of the researchers involved, showing department and division for staff members and affiliation, if any, for consultants,
- c) a brief review of previous work done on the subject,
- d) a description of the work planned and,
achieved
- e) expected contributions to Bank research objectives.

PART I IDENTIFICATION

1. Title:
 2. Sponsoring Department:
 3. Staff Member Responsible:
 Department: _____ Division: _____
4. Research to be done: Internally Externally Both

PART II PROJECT SUMMARY (attach full details as indicated in Instructions)

1. Problem to be analyzed:

2. Proposed research method:

3. Purpose: a) Establish factual or conceptual basis for Bank policy
 b) Support Bank operations in particular sectors
 c) Increase knowledge of the basic development process
 d) Develop institutional capacity for research in LDC's

PART III BUDGET SUMMARY

Budget unit to be charged: Department: _____ / Division: _____

| | Through Current FY | FY | FY | FY |
|---|-----------------------|----|----|----|
| Professional Staff (estimated man-months) | | | | |
| Special Services Staff " " | | | | |
| FY Totals: | — | — | — | — |
| Consultants' Fees (\$000) | | | | |
| Travel (\$000) | | | | |
| Data Processing (\$000) | | | | |
| FY Totals: | — | — | — | — |

PART IV APPROVAL

Sponsoring Department Approval: _____ Date: _____

Research Committee Approval: _____ Date: _____

Project Number (to be assigned by Research Committee) _____

Review Panel Meetings

Those listed below

October 7, 1974

D. C. Rao, VPD

Panel Review of Research Proposals

A panel consisting of Messrs. Karaosmanoglu (Chairman), Ahluwalia and Carmignani will review the following research proposal on Friday, October 11 at 3:00 p.m. in Room E-723. Mrs. Hughes and Mr. Thoumi will attend.

| <u>Title</u> | <u>Proposer</u> |
|--|-----------------|
| Industrial Capacity Utilization in Malaysia | Thoumi |

Copies of the research proposal and the draft report for Malaysia* are enclosed.

The recommendations of the panel should be sent to me by October 15.

Enclosures

Distribution: Mr. Karaosmanoglu
Mr. Ahluwalia
Mr. Carmignani
Mrs. Hughes
Mr. Thoumi

cc: Messrs. B. B. King
Gulhati
Mrs. Hazzah

*Will follow.

DCRao:gm

Those listed below

October 4, 1974

D. C. Rao, VPD

Panel Review of Research Proposals

A panel consisting of Messrs. Gulhati (Chairman), de Azcarate, Dunkerley and Linn will review the following research proposals on Wednesday, October 16, 1974 at 10:00 a.m. in Room D530. Messrs. Rovani and Sheehan will attend.

| <u>Title</u> | <u>Proposer</u> |
|---|-----------------|
| Standards of Urban Electricity Distribution - Phase II | Sheehan |

Copies of the proposal and the State of the Art paper produced in Phase I of this research project are enclosed.

The recommendations of the panel should be sent to me by October 18.

Enclosures

Distribution

Messrs. Gulhati, de Azcarate, Dunkerley, Linn, Rovani,
Sheehan

cc: Mr. B. King, Mrs. M. Hazzah

DCRao:gm

Those listed below

October 3, 1974

D. C. Rao, VPD

Panel Review of Research Proposals

1. A panel consisting of Messrs. Schulmann (Chairman), John Holsen, Timothy King, and Andreas Tsantis will review the following research proposal on Wednesday, October 9 at 3:00 p.m. in Room E-624. Mr. Jallade will attend.

| <u>Title</u> | <u>Proposer</u> |
|---|-----------------|
| The Determinants of Schooling in Northeast Brazil | J-P. Jallade |

2. Copies of the proposal from Mr. Jallade and the background document from ECIEL are attached.

3. The recommendations of the panel should be sent to me by October 14.

Attachments

Distribution:

Messrs. Schulmann, Holsen, T. King, A. Tsantis, Jallade

cc: Messrs. B. King, Ballantine, Mrs. Hazzah

DCRao:gm

Those listed below

October 3, 1974

D. C. Rao, VPD

Panel Review of Research Proposals

A panel consisting of Messrs. Balassa (Chairman), Basil Kavalsky, Roger Norton, Shamsheer Singh and Jean Waelbroeck will review the following research proposals on Friday, October 11 at 10:00 a.m. in Room N-236. Messrs. C. Bruce, A. Egbert and S. Reutlinger will attend.

| <u>Title</u> | <u>Proposers</u> |
|---|------------------|
| Raising the Productivity of Small Farms | Bruce/Egbert |
| Simulation of Buffer Stocks | Reutlinger |

Copies of the research proposals are attached.

The recommendations of the panel should be sent to me by October 15.

Attachments

Distribution

Messrs. Balassa, Kavalsky, Norton, Singh, Waelbroeck, Bruce, Egbert, Reutlinger

cc: Messrs. B. King, Yudelman, Gulhati, Mrs. Hazzah

DCRao:gm

See distribution below

July 22, 1974

D. C. Rao, VPD

Panel Review of Research Proposals

1. A panel consisting of Messrs. Schulmann (Chairman), Yenal*, Selowsky and Noor will review the following research proposals on Tuesday, July 23 at 11:00 a.m., in Room E-624:

| <u>Title</u> | <u>Proposer</u> |
|---|-----------------|
| Methodology for Evaluation of Education Attainment - Phase II | Hultin |
| Economic Development and Education Reform | Simmons |
| Pricing and Financing of Urban Public Services - Water Supply & Sewage Disposal | Linn |

2. Copies of the proposals have been sent to members of the review panel. The recommendations of the panels should be sent to me by July 25.

Distribution:

Messrs. Schulmann, Yenal, Selowsky, Noor, Hultin, Simmons, Linn
cc: Messrs. Stern, Ballantine, Gulhati, B. King, Mrs. Hazzah

* Mr. Yenal will attend the meeting at 11:30 a.m.

MHazzah:gm

See distribution below

July 18, 1974

D. C. Rao, VPD

Panel Review of Research Proposals

1. A panel consisting of Messrs. Avramovic (Chairman), Lerdaу, Muller and Ray, will review the following research proposals on Monday, July 22 at 10:00 a.m., in Room A-908:

| <u>Title</u> | <u>Proposer</u> |
|---|-----------------|
| Prototype Models for Country Analysis | Norton/Celasun |
| Macro Model for Bangladesh | Agarwala |
| Analytсs of Change in Rural Communities | Norton/Hazell |

The proposers will participate in the discussion of their proposals.

2. Copies of the proposals are being sent to members of the review panel herewith. The recommendations of the panels should be sent to me by July 25.

Enclosures

Distribution:

Messrs. Avramovic, Lerdaу, Muller, Ray, Norton, Celasun,
Agarwala, Hazell

cc: Messrs. Stern, B. King, Duloy
Mrs. Hazzah

Mr. H. Adler, EAN

September 24, 1973

Paul E. Smith, VPD

Research Committee Review Panels

Thank you for accepting the chairmanship of the panel reviewing the following projects:

1. Developing Larger Rice Output in Monsoon Asia.
(F. Lowenstein)
2. Population Growth and Rural Poverty. (T. King)
3. Economic Aspects of Household Fertility Behavior and Labor Supply in N.E. Brazil. (T. King)
(The proposal is not attached. A copy will be available early this week).

Attached please find a copy of the proposals. Please attempt to hold your review meetings and prepare your final recommendations to the Research Committee by October 9, 1973. The final recommendations should be sent directly to me.

As you may know, the project monitor/sponsor is normally invited to discuss the project with the review panel, and you should allow adequate time for that when scheduling the meeting.

Attachments

cc: Panel Members: Messrs. Hablutzel
D. Greene
G. Baldwin
Project sponsors: Messrs. F. Lowenstein
T. King

PSmith/mp

Mr. Gulhati, ECDDR

September 21, 1973

Paul E. Smith, VPD

Research Committee Review Panels

Thank you for accepting the chairmanship of the panel reviewing the following projects:

1. Education Project Evaluation Methodology, Phase II.
2. Cost-Effectiveness of a Vocational Training Scheme.

Attached please find a copy of the proposals. Please attempt to hold your review meetings and prepare your final recommendations to the Research Committee by October 9, 1973. The final recommendations should be sent directly to me.

As you may know, the project monitor/sponsor is normally invited to discuss the project with the review panel and you should allow adequate time for that when scheduling the meeting.

cc: Panel Members: Messrs. M. Wolf
B. Cheek
D. Wood
Project sponsor: Mr. Hultin

PSmith/mp

Mr. Avramovic, LA

September 18, 1973

Paul E. Smith, VPD

Research Committee Review Panels

Thank you for accepting the chairmanship of the panel reviewing the following project:

1. Impact of Potable Water Supply on Village Community Development.

Attached please find a copy of the proposal. Please attempt to hold your review meetings and prepare your final recommendations to the Research Committee by October 9, 1973. The final recommendations should be sent directly to me.

As you may know, the project monitor/sponsor is normally invited to discuss the project with the review panel, and you should allow adequate time for that when scheduling the meeting.

Attachment

cc: Panel Members: Messrs. Acharya
Stoutjesdijk
Ms. Lele
Project sponsor: Mr. Warford

Mr. B. Balassa, DRCDR

September 18, 1973

Paul E. Smith, VPD

Research Committee Review Panels

Thank you for accepting the chairmanship of the panel reviewing the following projects:

1. Urban and Regional Subsystems in West Malaysia
2. Urban Land Use Policies: Taxation and Control

Attached please find a copy of the proposals. Please attempt to hold your review meetings and prepare your final recommendations to the Research Committee by October 9, 1973. The final recommendations should be sent directly to me.

As you may know, the project monitor/sponsor is normally invited to discuss the project with the review panel, and you should allow adequate time for that when scheduling the meeting.

Attachments

cc: Panel Members: Messrs. Churchill
Ahluwalia
Hasan o/r October 3, 1973

Project sponsor: Mr. Keare

PSmith/mp

Mr. Schulmann, P & B

September 18, 1973

Paul E. Smith, VPD

Research Committee Review Panels

Thank you for accepting the chairmanship of the panel reviewing the following project:

1. Distributive Impact of Public Expenditures.

Attached please find a copy of the proposal. Please attempt to hold your review meetings and prepare your final recommendations to the Research Committee by October 9, 1973. The final recommendations should be sent directly to me.

As you may know, the project monitor/sponsor is normally invited to discuss the project with the review panel, and you should allow adequate time for that when scheduling the meeting.

Attachment

cc: Panel Members: Messrs. Please o/r September 24, 1973
Israel
Lachman
Ms. Yudin
Project sponsor: Mr. Yenal

PSmith/mp

R

Messrs. Kuczynski and Willoughby

May 17, 1972

Ernest Stern

Research Proposal: DFCs

Please find attached a copy of a research proposal on DFCs. Mr. Qureshi, who will chair the review group, will get in touch with you to arrange a date for meeting.

cc: Mr. Qureshi

R

Mr. Qureshi

May 17, 1972

Ernest Stern

Research Proposal - DFCs

Would you, together with Messrs. Willoughby and Kuczynski, review the attached research proposal and prepare recommendations to the Research Committee. I should like to discuss this proposal with you prior to the review meeting.

cc: Messrs. Gulhati
Hayes
Please
Ahluwalia
Wood

R

Messrs. van der Tak, H. Adler,
Carter, Yenal and Willoughby
E. Stern

May 17, 1972

Research Proposal: Utilities

Attached are five additional proposals for your review, four in public utilities and one in transportation. The four public utility projects are on-going, their extension being at issue. Consequently I am sending you copies of the status reports received on these projects.

Attachments

cc: Messrs. Henderson
Churchill
Anderson
Skolnick
Weiner
Berrie
Warford
Geolot
Pouliquen

Messrs. J. Adler, Blobel, Lerdau,
and Shourie
Ernest Stern

May 9, 1972

Research Proposals on Agriculture

I am sending you copies of two proposals received from Mr. Reutlinger and one from Mr. Hendry. Mr. Hasan, who will chair the review for the Research Committee, will contact you to arrange for a meeting time.

Attachments

cc: Mr. Hasan

Mr. P. Hasan

May 9, 1972

Ernest Stern

Research Proposals on Agriculture

Please find attached two research proposals received from Mr. Reutlinger (ED) and one from Mr. Hendry (Agriculture Projects). Attached also for your information are (i) general guidelines for the review of research proposals and (ii) a copy of my memorandum to the Research Committee on research management.

Would you, together with Messrs. J. Adler (P&B), Lerdau (EPD), Blobel (South Asia, available till May 17) and Shourie (EPD) review the projects and prepare recommendations for the Research Committee. I have sent copies of the proposals to the other members of the review group.

I should appreciate receiving your recommendations by May 18 or as soon as possible. Please advise me or Mr. Ray as to the dates of the review meetings as one of us may wish to attend.

Attachments

cc: Messrs. Henderson, Reutlinger,
H. Adler, J. B. Hendry

Messrs. Haq, Baldwin, Ahluwalia

May 9, 1972

Ernest Stern

Research Proposal: Education

Attached is a research proposal received from Education Projects. Mr. Gulhati, who will chair the review for the Research Committee, will contact you to arrange for a meeting time.

Attachment

cc: Mr. Gulhati

Mr. Gulhati

May 9, 1972

Ernest Stern

Research proposal: Education

Attached is a research proposal received from the Education Projects Department. Would you, together with Messrs. Haq (ED), Baldwin (Population Projects) and Ahluwalia (EPD) review the project and prepare recommendations for the Research Committee. I have sent copies to the other members of the review group. I should appreciate receiving your recommendations by May 17 or as soon as possible. Please inform me or Mr. Ray as to the date of meeting as one of us may wish to attend.

Also attached for your information are (i) general guidelines for the review of research proposals and (ii) a copy of my memorandum to the Research Committee on research management.

Attachments

cc: Messrs. Hultin, Thias, Willoughby

Mr. Gilmartin and Mrs. Adelman

May 9, 1972

Ernest Stern

Review of Research Proposal

Attached is a research proposal from the Economic Program Department. Mr. Gulhati, who will chair the review for the Research Committee, will contact you to arrange for a meeting time.

Attachment

cc: Mr. Gulhati

Mr. Gulhati

May 9, 1972

Ernest Stern

Review of Research Proposal

Attached is a research proposal from the Economic Program Department. Would you, together with Mrs. Adelman (DRC) and Mr. Gilmartin (East Asia & Pacific) review the project and prepare recommendations for the Research Committee. I should appreciate receiving your recommendations by May 17 or as soon as possible. Please inform me or Mr. Ray as to the date of meeting as one of us may wish to attend.

Also attached for your information are (i) general guidelines for the review of research proposals and (ii) a copy of my memorandum to the Research Committee on research management.

Attachments

cc: Mr. Hayes
Mr. Carter

Gen

Mr. Avramovic

May 9, 1972

Ernest Stern

Review of Research Proposal

Attached is a research proposal received from the Economics Department. Would you, together with Mrs. Adelman (DRC) and Mr. Shouri (EPD) and Mr. Kuczynski (Central America and Caribbean) review the project and prepare recommendations for the Research Committee. I should appreciate receiving your recommendations by May 17 or as soon as possible. Please inform me or Mr. Ray as to the date of meeting as one of us may wish to attend.

Also attached for your information are (i) general guidelines for the review of research proposals and (ii) a copy of my memorandum to the Research Committee on research management.

Attachments

cc: Mr. Henderson
Mr. Tiemann

Ben

Messrs. Kuczynski, Shouri
and Mrs. Adelman
Ernest Stern

May 9, 1972

Review of Research Proposal

Attached is a research proposal received from the Economics Department. Mr. Avramovic, who will chair the review for the Research Committee, will contact you to arrange for a meeting time.

Attachment

cc: Mr. Avramovic

ban

Mr. Barend A. de Vries

May 9, 1972

Ernest Stern

Research Proposals: Commodities

Attached are three proposals from the Economics Department. Would you, together with Mr. Goreux (DRC), Mr. Tims (ECD), and Mr. Baneth (South Asia) review the project and prepare recommendations for the Research Committee. I should appreciate receiving your recommendations by May 17 or as soon as possible. Please inform me or Mr. Ray as to the date of meeting as one of us may wish to attend.

Also attached for your information are (i) general guidelines for the review of research proposals and (ii) a copy of my memorandum to the Research Committee on research management.

Attachments

cc: Mr. Henderson
Mr. Price

Ben

Messrs. Goreux, Tims, Baneth

May 9, 1972

Ernest Stern

Research Proposal: Commodities

Attached are three proposals from the Economics Department. Mr. de Vries, who will chair the review for the Research Committee, will contact you to arrange for a meeting time.

Attachments

cc: Mr. de Vries

Car

Mr. H. van der Tak

May 9, 1972

Ernest Stern

Research Proposals on Transport, Tourism and Utilities

Please find attached two proposals from Transportation Projects Department, one from Economics Department, one from the Public Utilities Projects Department and two from Tourism Projects Department. Attached also is (i) general guidelines for the review of research proposals and (ii) copy of my memorandum to the Research Committee on research management.

Would you, together with Messrs. Willoughby (P&B, available till May 17), Yenai (ECD), H. Adler (Agriculture Projects) and Carter (ECD) review the projects and prepare recommendations for the Research Committee. I should greatly appreciate receiving your recommendations by May 18, or as soon as possible. Kindly inform me or Mr. Ray as to the dates of the review meetings as one of us may wish to attend.

Attachments

Messrs. H. Adler, Carter, Willoughby,
and Yenal
Ernest Stern

6er
May 9, 1972

Research Proposals on Transport, Tourism and Utilities

Please find attached copies of three research proposals on transport, two proposals on tourism and one on public utilities. Mr. van der Tak, who will chair the review for the Research Committee, will contact you to arrange for a meeting time.

Attachments

cc: Mr. van der Tak

RC Meeting Minutes

OFFICE MEMORANDUM

TO: Research Committee Members

DATE: October 22, 1974

FROM: D. C. Rao, VPD *DR*SUBJECT: Minutes of Research Committee Meeting
October 21, 1974

Present: Messrs. Balassa, Chenery, de Vries,
Karaosmanoglu, Lerda, Schulmann,
Thalwitz, van der Tak, Vergin,
Waelbroeck, Yudelman

The Research Committee met on October 21, from
3:00 p.m. to 4:30 p.m. The following decisions were
reached:

Foodgrain Production in Asia

It was decided not to increase the previously
approved allocation of \$50,000 for this project. If
additional resources are required for FY75, the project
supervisors should be asked to make a further request.

Simulation of Buffer Stocks

The proposal was rejected on the grounds of not
being satisfactorily formulated and not sufficiently
responsive to operational needs. The proposal did not
account for the response of producers to the effect of
buffer stock policies on the movements of producer prices;
and did not satisfactorily integrate international trade
opportunities into the formulation of buffer stock policies.
It was strongly felt that research on this subject was
important and relevant to Bank operations. It was felt
that research on this subject should start expeditiously
and that Mr. Reutlinger should be approached to develop
a research proposal that would satisfy these concerns.

Raising the Productivity of Small Farms

Despite considerable reservations about the
formulation of this research proposal, it was decided
to approve \$30,000 for the Tanzania case study. The
project supervisors would be asked to submit a brief
statement describing what the research would consist of
to Mr. King, which would then be circulated to the Research
Committee. Further financing for additional case studies
would be conditional on the Committee being satisfied with
the results of the Tanzania study.

Capacity Utilization

The Research Committee approved the proposal for \$16,000 in FY75.

Standards of Urban Electricity Distribution

The Research Committee approved \$29,000 for Phase II of this project (RPO 267) for FY75. This amount was arrived at by deducting \$9,400 (for the third case study) from the request of \$38,500.

The Determinants of Schooling in Northeast Brazil

The Research Committee rejected this proposal. Some members felt that although this proposal was rejected, it would be desirable for the Bank to be involved in the ECIEL education research program.

The Committee discussed the need for seminar style discussions of research priorities in selected areas. Three subjects on which such discussions would be fruitful were (a) information requirements for rural development projects; (b) education; (c) urban and regional development. The Secretary would pursue these possibilities with the departments concerned.

The Secretary was directed to distribute Mr. Westphal's memorandum on public enterprise research to the Research Committee members.

The authors of the study, "Multi-Level Planning: Case Studies in Mexico" should be congratulated on their being awarded the Lanchester Prize.

Distribution: Messrs. Chenery, Balassa, B. de Vries,
Karaosmanoglu, B. King, Lerdau,
Schulmann, Thalwitz, van der Tak,
Vergin, Waelbroeck, Yudelman,
Mrs. Hughes

Research Committee Members

July 30, 1974

D. C. Rao, VPD

Minutes of Research Committee Meeting
July 29, 1974

Present: Messrs. Adler, Balassa, Chenery, Gulhati,
King, Schulmann, van der Tak,
Yudelman, Avramovic (until 4:00 p.m.)

The Research Committee met on July 29, from
3:00 p.m. to 5:15 p.m. The following decisions were
reached:

Macro-Model for Bangladesh

This proposal was rejected. The proposers should
be asked to inquire about the Ford Foundation which might
already be financing a similar study.

Prototype Models for Country Analysis

The proposal was accepted with a reduced financial
allocation of \$50,000 for FY75. A steering committee would
be established to guide work on this project.

Foodgrain Production in Asia

It was agreed that preliminary work on this
proposal should commence this year, along the lines of
paragraph 8(a) and (b) of the panel report (memorandum
from Messrs. Raj Krishna and Anandarup Ray to Mr. D. C.
Rao, dated May 16). During FY75, there should be a survey
of the present study of knowledge on the topic, and a new
proposal should be submitted for a decision on continued
financing of this research. The proposers should also
explore the extent to which other research institutions
could undertake research in the determinants of the supply
of foodgrains in Asia. The financial allocation for FY75
would be up to \$50,000.

Analytics of Change in Rural Communities

The proposal was accepted. The financial
allocation for FY75 is \$57,000.

Pricing and Financing of Urban Public Services:
Water Supply and Sewage Disposal

The recommendation of the panel was accepted.
The study will be confined to two cities, with the field
work for the second city being done in FY76. The financial
allocation for FY75 would be approximately \$35,000; the
precise allocation would be subject to a review of the
budget.

Methodology for the Evaluation of
Education Attainments: Phase II

The proposal was accepted. The financial allocation for FY75 is \$40,000.

Economic Development and Educational Reform

The revised proposal, submitted in accordance with the panel recommendation, was accepted. The financial allocation for FY75 is \$14,000.

The Research Committee noted that a proposal would be forthcoming for the in-depth study of three or four countries on the productivity and output of small farms. It had previously been stated that detailed proposals would be submitted by FAO in July 1974 (memorandum from Mr. Yudelman to Mr. McNamara, dated May 22, 1974).

Including the amounts allocated at this meeting, the total financial authorizations for FY75 are now \$2,012,000.

Distribution:

Messrs. Chenery, Stern, H. Adler, Avramovic, Balassa, Baneth,
Gulhati, Karaosmanoglu, B. King, Qureshi, Schulmann,
van der Tak, Yudelman

cc: Mrs. Hazzah

DCRao:gm

Members of the Research Committee

July 11, 1974

D. C. Rao, VPD

Minutes of the Research Committee Meeting
July 10, 1974

Present: Messrs. Adler, Balassa, Baneth,
Chenery, B. King, van der Tak,
Yudelman

The meeting considered the proposal "Urban Traffic Restraint (Singapore)". It was agreed that an allocation of \$110,000 should be made for the research project in FY75, the balance of \$55,800 to be solicited from the UN Environment Program. If the UNEP rejects the proposal, the Research Committee will reconsider the financial allocation for FY75 at its next meeting.

Distribution:

Messrs. Chenery, Stern, H. Adler, Avramovic, Balassa, Baneth,
Gulhati, Karaosmanoglu, B. King, Qureshi, Schulmann,
van der Tak, Yudelman

DCRao:gm

D. C. Rao, VPD

Minutes of Meetings on June 12 and 18, 1974

1. The attached table shows the financial allocations that were approved by the Committee from the FY1975 budget. The total sum approved at these meetings is \$832,400.
2. Special provisions were stipulated for the following projects:
 - (i) Promotion of Non-Traditional Exports (Proposal II.1)

Mr. Balassa should be included in the group that is to review the choice of consultants and their terms of reference.
 - (ii) World Commodity Models (Proposal II.3)

A small sub-committee of the Research Committee should be formed to guide further work on this subject. This "Steering Committee on Commodity Models" should be consulted in defining the first phase of the research.
 - (iii) Rural Savings and Investment (Proposal III.3)

Only Component I of the proposal is approved.
 - (iv) Industrial Capacity Utilization (Proposal IV.1)

Only the seminar (item entitled "Final Seminar, Autumn 1974" in Annex E) is approved.
 - (v) CAMS

Mr. Gulhati and Mrs. Hughes should define the instruments by which the Bank can influence the quality of future CAMS research. The primary objective should be to improve the institution rather than to merely supervise the approved projects. The Bank staff manpower necessary to achieve this objective should be identified.
 - (vi) Employment Models and Projections (Proposal VIII.b.2)

Regions should approve the choice of countries for this research.

June 25, 1974

3. The Committee noted that Mr. McNamara wished to have the Research Committee's opinion of the proposed FAO/IBRD cooperative research project on small farms. Mr. B. King will constitute a review panel and ascertain the views of the Research Committee for transmission to Mr. McNamara.

4. The following proposals were rejected:

Choice of Technology in Bank Projects (Proposal III.3)

Urban Transport Models (Proposal V.3)

Cost-Saving in Rural Water Supply and Sanitation
(Proposal VI.1)

5. Decisions on the following proposals were deferred to the next meeting:

Incentives for Manufactured Exports (Proposal II.2)

Foodgrain Production in Asia (Proposal III.1)

Study of Traffic Restraint in Singapore
(Proposal V.1)

Urbanization Standards for Site and Services
Projects (Proposal VII.1)

Methodology for Evaluation of Education Attainment
Phase II (Proposal VIII.a.1)

6. The next meeting of the Research Committee will be towards the end of July.

Attachments

Distribution: Messrs. Chenery, Stern, H. Adler, Avramovic,
Balassa, Baneth, Gulhati, Karaosmanoglu,
B. King, Qureshi, Schulmann, van der Tak,
Yudelman

DCRao:gm

PROPOSALS APPROVED AT MEETINGS ON JUNE 12 & 18, 1974

| <u>Category/Title (RPO No.)</u> | <u>FY75 Allocation (\$'000)</u> |
|---|-------------------------------------|
| <u>I. Development Policy and Planning</u> | <u>339.0</u> |
| <u>A. General Planning</u> | - |
| <u>B. Income Distribution</u> | <u>189.0</u> |
| 1. Evaluation of Asian Data on Income Distribution | I.b.1 39.5 |
| 2. Employment and Income Distribution in Malaysia | I.b.2 31.0 |
| 3. Evaluation of Latin American Data on Income Distribution | I.b.3 41.5 |
| 4. Distributive Impact of Public Expenditure | I.b.4 77.0 |
| <u>C. Growth/Country Economic Analysis/ Development Strategy</u> | <u>150.0</u> |
| 1. Project Appraisal and Shadow Prices | I.c.1 20.0 |
| 2. Patterns of Demand and Savings | I.c.2 22.5 |
| 3. Choice of Technology in Bank Projects | I.c.3 - |
| 4. Maximizing Usefulness of Household Surveys | I.c.4 17.5 |
| 5. International Comparison | I.c.5 90.0 |
| <u>II. International Trade and Finance</u> | <u>65.0</u> |
| 1. Promotion of non-traditional Exports | II.1 40.0 |
| 2. Incentives for Manufactured Exports | II.2 - |
| 3. World Commodity Models | II.3 25.0 |

| <u>Category/Title (RPO No.)</u> | | <u>FY75 Allocation (\$'000)</u> |
|---------------------------------|--|---------------------------------|
| III. | <u>Agriculture & Rural Development</u> | <u>109.2</u> |
| | 1. Food Grain Production in Asia III.1 | - |
| | 2. Rural Development in N.E. Brazil III.2 | 97.2 |
| | 3. Rural Savings & Investment III.3 | 12.0 |
| IV. | <u>Industry</u> | <u>26.8</u> |
| | 1. Industrial Capacity Utilization IV.1 | 6.8 |
| | 2. Patterns of Industrial Development IV.2 | 20.0 |
| V. | <u>Transportation</u> | <u>52.0</u> |
| | 1. Study of Traffic Restraint in Singapore V.1 | - |
| | 2. Economics of Containerization V.2 | 20.0 |
| | 3. Urban Transport Models V.3 | - |
| | 4. Malagasy Feeder Road V.4 | 32.0 |
| VI. | <u>Public Utilities</u> | <u>63.0</u> |
| | 1. Cost Saving in Rural Water Supply and Sanitation VI.1 | - |
| | 2. Village Electrification VI.2 | 13.0 |
| | 3. Public Utility Pricing and Investment VI.3 | 30.0 |
| | 4. Reduction of Waste Water VI.4 | 20.0 |
| VII. | <u>Urban & Regional Development</u> | <u>-</u> |
| | 1. Urbanization Standards for Site and Services Projects VII.1 | - |
| VIII. | <u>Population & Human Resources</u> | <u>-</u> |
| | A. <u>Education</u> | <u>-</u> |
| | 1. Methodology for Evaluation of Attainment - Phase II VIII.1 | - |

| <u>Category/Title (RPO No.)</u> | <u>FY75 Allocation</u> <u>(\$'000)</u> |
|--|---|
| VIII. <u>Population & Human Resources</u> (continued) | |
| B. <u>Labor/Employment</u> | <u>67.0</u> |
| 1. Bombay Labor Market Study VIII.b.1 | 27.0 |
| 2. Employment Models & Projections VIII.b.2 | 40.0 |
| C. <u>Population/Health</u> | <u>85.4</u> |
| 1. Effect of Health & Nutrition Standards on Worker Productivity VIII.c.1 | 35.0 |
| 2. Economic Aspects of Household Fertility Behavior and Labor Supply in N.E. Brazil VIII.c.2 | 50.4 |
| CAMS | <u>25.0</u> |
| GRAND TOTAL | <u>832.4</u> |

June 25, 1974

D. C. Rao

Minutes of Meeting Held on March 25, 1974

Present: Messrs. Chenery, Stern, Adler, Avramovic, Balassa, Baneth, Gulhati, Karaosmanoglu, Schulmann, van der Tak, Yudelman.

1. The Committee approved the proposed extension of the research project "Growth and Income Distribution in Brazil" (RPO-269) on the basis of the understandings required by the review panel.
2. Mr. Chenery informed the Committee about the highlights of the Conference on Social Science Research on Development, held at Bellagio, Italy, in February 1974. The papers that were presented at the meeting and a summary of the discussions will be issued in the near future and distributed to Committee members. Smaller meetings of sub-groups of the research donors would be held periodically to exchange information on research priorities and projects in areas of mutual interest, explore possibilities and procedures for joint financing and attempt to compile an inventory of externally-financed ongoing research. The meetings would be held initially in Washington and perhaps later in Paris.
3. Mr. Stern informed the Committee that P&B had recommended an FY75 External Research Budget of \$2.1 million at FY74 prices. An analysis of expected proposals and the FY75 needs of ongoing projects showed that the aggregate demand for research funds would probably be over \$2.5 million in FY75. The functional profile would approximate what was forecast at the February 7th meeting of the Research Committee, except for a lower share of research in urbanization and public utilities.
4. The tentative program and assignments for the evaluation of completed projects was approved. In addition, the Highway Design Study (RPO-227) would also be reviewed at a suitable time, probably late in FY75. Mr. Chenery will issue guidelines for the conduct of these evaluations.

5. Mr. Stern informed the Committee of a request for finance from the Council For Asian Manpower Studies. Two of the five committees had submitted packages of research proposals. Since the projects were small, tackled a variety of problems, and were not supported by adequate explanatory material, they were not suitable for funding from the External Research Budget. Nor was there any basis for departing from the established policy of not providing program support for research institutions from the External Research Budget. Nevertheless, it was agreed that Mr. Chenery, with the concurrence of the Asia Region, should convey the view of the Committee to Mr. McNamara that some financial support of CAMS during its first two years is warranted. Bank support would supplement contributions from other institutions, such as Ford, Rockefeller, IDRC and USAID. The expectation is that at the end of two years CAMS would have built up its research capacity and its ability to formulate projects suitable for possible financing from the External Research Budget. The request would be for \$50,000 over FY75 and FY76.

Distribution

Research Committee Members:

Messrs. H.B. Chenery (Chairman), E. Stern (Deputy Chairman),
H. Adler, D. Avramovic, B. Balassa, J. Baneth,
R. Gulhati, A. Karaosmanoglu, M. Qureshi, H. Schulmann,
H. van der Tak, M. Yudelman.

DCRao/wg

OFFICE MEMORANDUM

TO: Research Committee Members

DATE: March 27, 1974

FROM: D. C. Rao *DR*SUBJECT: Minutes of Meeting Held on March 25, 1974

Present: Messrs. Chenery, Stern, Adler, Avramovic, Balassa, Baneth, Gulhati, Karaosmanoglu, Schulmann, van der Tak, Yudelman.

1. The Committee approved the proposed extension of the research project "Growth and Income Distribution in Brazil" (RPO-269) on the basis of the understandings required by the review panel.
2. Mr. Chenery informed the Committee about the highlights of the Conference on Social Science Research on Development, held at Bellagio, Italy, in February 1974. The papers that were presented at the meeting and a summary of the discussions will be issued in the near future and distributed to Committee members. Smaller meetings of sub-groups of the research donors would be held periodically to exchange information on research priorities and projects in areas of mutual interest, explore possibilities and procedures for joint financing and attempt to compile an inventory of externally-financed ongoing research. The meetings would be held initially in Washington and perhaps later in Paris.
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Research Committee Members:

Messrs. H.B. Chenery (Chairman), E. Stern (Deputy Chairman),
H. Adler, D. Avramovic, B. Balassa, J. Baneth,
R. Gulhati, A. Karaosmanoglu, M. Qureshi, H. Schulmann,
H. van der Tak, M. Yudelman.

DCRao/wg

OFFICE MEMORANDUM

TO: Research Committee Members

DATE: February 11, 1974

FROM: D. C. Rao, VPD *DCR*SUBJECT: Minutes of Meeting held on February 7, 1974

Present: Messrs. Chenery, Stern, Avramovic, Balassa, Gulhati, Karaosmanoglu, Qureshi, Schulmann, Yudelman, Rao, Ray, Mrs. Hazzah

1. The FY74 mid-year review (memorandum dated January 31, 1974) was discussed. It was decided that the cost over-runs on RPO205 and RPO216 should be charged to the Departmental budgets. Mr. Balassa pointed out that the status report for RPO208 was in error and that the authorization for this project would be fully utilized.
2. The Functional Profile for the FY75 budget was discussed. Noting that the allocations by category were only notional, it was suggested that the amounts for Urbanization and Regional Development be reduced and the amounts for Population/Health be correspondingly increased.
3. The review of completed projects in FY75 would be done by constituting a number of subcommittees. Members would express their preference on the project review subcommittees in which they would like to participate. Executive Directors would be invited to attend selected review seminars, but not those involving ongoing projects. A special attempt would be made to involve representatives of operational departments in the review process.
4. Sector research strategies were also in preparation for choice of technology and nutrition in addition to population, education and urban research.
5. The principal message from the Board discussion of the External Research Program was that research should be more operationally oriented.
6. Regarding Mr. Segal's plans for research on choice of technology in India, it was felt that substantial collaboration of local research institutions was a necessary condition for an acceptable research proposal in this area of research.

Research Committee Members:

Messrs. Chenery, Stern, Adler, Avramovic, Balassa, Baneth, Gulhati, Karaosmanoglu, Qureshi, Schulmann, van der Tak, Yudelman

cc: Messrs. Ray, Smith, Ms. Hazzah

OFFICE MEMORANDUM

TO: Research Committee Members

DATE: October 29, 1973

FROM: A. Ray, VPD *AR*SUBJECT: Minutes of Meeting on October 23, 1973

Present: Messrs. Chenery, Stern, Adler, Van der Tak, Qureshi, Gulhati, Balassa, Baneth, Schulmann, Ray.

1. Mr. Stern referred to the Board paper under preparation and scheduled for Board presentation on December 4. It will be circulated to the Committee members on October 29 for their comments. He also informed the Committee of:

- The Conference on Social Science Research, to be held in Bellagio in February 1974, being co-sponsored by the IDRC, the Ford and Rockefeller Foundations, and USAID.
- Denmark and Norway have contributed roughly \$10,000 each to the International Comparison Project.
- The Swedish Government will commit \$35,000 for a parallel study on small-scale industry financing.

2. Mr. Stern also referred to the three recent pamphlets prepared by the Committee and suggested that the members help in bringing them to the attention of Bank staff and other interested parties. The pamphlets are:

- World Bank Research Program: Abstracts of Current Studies (Bank publication, September 1973).
- World Bank Research Program: Policies and Procedures.
- World Bank Research Program: Documents (intended to be printed every six months).

3. The decisions of the Committee on the proposals are summarized in the attached table. The total amount authorized is \$138,000, which brings the total FY1974 authorizations to date to \$2,006,000. Whereas cost savings on a few projects have already been identified, the Committee should be cautious in making additional authorizations during FY1974, in view of the fact that the first quarter commitments plus disbursements during FY1974 are about twice the rate observed in FY1973.

Attachment

cc: Messrs. Rao, Smith

RESEARCH COMMITTEE

FY1974 Second Quarter

Decisions on New Projects

| <u>New Projects</u> | <u>FY74 Authorization \$0000</u> | <u>Remarks</u> |
|--|--|---|
| <u>A. Accepted</u> | | |
| 1. Distributive Impact of Public Expenditures: RPO 296 | 40.0 | |
| 2. Urban and Regional Subsystems in West Malaysia: RPO 297 | 31.0 | 19.0 for Phase II contingent on Phase I review. |
| 3. Urban Land Use Policies: RPO 298 | 22.0 | Panel comments endorsed. |
| 4. Education Project Evaluation: Phase II (RPO 278) | <u>30.0</u> | Contingent on Phase I review. |
| Total | <u>138.0</u> | |
| <u>B. Rejected</u> | | |
| 5. Development of Larger Rice Output in Monsoon Asia | | Panel comments endorsed. |
| 6. Cost Effectiveness of a Vocational Training Scheme | | Panel comments endorsed. |
| 7. Impact of Potable Water Supply | | Suggest further explor exploration of alter- native design and definition. |
| <u>C. Conditionally Accepted</u> | | |
| 8. Population Growth and Rural Poverty | | 25-35% contribution possible, subject to financing from Popu- lation Council and better definition of project. |
| 9. Economic Aspects of Household Fertility Behavior: RPO 299 | | Subject to cooperation of relevant Brazilian agencies and endorse- ment of the Regional office. |

OFFICE MEMORANDUM

TO: Research Committee Members

DATE: July 9, 1973

FROM: A. Ray, VPD *AR*SUBJECT: Meeting on July 5: Notes

Present: Messrs. Chenery, Stern, Adler, Baneth, Gulhati, Karaosmanoglu, Kuczynski, Qureshi, Schulmann, van der Tak, Ray.

I. Allocations

The attached table shows the allocations approved today. Today's allocation of \$116,400 leaves \$86,000 for later allocations against:

- i) re-submission of projects # 4 and 7
- ii) later submissions. Present indications are that this will definitely amount to about \$150,000.

Notes on the projects follow.

1. Employment and Income Distribution in Malaysia

The Committee unanimously approved the recommendations of the panel.

2. Commodity-Oriented Planning Model

Apart from methodological questions, it was noted that this project would be premature at this time both in the context of our overall Malaysia research program and in the context of our work on prototype models. No dissent.

3. EEC Trade

The Committee rejected it on the grounds that several outside studies on this question have been and are being conducted, and that an internal paper surveying and evaluating the findings of these studies would be a desirable first step prior to sponsoring a research proposal. No dissent.

4. Basic Education Models

The Committee did not endorse the proposal in view of an unsatisfactory submission, which left unclear the research nature of the project and its suitability for funding by the Committee. In view of the importance of the general topic, however, the Committee agreed to invite a resubmission. Two members recommended approval.

5. Vocational Training

The Committee unanimously decided to postpone consideration of this project until the output of project RPO 247 can be evaluated, at least in draft. *no dissent.*

6. Student Loan Schemes

The project was approved, despite some conceptual queries, in view of its rather limited scope and budget and the useful results obtained in Phase I. No dissent.

7. Urban Systems

Not discussed as Mr. Keare accepted the need for resubmission during the panel review.

8. Brazil

A supplement of \$20,000 was approved. Four members dissented.

9. Ranis

A supplement of \$25,000 for the third country was approved. Five members dissented.

10. Indonesia

With one dissent, the Committee decided not to approve the requested supplement.

11. Capacity Utilization

Option III was approved. It was noted that CAMS have agreed to finance an extension of the study to the Philippines at no extra cost to the Bank. No dissent.

II. Evaluation of Completed Projects

The suggested course of action in Mr. Ray's memo was amended to include confidential evaluation by referees outside the sponsoring department on all projects. The evaluations will then be sent to the Committee members for information, along with the Completion Report Forms.

Attachment

FY74 ALLOCATIONS

July 6, 1973

| | <u>Amount (\$'000)</u> | <u>Notes</u> |
|---------------------------------------|------------------------|---------------------------|
| 1. Employment and Income Distribution | 20.0 | |
| 2. Commodity Oriented Planning Model | 0 | |
| 3. EEC Trade | 0 | |
| 4. Basic Education Models | 0 ----- | resubmission suggested |
| 5. Vocational Training | 10.0 ----- | postponement |
| 6. Student Loan Schemes | 18.0 | |
| 7. Urban and Regional Systems | 00 ----- | resubmission suggested |
| 8. N. E. Brazil, Suppl. RPO 273. | 20.0 | |
| 9. Suppl. RPO 284 | 25.0 | |
| 10. Indonesia, Suppl. RPO 288 | 0 | |
| 11. Capacity Utilization, Option III | 33.4 | |
| | <hr/> | |
| TOTAL | 116.4 | |

File

OFFICE MEMORANDUM

TO: Members of the Research Committee DATE: February 9, 1972
FROM: Jack L. Lowther *JL*
SUBJECT: Minutes of the Research Committee Meeting, February 3

The attachments mentioned in the minutes were circulated prior to the meeting. I do not plan to recirculate them unless requested.

cc: Ms. Hughes
Messrs. Demuth & Lind

Minutes of the Research Committee Meeting of February 3, 1972

PRESENT: Messrs. Chenery, Chairman
Stern
Gulhati
Avramovic
van der Tak
Weiner
Adler
Lowther, Secretary
Ms. Adelman
Ms. Hughes*
Messrs. Demuth*
Lind*

*For discussion of proposed seminar on trade and industrialization only.

- Attachments:
- I. Mr. Stern's memo of February 1, subject: Seminar on Industrialization & Trade Policies for the 1970's.
 - II. Mr. Stern's memo of February 1, subject: Sub-committee Reports.
 - III. Table of FY72 Research Consultants Disbursements.
 - IV. Bank Research Program FY72-73 Summary, World Bank Research Program and Mr. Stern's memo of February 1, "Proposals for FY73 Research".

ITEM I. Proposed Seminar on Trade and Industrialization

The Committee endorsed the proposal to sponsor the Seminar on Trade and Industrialization. There were however queries as to the exact nature of the seminar and the kind of people who should be invited to attend. The Committee felt it should be a small, private conference and not a large, public conference with political implications. The composition of attendees was to be mixed academics and middle level policy makers. Within these guidelines and in accordance with the details outlined in Attachment I, the Committee recommended proceeding with the organization of the seminar.

ITEM 2. Consideration of Research Proposals

- (A) Patterns of Demand and Savings in the Development Process.
The report of the sub-committee as contained in Attachment II was accepted by the Committee. The Committee noted that this project qualified for addition to the DRC program of work on multi-sectoral models, but expressed concern about how well this line of research responded to Bank needs. Mr. Chenery pointed out that management steps were being taken to insure that all research carried out in the DRC was of importance to the Bank and relevant to its work.

The Committee noted that the proposed budget was for calendar year 1972 and not for FY72. The amount of funds allocated for FY72 will be one-third of the total.

(B) Urban Transport and the Automobile.

The Committee agreed with the sub-committee's recommendation (Attachment II) that this project be accepted as phase one of a more thorough study on Urban Transport. Later phases will be contingent upon a new research proposal being presented at the completion of phase one. The budget for the project in FY72 was scaled down to \$16,000.

(C) Yemen Arab Republic - Feeder Road Study

The Committee approved the project as submitted subject to satisfactory clarification of the research design. This clarification was expected during the meeting with Professor Custer of the Swiss Federal Institute of Technology scheduled for late February.

ITEM 3. Mid-Year Expenditure Review

The Committee reviewed and accepted the table on FY72 Research Consultants Disbursements (Attachment III) noting that the total forecast expenditure of \$1,149,000 was 13% higher than the P&B estimate. Since at least this much slippage is expected in second half disbursements, the difference was not cause for alarm.

ITEM 4. FY73 Research Budget

Mr. Stern proposed the Committee recommend asking for a budget of \$2.1 million to cover the costs of consultants' fees travel and data processing for research in FY73. In arriving at the \$2.1 million figure Mr. Stern pointed out that approximately 45% consisted of funds to carry on projects already in the research program and the remaining 55% represented funds for starting new projects. A departmental survey had indicated the need for approximately 1.8 million for new starts. This was scaled back to \$1.2 million for the budget request.

Mr. Adler indicated that \$2.1 million might be a difficult request on which to get Mr. McNamara and the Board's approval. It was felt, however, that the Committee should recommend the figure it thought appropriate and it was up to P&B to recommend to Mr. McNamara whatever revisions they felt necessary.

ITEM 5.

At one or two points during the meeting, members voiced concern about the procedure used to approve research proposals. It was felt that too much valuable time was being spent on detailed picking apart of research projects and not enough time was being devoted to consideration of more general issues. Mr. Chenery and Mr. Stern agreed that this was a problem and indicated that in the future, sub-committees would be largely non-Research Committee members and that only the larger projects (costing \$10,000 or more) would be considered by the Committee. This would eliminate review of pilot phases of the larger projects so that when the Committee did consider them they would be better prepared and require less time to evaluate.

Draft Minutes of Special Research Committee Meeting of December 13, 1971,
to Consider Additional Funds for Highway Design Study - Phase II

Present: Messrs. Chenery (Chairman)
King
Avramovic
Adler H.
Adler J.
van der Tak
Churchill
Henderson
Stevenson
Lowther (Secretary)

redo
change Adler words

Highway Design Study

Mr. van der Tak reported that the sub-committee's evaluation of the request for additional funds was as stated in a memorandum to Mr. Chenery dated December 10 (copy attached).

Mr. Chenery queried how this study compared with other project operations oriented research. Mr. van der Tak indicated it is the largest single project (costing \$1.5 million) and that together with the study on Labor/Capital Substitution in Road Building it represents a major effort in the transport sector.

The Committee noted that the cost of the Kenya portion of the study would probably escalate to near \$650,000 though the Bank is only committed for \$100,000. The research sponsors are searching for additional funds from other sources and they do not anticipate asking the Committee for more money. They would, however, like to have the Bank's total commitment to the project (\$500,000) fungible between the Ivory Coast and Kenya portions of the study. The Committee agreed.

When queried about the progress to date in Kenya, Mr. Churchill reported that the Road Research Laboratory team had proved to be very effective despite equipment and location problems. Also, he pointed out that the French team which will work on the Ivory Coast appears to be of the same caliber as the Kenyan team.

Mr. Chenery was favorably disposed to grant the request for additional funds for the project because it appeared that there would be a predictably good payoff which the Bank and other Development Agencies could use in future road building projects. Mr. Churchill agreed and indicated that it would also provide useful information for the current studies on capital/labor substitution. There was no disagreement from the Committee and Mr. Chenery granted the request for an additional \$60,000 in FY72 and up to a total of \$500,000 for the life of the project.

Other Business

The Committee considered residual claimants (deferred at earlier sessions) on the funds of the Consultants' Research Budget and decided

that the only serious contenders would be the group of East African agricultural studies. It appeared that disbursements in large amounts for these studies would not occur before FY73. The Committee would, therefore, be favorably disposed to accepting other research proposals that merit consideration. Mr. John Adler indicated that additional funds over and above the original 1.3 million for research could be found if it appeared that the entire 1.3 million would be disbursed and there were still good projects to finance.

In closing, Mr. Chenery pointed out that we are preparing a progress report on the organizing of research in the Bank. It will be circulated to the Research Committee for comment, then distributed to the Economic Committee.

MINUTES OF THE RESEARCH COMMITTEE MEETING HELD NOVEMBER 23, 1971

Present: Mr. Chenery - Chairman
Mr. Lowther - Secretary
Messrs. van der Tak
Stern
Holsen
Reutlinger
King
Gulhati Mrs. Adelman

The Committee reviewed and accepted the proposed grouping for research projects as outlined in Attachment I, and approved the format for the research program tables as indicated in Attachment II. It was suggested that projects be coded and numbered according to their subject group, sector, country and any other reasonable category. Mr. Lowther will coordinate with the Computing Activities and Programming and Budgeting Departments to devise such a numbering system.

Mr. Chenery reviewed with the Committee the funds available and those being requested at this point in time as outlined on Attachments III and IV.

The following action was taken on research proposals which had been deferred at the November 2 meeting of the Committee:

- A. The Scope for Capital-Labor Substitution in the Mechanical Engineering Industry: The budget for this project was approved and the project itself was accepted under the following conditions:
 1. The Bank will sponsor a seminar at which Mr. Westphal, the prime consultant, will explain the methodology and,
 2. the Bank will appoint a review group which will consider the proposed methodology and review the progress of the project. The review group is to be composed of representatives of the Industrial Projects Department, The East Asia Department and the Central Economic Staff. Specific individuals recommended for participation in the review group were Mr. Churchill from the CES and Mr. Darwich from Industrial Projects. Mr. Goreux will implement the review group and arrange the Westphal Seminar.
- B. Short-Run and Long-Run Influences Upon Income Distribution: The sub-committee reported that the only issue of concern on this project was whether or not it should study two countries simultaneously or just allow for study in one

country now with the second to be determined based upon the results in the first. Mrs. Adelman, the project director, indicated she intended to start the second country when the first was half finished so that lessons learned in the first country could be applied in the second. Under these conditions, the Committee agreed that the project should cover two countries.

During the discussion, there was some concern that the opportunity cost of the staff for doing a second country report might be too high. The Chairman indicated that we should encourage other projects on the subject but not at the cost of doing a second country study in this project.

The Budget for the project was approved as submitted (administrative note: This project is the same as that listed as II, No. 1 in the research program - the two will be combined under the title of this project on all future research program listings).

- C. Professional Structure in South East Asia: The Committee deferred this project at the last meeting in order to obtain the views of the Education Projects Department and hold further discussions on the research methodology. Education Projects Department did not feel the study would be of value to them in their project operations. Members of the Economic Staff felt that the project, if properly formulated, would have a broader importance and would, therefore, be of value. The budget for the project was approved and the project was accepted on the condition that Mrs. Adelman and Mr. Hawkins work with Mr. Silcock to prepare the terms of reference for the project.
- D. Poverty "2000": Mr. Holsen presented arguments discussed in the sub-committee regarding this project. Those for the project were: (1) The Bank should support SODIPAX (the International Church Organization sponsoring the project) and (2) there was a need for this type of work. Arguments against were: (1) the project will be done whether or not the Bank provides financial support (2) the Bank has no comparative advantage for research of this type and (3) the opportunity cost for the staff input required to coordinate and monitor the project was too high - staff could be better used to strengthen our inhouse capacity to work on this problem. Mrs. Adelman pointed out that the people involved from SODIPAX were all very reputable and, also, that the Bank could get useful feedback on the data collection techniques. Furthermore, the project could be the basis for further Bank consideration of the problem. There was some concern that this project would not uncover any really new information. The data sources were largely already available and it appeared to be a propaganda effort to bring to the world's attention the poverty problem. In the end, the Committee decided to reject Bank participation in the project at this point in time.

They would, however, reconsider if further information indicated that Bank participation would be necessary or desirable.

- E. Economic Models of Internal Migration: \$6,000 for a pilot phase of this study was approved by the Committee last June. The consultant being considered for the project has indicated he would not like to undertake the study without some assurance that it could be carried through to completion. This requires approval for an additional \$8,500 to be spent in FY73. The sub-committee recommended accepting the project on that basis, and the full Research Committee accepted the sub-committee's recommendation.
- F. AGP Project Case Study (Lilongwe Project); Evaluation of Alternative Livestock Production Schemes in East Africa; and, Study of Intermediate Technology: These proposals were again deferred for later consideration. They, plus one or two others, deal with agricultural studies of various types in East Africa. The Agriculture and Rural Development Division of the Economics Department will prepare a consolidated proposal for all studies being done in East Africa and resubmit to the Committee on that basis. Some funds will be held for them.
- G. Development of Computer Simulation Models for Use in Appraisal Work: This proposal was deferred at the last Committee meeting to determine whether or not the Agriculture Projects Department would agree to support it and provide staff to apply the Models in their Department. They have reported in writing that they will support it and the Committee now recommends allocating \$10,000 to the project.
- H. Research Related to Institutional and Management Aspects in Agricultural Development Projects: This proposal represents a project in two parts. One part was to hire someone to come to the Bank for three to four months to review Bank documents and then develop a research project requiring approximately two years. The person brought to the Bank would be placed on the staff. Under these circumstances it was felt that this portion of the project would be outside the terms of reference of the Research Committee. The Committee accepted a sub-committee recommendation to provide two or three months consultants time to see if there is a project which could be carried out by placing someone on the staff for two years. The second part of the project concerned a request from the Reading University for the Bank to pay for core support for their work in LDC institutions. The Committee agreed that the Bank should not finance this kind of research and no funds were allocated.
- I. Study of Scale Economies in Beef Production: This project was deferred for consideration at a later meeting.

With the addition of the above projects, the Research Committee has now allocated resources for the proposals submitted in October as indicated on the attached tables (Attachment V).

The Committee discussed a proposal made at the last meeting that the Bank contribute financial support to an OECD sponsored meeting of Directors of Research Institutes. Mr. Chenery pointed out that our contribution would be \$30,000 in FY72. The conference is to be held in September 1972. The main concern of the Committee was why funds for a conference should be taken from the research consultants' budget. There were two reasons: (1) no other funds are available and (2) the chairman wished to recognize the sponsoring of conferences as a research function of interest to the Bank. The Committee agreed to support the conference for \$20,000 rather than \$30,000 with the stipulation that we explore the Development Services Department and the Economic Development Institute as possible sources of additional money for the conference.

The Committee considered three requests for changes in previously approved projects as follows:

- A. The Kravis International Comparison project had requested an additional \$8,000 to support a conference of experts to discuss the techniques to be used in making the international comparison. Discussion on this centered about whether or not the conference would actually contribute to changes in the project. Some members felt that the conference would be largely cosmetic to show that Mr. Kravis really did consider all possible techniques before deciding on the one to use. Some felt that the results of the study would not be sensitive to the alternative techniques anyway. One suggestion was that the conference would be useful if its scope was widened to include some substantive review of the early results of the experiment. On balance, the Committee decided to reject the request for funds and only reconsider if the conference was changed in nature and held at a time it could evaluate the substantive results of the project.
- B. The project entitled "Putting Installed Capacity to Work", was brought before the Committee because the conditions set for its approval in the June review could not reasonably be met. It had been approved on condition that a co-director from the Bank staff be appointed to work with the consultant, Mr. Schydrowsky. Mr. Schydrowsky felt this arrangement to be unacceptable and had asked the Bank to reconsider continuing the project with him as the sole director. The problem has been considered by Mrs. Hughes and Mr. Henderson in the Economics Department and they felt that the project should not go ahead with Mr. Schydrowsky as the sole director. The Research Committee was asked to confirm this position.

The discussion centered around just how much involvement from the Bank there should be without interfering with the intellectual freedom of outside researchers. In this case, it was felt that a co-director of the project from the Bank staff would be essential to insure that the project was carried out in a manner satisfactory to the Bank. The Committee, therefore, confirmed the Economics Department position and recommended dropping the project in its present form. Mr. Stevenson and Mrs. Hughes were asked to draft a letter for Mr. Chenery's signature to Mr. Schydrowsky explaining the Committee's decision.

The Economics Department proposed to sponsor a round table discussion (inviting Mr. Schydrowsky) on the subject of capacity utilization and to determine from that suitable avenues for further research.

In connection with the discussion on this project, the Committee raised the general question of the desirability of Bank control of the research projects being carried out by consultants. The Committee's general reaction was that each project should be evaluated on its own merits and that the Bank should insist upon some controlling device, such as the co-directorship, in those cases where it was apparent that the project would not be responsive to the Bank's needs unless this were done.

- C. The Agriculture Mechanization Study in India: Was brought before the Committee again because a visit to India had revealed that the original budget allocation would be too small to carry the project through the first phase in FY72. An additional \$10,000 was required to initiate arrangements with the two Indian institutes carrying out the surveys. The Research Committee approved the increase and allocated an additional \$10,000 to the project.

The Committee agreed that its next meeting should be held in early January when it would conduct a semi-annual review of the research consultants' budget; re-allocate funds where necessary; and, consider new research proposals and those deferred during this review cycle.

PROPOSED SUBJECT GROUPINGS FOR BANK RESEARCH PROGRAMI. PLANNING AND DEVELOPMENT POLICY

This group would contain the following kinds of studies:

Country Programming Models

Studies on the Effects of Policy Choices

Analysis of Development Policies and Strategies

and other studies of general policy nature.

II. POPULATION AND HUMAN RESOURCES

This group would contain studies of demography, family planning, education, labor markets, employment, urbanization, and migration.

III. INDUSTRY AND TRADE

This group will include studies of industrial policy, industrial project appraisal techniques and world trade of manufactures.

IV. SECTOR AND PROJECT STUDIES

This group includes project appraisal techniques, project reappraisals, sector policy analysis and studies in direct support of project or sector operations. The group will be sub-divided into the various sectors, such as; transportation, public utilities, agriculture, tourism etc.

WORLD BANK RESEARCH PROGRAM
SUBJECT GROUP I, PLANNING AND DEVELOPMENT POLICY

| Project Title | Responsible Dept./Div. | RESOURCES REQUIRED | | | | | | | | | | | | | | | | | |
|--|------------------------|--------------------|----|---------------------------|----------------------|--------------------|------|-------------------|----|---------------------------|----------------------|--------------------|------|-------------------|-----|---------------------------|----------------------|--------------------|--|
| | | FY 72 | | | | | | FY 73 | | | | | | FY 74 | | | | | |
| | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | |
| Prof. | SS. | | | Int. | Ext. | Prof. | S.S. | | | Int. | Ext. | Prof. | S.S. | | | Int. | Ext. | | |
| 1. Mexico Programming Models | DRC | 11 | 7 | 15 | 3 | 2 | - | | | | | | | | | | | | |
| 2. Ivory Coast Programming Models | DRC | 32 | - | 34 | 13.4 | | | 5 | - | 3 | 2 | | | | | | | | |
| 3. Country Programming Study - Chile | DRC | | | 10 | | | | | | | | | | | | | | | |
| 4. Country Programming Study - Korea | DRC | | | 37 | | | | | | | | | | | | | | | |
| 5. International Impact of Projects | DRC | 12 | 10 | 19 | 3 | 3 | | 11 | 11 | - | 4 | 10 | | | | | | | |
| 6. Shadow Prices in Investment Decisions | DRC | 6 | 2 | 10 | 5 | 3 | | 5 | 2 | 10 | 4 | 4 | | | | | | | |
| 7. Household Savings Study in India | EPD-DF | | 12 | 30 | 12 | - | - | | | 150 | 24 | | | | 150 | 24 | | | |
| 8. Simulation Model for Country Analysis | EPD-CA | .3 | .5 | 5 | - | - | - | | | | | | | | | | | | |
| 9. Cross-Section Analyses of Development Processes | EPD-CA | 3 | 3 | 13 | 1 | 2 | | 3 | 3 | 9 | 2 | 2 | | | | | | | |
| 10. Determination of Measures of Economic Development | DRC | 3 | 3 | 8 | - | 2 | | 3 | 3 | - | - | 2 | | | | | | | |
| 11. International Comparison Project | EPD-ES | 6 | - | 40 | 3 | - | - | 12 | 12 | - | 1 | 2 | - | 12 | 12 | - | 1 | -2 | |
| 12. Development Strategies in Semi-Industrial Countries | ECD-DR | 4 | 4 | 26 | 12 | 2 | | 4 | 4 | - | - | - | | | | | | | |
| 13. Urban Data Needs of the IBRD | ECD-RB | - | - | 18 | 9.4 | - | - | | | | | | | | | | | | |
| 14. Issues and Studies on Cost-Benefit Methodology | ECD-AR | 2 | - | 5 | 1 | - | - | | | | | | | | | | | | |
| 15. Economic Performance Criteria | EPD-DF | - | - | 3.5 | .6 | - | 1.2 | | | | | | | | | | | | |
| 16. Level and Structure of Government Expenditure in African Countries | EPD-DF | 2 | - | - | - | - | - | 4 | - | - | - | - | | | | | | | |

WORLD BANK RESEARCH PROGRAM
SUBJECT GROUP II, POPULATION AND HUMAN RESOURCES

| Project Title | Responsible Dept./Div. | RESOURCES REQUIRED | | | | | | | | | | | | | | | | | |
|---|------------------------|--------------------|---|---------------------------|----------------------|--------------------|------|-------------------|---|---------------------------|----------------------|--------------------|------|-------------------|---|---------------------------|----------------------|--------------------|---|
| | | FY 72 | | | | | | FY 73 | | | | | | FY 74 | | | | | |
| | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | |
| Prof. | SS. | | | Int. | Ext. | Prof. | S.S. | | | Int. | Ext. | Prof. | S.S. | | | Int. | Ext. | | |
| 1. Income Distribution, Employment and Growth | DRC | 18 | 3 | 2 | 4.5 | - | - | 16 | 4 | | 5 | - | - | | | | | | |
| 2. Capital Labor Substitution and Employment Implications | DRC | 4 | 2 | 13 | 2 | - | - | | | | | | | | | | | | |
| 3. Survey of Non-formal Rural Education | EPD-DR | 4 | - | 150 | - | - | - | | | | | | | | | | | | |
| 4. Labor Markets in Developing Countries and their Response to Educational Expansion | ECD-PH | 6 | 4 | 10 | 6 | 5 | | 6 | 4 | 5 | 3 | 9 | | | | | | | |
| 5. Student Loan Schemes and Other Forms of Cost Reallocation: A Systems Approach to Educational Financing | ECD-PH | 8 | 4 | 9 | 2 | 11 | | 4 | 2 | - | 1 | 6 | | | | | | | |
| 6. Economic Models of Internal Migration | ECD-RB | 3 | - | 6 | .4 | - | - | - | - | ? | .4 | - | - | | | | | | |
| 7. Bank Lending and Employment | ECD-PH | 6 | 4 | - | - | .5 | - | 8 | 4 | - | - | - | - | | | | | | |
| 8. Labor Force Participation, Unemployment and Income | ECD-PH | 1 | 1 | - | - | - | - | 16 | 8 | - | ? | ? | ? | | | | | | |
| 9. A Study of Migration in Ghana | ECD-PH | 1 | 2 | - | - | - | - | 3 | 3 | - | 3.8 | - | - | 3 | 3 | - | 3.8 | - | - |

WORLD BANK RESEARCH PROGRAM
SUBJECT GROUP IV-A, SECTOR AND PROJECT STUDIES - TRANSPORTATION

| Project Title | Responsible Dept./Div. | RESOURCES REQUIRED | | | | | | | | | | | | | | | | | |
|--|------------------------|--------------------|---|---------------------------|----------------------|--------------------|------|-------------------|---|---------------------------|----------------------|--------------------|------|-------------------|---|---------------------------|----------------------|--------------------|---|
| | | FY 72 | | | | | | FY 73 | | | | | | FY 74 | | | | | |
| | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | |
| Prof. | S.S. | | | Int. | Ext. | Prof. | S.S. | | | Int. | Ext. | Prof. | S.S. | | | Int. | Ext. | | |
| 1. Compilation of Highway Design Standards | TRP-EC | 2 | - | 10 | - | - | - | | | | | | | | | | | | |
| 2. Impact on Port Congestion of Ship Rescheduling | TRP-EC | 1 | - | 4 | 1 | 2 | | | | | | | | | | | | | |
| 3. Highway Design Study (Phase II) | ECD-TR | 6 | 2 | 73 | 5 | - | - | 9 | 2 | 56.5 | 5 | - | - | 9 | 2 | 56.5 | 1 | - | - |
| 4. Promotion of Road Construction Industry in Developing Countries | TRP-EC | 2 | 0 | 45 | 7 | - | - | | | | | | | | | | | | |
| 5. Toll Road Study | ECD-TR | 3 | 1 | 7 | 4 | - | - | | | | | | | | | | | | |
| 6. Effects of Vehicle Passing and Crossing Manoeuvres on Single Lane Roads | TRP-EC | 1 | 0 | 10 | 1 | - | - | | | | | | | | | | | | |
| 7. Measurement of Road Width/Traffic Flow/Vehicle Speed Relationship | ECD-TR | 2 | 0 | 12 | - | 2 | | - | - | 4 | - | - | - | | | | | | |
| 8. Transport Policy in Developing Countries | TRP-EC | 3 | 1 | 5 | 2.3 | - | - | | | | | | | | | | | | |
| 9. Railway Costing/Pricing Manual | TRP-EC | 3 | 1 | 20 | - | - | - | | | | | | | | | | | | |
| 10. Substitution of Labor for Equipment in Road Construction | ECD-TR | 5 | 3 | 100 | 23 | 5 | | 6 | 3 | 140 | 15 | 5 | | 5 | 3 | 100 | 15 | 5 | |

WORLD BANK RESEARCH PROGRAM

SUBJECT GROUP IV-B, SECTOR AND PROJECT STUDIES - PUBLIC UTILITIES

| IDENTIFICATION | RESOURCES REQUIRED | | | | | | | | | | | | | | | | | |
|---|--------------------|------------------------|-------------------|------|---------------------------|----------------------|--------------------|---|-------------------|------|---------------------------|----------------------|--------------------|---|-------------------|------|---------------------------|----------------------|
| | Project Title | Responsible Dept./Div. | FY 72 | | | | FY 73 | | | | FY 74 | | | | | | | |
| | | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) |
| Prof. | S.S. | | | Int. | Ext. | Prof. | S.S. | | | Int. | Ext. | Prof. | S.S. | | | Int. | Ext. | |
| 1. Village Electrification and Water Supply | PBP-DR | 9 | 9 | 40 | 30 | 20 | | 7 | 7 | 30 | 20 | 20 | | 5 | 5 | 30 | 10 | 10 |
| 2. Property Value Enhancement as an Estimate of Water Supply/ Sewerage Benefits | PBP-DR | 2 | - | 20 | 10 | 5 | | | | | | | | | | | | |
| 3. Public Utility Pricing | PBP-DR | 9 | 3 | 20 | 5 | 5 | | 9 | 6 | 15 | 5 | 5 | | 9 | 9 | 10 | 5 | 5 |

WORLD BANK RESEARCH PROGRAM

SUBJECT GROUP IV-D, SECTOR AND PROJECT STUDIES - AGRICULTURE

| Project Title | Responsible Dept/Div. | RESOURCES REQUIRED | | | | | | | | | | | | | | | | | |
|--|-----------------------|--------------------|----|---------------------------|----------------------|--------------------|------|-------------------|----|---------------------------|----------------------|--------------------|------|-------------------|--|---------------------------|----------------------|--------------------|--|
| | | FY 72 | | | | | | FY 73 | | | | FY 74 | | | | | | | |
| | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | |
| Prof. | SS. | | | Int. | Ext. | Prof. | S.S. | | | Int. | Ext. | Prof. | S.S. | | | Int. | Ext. | | |
| 1. Evaluation of Alternative Methods for Specifying Agricultural Sector Development Strategies | ECD-AR | 26 | 10 | 20 | - | 1 | | | | | | | | | | | | | |
| 2. Agricultural Mechanization Study: India | ECD-AR | 4 | 2 | 40 | 5 | - | - | 40 | | | | | | | | | | | |
| 3. Livestock Simulation Model | AGP-LK | 1 | 1 | 5 | - | - | - | | | | | | | | | | | | |
| 4. Farm Level Analysis of Typical Farming Operations | ECD-AR | 12 | 12 | 25 | 7.5 | - | - | 12 | 12 | 42 | 15.2 | - | - | | | | | | |
| 5. Analysis of Agricultural Marketing Problems in Low-Income Countries | ECD-AR | 6 | 1 | 2 | 4 | 3 | - | 6 | 1 | ? | 4 | 5 | - | | | | | | |
| 6. Study of Agricultural Research and Productivity Changes | ECD-AR | 1 | - | 15 | .6 | - | - | | | | | | | | | | | | |
| 7. Mechanization in India, Its Extent and Its Effect on Hired Labor | SAS-DR | - | - | 2.6 | .5 | - | 6.4 | | | | | | | | | | | | |
| 8. East Pakistan: Farmers Response to the New Varieties | ECD-AR | 1 | - | - | - | 1.9 | - | | | | | | | | | | | | |
| 9. Review of Small Farmer Participation in Yugoslav Agriculture | ECD-AR | 4 | 1 | - | 2 | - | - | | | | | | | | | | | | |
| 10. Reappraisal of Credits for Financing Farm Mechanization in Pakistan | ECD-AR | 4 | 4 | - | 3 | .6 | .5 | | | | | | | | | | | | |
| 11. Reappraisal of Indian Irrigation Projects | ECD-AR | 5 | 6 | 5 | .8 | 1 | - | | | | | | | | | | | | |
| 12. Livestock in the Mexican Agricultural Model | DRC | 1.3 | 4 | 4.4 | - | 2.2 | .3 | 1 | 2 | 2.3 | - | 2.2 | .3 | | | | | | |

WORLD BANK RESEARCH PROGRAM

SUBJECT GROUP IV-D, (CONT.)- p. 2

| Project Title | Responsible Dept./Div. | RESOURCES REQUIRED | | | | | | | | | | | | | | | | | |
|---|------------------------|--------------------|------|---------------------------|----------------------|--------------------|------|-------------------|------|---------------------------|----------------------|--------------------|------|-------------------|------|---------------------------|----------------------|--------------------|---|
| | | FY 72 | | | | | | FY 73 | | | | | | FY 74 | | | | | |
| | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | | Staff (Manmonths) | | Consultants Funds (\$000) | Travel Funds (\$000) | Data Proc. (\$000) | |
| Prof. | SS. | Int. | Ext. | | | Prof. | S.S. | Int. | Ext. | | | Prof. | S.S. | Int. | Ext. | | | | |
| 13. Research Design for Data Collection and Projects Analysis | ECD-AR | 8 | 4 | - | 6.7 | - | - | 4 | 2 | - | 6.7 | - | - | 24 | 24 | - | 6.7 | - | - |

RESEARCH CONSULTANT'S FUNDS ALLOCATED TO DATE

| | | \$000 | |
|-------------------------------|-----|-------------|---------------|
| | | <u>June</u> | <u>Nov. 2</u> |
| Unallocated | ECA | 15 | |
| " | ECD | 50 | |
| " | EPD | 25 | |
| " | DRC | 5 | |
| | | <u>95</u> | |
| Group I | | 260 | 11.5 |
| II | | 190 | - |
| III | | 91 | 7 |
| IVA | | 286 | - |
| IVB | | 80 | - |
| IVC | | 10 | - |
| IVD | | 65 | 55.4 |
| | | <u>1077</u> | <u>73.9</u> |
| Total allocated to date | | 1150.9 | |
| Available in Budget | | 1300 | |
| Balance | | 149.1 | |

RESEARCH COMMITTEE MEETINGNovember 23, 1971PROPOSALS FOR EVALUATION

Additions to Existing Projects:

| | <u>Requested Funds</u> | |
|---|------------------------|--------------|
| | <u>FY72</u> | <u>Total</u> |
| 1. (Kravis) International Comparison Project. | 8 | 48 |
| 2. Putting Installed Capacity to Work. | N/A | N/A |
| 3. Agricultural Mechanization Study in India. | 10 | 120 |
| Sub-Total | <u>18</u> | <u>168</u> |

Proposals deferred at last meeting
(as listed on the tables):

| | | <u>FY72</u> | <u>1/</u> | <u>FY73</u> | <u>Total</u> |
|-------------------------------|--------------|-------------|--------------|--------------|--------------|
| Group I | #2 | 32 | | 16.3 | 48.3 |
| | 3 | 19 | | 14 | 33 |
| | | <u>51</u> | | <u>30.3</u> | <u>81.3</u> |
| Group II | 1 | 5 | (?) | 5 | 10 |
| | 2 | 27 | | 27 | 81 |
| | 6 | - | 2/ | 8.5 | 14.5 |
| | | <u>32</u> | | <u>40.5</u> | <u>105.5</u> |
| Group IVD | 2 | 24.3 | (3/) | 15.9 | 40.2 |
| | 3 | 12.6 | (10) | 4.2 | 16.8 |
| | 9 | 10 | (10) | 20 | 50 |
| | 14 | 46.8 | (3/) | 140.4 | 292.5 |
| | 16 | 15 | (0) | 30 | 60 |
| | 17 | 37.8 | (0) | 50.4 | 88.2 |
| | <u>146.5</u> | (50) | <u>260.9</u> | <u>547.7</u> | |
| Sub-Total | 229.5 | (133) | 321.7 | 734.5 | |
| Meeting of Research Directors | - | | 30 | 30 | |
| TOTAL | 247.5 | (151) | - | - | |

- 1/ Except where noted in parenthesis requested funds were approved by the sub-committee.
- 2/ \$6,000 for FY72 already approved. Approval for 72/73 total of \$14,500 is requested.
- 3/ \$30,000 to be divided between these two is recommended by the sub-committee.

Planning and Development Policy

Consultants' Fees (\$000)

| PROJECT | Staff Member Responsible | Department | Staff Time (man months) | | Requested | | Sub-Com. Recommends | | Research Com. Approves | |
|---|--------------------------|------------|-------------------------|------|-----------|-------|---------------------|------|------------------------|------|
| | | | Tot | FY72 | Tot | FY72 | Tot | FY72 | Tot | FY72 |
| 1. Issues and Studies on Cost-Benefit Methodology | Lal (Reut.) | ECD | 2 | 2 | 5 | 5 | 5 | 5 | 5 | 5 |
| 2. The Scope for Capital-Labor Substitution in the Mechanical Engineering Industry. | Rhee | DRC | 36 | 24 | 48.3 | 32 | 48.3 | 32 | 48.3 | 32 |
| 3. Short-run and Long-run Influences Upon Income Distribution. | Adelman | DRC | 84 | 30 | 33 | 19 | 33 | 19 | 33 | 19 |
| 4. Economic Performance Criteria | Please | EPD | | | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| 5. Cross Section Analysis | Carter | EPD | | | 11 | 3 | 11 | 3 | 11 | 3 |
| 6. Level and Structure of Government Expenditure in African Countries. | Gandhi | EPD | 4 | 2 | - | - | - | - | - | - |
| 7. OECD Conference of Directors of Research Institutes. | Stern | ECA | - | - | 30 | 30 | NA | NA | 20 | 20 |
| 8. (Kravis) International Comparison Project. | Edelman | EPD | - | - | NA | 8* | NA | NA | NA | 0 |
| | | | 126 | 58 | 130.8 | 100.5 | 100.8 | 62.5 | 120.8 | 5 |

*In addition to \$40 approved in June 1971

TOPIC GROUP IIPopulation and Human Resources

| <u>PROJECT</u> | Staff Member Responsible | Department | Staff Time (man months) | | <u>Consultants' Fees (\$000)</u> | | | | | |
|--|--------------------------|------------|-------------------------|------|----------------------------------|------|---------------------|------|------------------------|------|
| | | | | | Requested | | Sub-Com. Recommends | | Research Com. Approves | |
| | | | Tot | FY72 | Tot | FY72 | Tot | FY72 | Tot | FY72 |
| 1. Professional Structure in South-East Asia. | Hawkins | ECD | | | 10 | 5 | 10 | 5 | 10 | 5 |
| 2. Poverty "2000". | Hawkins | ECD | | | 81 | 27 | 81 | 27 | 0 | 0 |
| 3. Bank Lending and Employment. | Schrenk/ Turnham | ECD | 22 | 10 | - | - | - | - | - | - |
| 4. Labor Force Participation, Unemployment and Income. | Turnham | ECD | 26 | 2 | - | - | - | - | - | - |
| 5. A Study of Migration in Ghana | Zachariah | ECD | 9 | 3 | - | - | - | - | - | - |
| 6. Economic Models of Internal Migration. | Keare | ECD | 3 | 3 | 14.5 | * | 14.5 | * | 14.5 | * |
| | | | 60 | 18 | 105.5 | 38 | 105.5 | 32 | 24.5 | 5 |

*\$6 approved in June 1971

TOPIC GROUP IIIIndustry and TradeConsultants' Fees (\$000)

| <u>PROJECT</u> | Staff Member Responsible | Depart- ment | Staff Time (man months) | | Requested | | Sub-Com. Recommends | | Research Com. Approves | |
|--|-----------------------------|-----------------|----------------------------|------|-----------|------|------------------------|------|---------------------------|------|
| | | | Tot | FY72 | Tot | FY72 | Tot | FY72 | Tot | FY72 |
| | | | | | | | | | | |
| 1. Economies of Scale and Tariff - Levels | Pursell | ECD | 15 | 15 | 7 | 7 | 7 | 7 | 7 | 7 |

TOPIC GROUP IV-DSector and Project Studies - AgricultureConsultants' Fees (\$000)

| PROJECT | Staff Member Responsible | Department | Staff Time (man months) | | Consultants' Fees (\$000) | | | | | |
|--|--------------------------|------------|-------------------------|------|---------------------------|------|---------------------|------|------------------------|------|
| | | | Tot | FY72 | Requested | | Sub-Com. Recommends | | Research Com. Approves | |
| | | | | | Tot | FY72 | Tot | FY72 | Tot | FY72 |
| 1. Farm Level Analysis of Typical Farming Operations | Reutlinger | ECD | 48 | 24 | 75.6 | 33.6 | 150 | 25 | 25 | 25 |
| 2. AGP Project Case Study (Lilongwe Project) | Reutlinger | ECD | 3 | 2 | 40.2 | 24.3 | defer | | deferred | |
| 3. Development of Computer Simulation Models for Use in Appraisal Work. | Reutlinger | ECD | 2 | 1 | 16.8 | 12.6 | 10 | 10 | 10 | |
| 4. An Analysis of the Agricultural Marketing Problems in Low-Income Countries. | Lele | ECD | 14 | 7 | 20.8 | 1.5 | 2 | 2 | 2 | 2 |
| 5. Study of Agricultural Research and Productivity Changes. | Reutlinger | ECD | | | | 30 | 0 | 0 | 15 | 15 |
| 6. Mechanization in India, its extent and its effect on Hired Labor. | Reynolds | S. Asia | | | | 2.6 | 2.6 | 2.6 | 9 | 9 |
| 7. East Pakistan: Farmers Response to the New Varieties. | Husain | ECD | | 1 | | | - | - | - | - |
| 8. Review of Small-farmer Participation in Yugoslav Agriculture. | Donaldson | ECD | 5 | 5 | | | - | - | - | - |
| 9. Evaluation of Alternative Livestock Production Schemes in East Africa. | Husain | ECD | | | | | defer | | deferred | |
| 10. Reappraisal of Credits for Financing Farm Mechanization in Pakistan. | Donaldson | ECD | 8 | 8 | 0 | 0 | - | - | - | - |
| 11. Reappraisal of Indian Irrigation Projects. | Duane | ECD | 11 | 11 | 0 | 0 | - | - | - | - |

Cont.

| PROJECT | Staff Member Responsible | Department | Consultants' Fees (\$000) | | | | | | | |
|--|--------------------------|------------|---------------------------|------|-----------|-------|---------------------|------|------------------------|------|
| | | | Staff Time (man months) | | Requested | | Sub-Com. Recommends | | Research Com. Approves | |
| | | | Tot | FY72 | Tot | FY72 | Tot | FY72 | Tot | FY72 |
| 12. Livestock in the Mexican Agricultural Model. | Norton | DRC | 8.3 | 5.3 | 6.7 | 4.4 | 6.7 | 4.4 | 6.7 | 4.4 |
| 13. Study of Investment Costs in Relation to Employment and Underemployment. | Hendry | Ag. Proj. | 2 | 1 | 20 | 10 | 0 | 0 | 0 | 0 |
| 14. Study of Intermediate Technology. | Darnell | Ag. Proj. | 3 | 1 | 292.5 | 46.8 | defer | | deferred | |
| 15. Research Design for Data Collection and Projects Analysis. | | ECD | 132 | 12 | 26.6 | 6.6 | - | - | - | - |
| 16. Research Related to Institutional and Management Aspects in Agricultural Development Projects. | Hendry | Ag. Proj. | 3 | 1 | 60 | 15 | 0 | 0 | 0 | 0 |
| 17. Study of Scale Economies in Beef Production. | Fransen | Ag. Proj. | 4 | 2 | 50.4 | 37.8 | defer | | deferred | |
| 18. Agricultural Mechanization Study in India. | Duane | ECD | 6 | 6 | NA | 10* | NA | NA | NA | 10 |
| | | | 243.3 | 81.3 | 609.6 | 235.2 | 171.3 | 44 | 67.7 | 75.4 |

*In addition to \$40 approved in June 1971

OFFICE MEMORANDUM

TO: See Distribution

DATE: November 5, 1971

FROM: Jack L. Lowther *JL*

SUBJECT: Minutes of Research Committee Meeting, November 2, 1971

Attached are the minutes of the Research Committee Meeting of November 2. They have not been reviewed outside my office. Any corrections required can be taken up at the meeting scheduled for the week of November 22.

Distribution: Messrs. Chenery
King
Reutlinger
van der Tak
Gulhati
Holsen
Balassa
Adelman

Minutes of Research Committee Meeting of November 2, 1971, at 10.00 a.m.

Present: Messrs. Chenery
 King
 Reutlinger
 van der Tak
 Gulhati
 Holsen
 Balassa
 Adelman
 Lowther (Secretary)

Mr. Chenery indicated that it would be reasonable for the Committee to complete the allocation of all research funds by December of this year. Proposals submitted in October would be considered at this meeting, and at a second meeting later this month. Allocation of remaining funds and reallocations, where necessary will be made at a final meeting of the Committee in December. Any changes required after that will be handled through the sub-committees that originally approved the projects.

Mr. Lowther circulated and explained the tables of proposals submitted in October (copy attached).

The Committee then reviewed the proposals submitted and made the following recommendations. The numbers indicate the research projects listed on the tables.

GROUP I, Items 1, 4 & 5 were accepted as submitted.

GROUP II, Item 1 was considered a good proposal, however, there was concern about relevance to the Bank's needs. On this point, the sub-committee had been unable to get an informed judgement from the Education Projects Department. There was also some concern regarding the methodology of the project. Mrs. Adelman indicated that she would work with Mr. Silcock to sharpen the design and insure that the project would be more oriented towards Bank operations. In the end, the Committee decided that the Project should be given a temporary go-ahead pending methodological changes suggested by Mrs. Adelman and the approval of the Education Projects Department. Final determination will be made at the meeting in late November.

GROUP III, Item 1: The funds requested were only a small portion of resources required for the project. A considerable amount of staff time had already been invested. On this basis, it appeared that the request for consultants funds was reasonable and should be approved. There was some concern about the scope of the project and it was suggested that it be approved with the stipulation that Mr. Balassa and Mrs. Adelman convey their feelings to Mr. Pursell regarding the scope, especially the exclusion of the Ivory Coast as a country for study.

GROUP IVD, Agriculture Projects: Mr. King reported that his sub-committee felt that, in general, the proposals submitted were unfinished. This was due to misunderstandings about the instructions,

pressure to generate proposals (because of the noted lack of same during the June Committee proceedings) and the lack of staff time available for research activities in the Agriculture Projects Department. Mr. van der Tak indicated that the Committee should consider the proposals as preliminary ideas that needed further discussion between the Projects Department and the Central Economic Staff before carrying them through to good proposals. He indicated that he would assist the initiation of discussions between Economics and Agriculture Projects.

Regarding the specific proposals submitted, the Committee made the following recommendations:

Item 1. Mr. Reutlinger pointed out that the title was somewhat misleading and that this was a project concerning the transformation of traditional agriculture. It was designed to tie in with sector missions scheduled to go to the countries under study in one or two years. The Committee felt that it was a large project and before going ahead with any firm commitments of large amounts of money, there should be a pilot phase. They accepted the sub-committee's recommendation that \$25,000 be allotted to conduct initial surveys and evaluation of institutions capable of performing the research project. The \$25,000 was considered to be enough to cover surveys in two countries.

Item 3. This is a proposal to develop a model for operational use in the Agriculture Projects Department. At present, there is no indication that anyone in the Agriculture Projects Department could use the model once it has been developed. The Committee felt that it should not be constructed unless there was some indication it would be used. It was recommended that final consideration of this proposal be held until the meeting in late November and that in the meantime the Agriculture Projects Department should be consulted on whether or not they would want to or could use the model.

At the suggestion of the sub-committee the remaining items listed under IVD were handled as follows:

Nos. 5 & 13 were rejected.

Nos. 7, 8, 10, 11 & 15 were accepted for listing in the Bank Research Program - no consultants funds were required. The remainder were deferred for consideration either at the meeting in late November or at the final meeting in December. A full report of the sub-committee is attached for the record.

The next meeting of the Research Committee is tentatively scheduled for the week of November 22.

TOPIC GROUP

Totals

Consultants' Fees (\$000)

| PROJECT | Staff Member Responsible | Department | Staff Time (man months) | | Requested | | Sub-Com. Recommends | | Research Com. Approves | |
|---------|--------------------------|------------|-------------------------|-------|-----------------|-----------------|---------------------|------|------------------------|------|
| | | | Tot | FY72 | Tot | FY72 | Tot | FY72 | Tot | FY72 |
| I | | | 126 | 58 | 100.8 (81.3) | 62.5 (51) | 19.5 | 11.5 | | |
| II | | | 57 | 18 | 23.5 (94.5) | 11 (33) | - | - | | |
| III | | | 15 | 15 | 7 (7) | 7 (7) | - | - | | |
| IV-D | | | 243.3 | 81.3 | 522.9 (15.7) | 199.6 (19.2) | 171.3 | 88 | | |
| | | | 441.3 | 172.3 | 654.2 | 280.1 | 190.8 | 99.5 | | |

| PROJECT | Staff Member Responsible | Department | Staff Time (man months) | | Consultants' Fees (\$000) | | | | | |
|---|--------------------------|------------|-------------------------|----|---------------------------|------|---------------------|------|-----------------------|------|
| | | | | | Requested | | Sub-Com. Recommends | | Research Com Approves | |
| | | | | | Tot | FY72 | Tot | FY72 | Tot | FY72 |
| 1. Issues and Studies on Cost-Benefit Methodology | Lal (Reut.) | Economics | 2 | 2 | 5 | 5 | 5 | 5 | | |
| 2. The Scope for Capital-Labor Substitution in the Mechanical Engineering Industry. | Rhee | DRC | 36 | 24 | 48.3 | 32 | * | * | | |
| 3. Short-run and Long-run Influences Upon Income Distribution. | Adelman | DRC | 84 | 30 | 33 | 19 | * | * | | |
| 4. Economic Performance Criteria | Please | EPD | | | 3.5 | 3.5 | 3.5 | 3.5 | | |
| 5. Cross Section Analysis | Carter | EPD | | | 11 | 3 | 11 | 3 | | |
| 6. Level and Structure of Government Expenditure in African Countries. | Gandhi | EPD | 4 | 2 | - | - | - | - | | |
| | | | 126 | 58 | 100.8 | 62.5 | 19.5 | 11.5 | | |
| | | | | | | | | | * still to be Eval: | |
| | | | | | 81.3 | 51 | | | | |

TOPIC GROUP II

| <u>PROJECT</u> | Staff Member Responsible | Department | Staff Time (man months) | | Consultants' Fees (\$000) | | | | | |
|---|--------------------------|------------|-------------------------|------|---------------------------|------|-----------------------|------|-----|------|
| | | | Requested | | Sub-Com. Recommends | | Research Com Approves | | | |
| | | | Tot | FY72 | Tot | FY72 | Tot | FY72 | Tot | FY72 |
| 1. Professional Structure in South-East Asia. | Hawkins | ECD | | | 10 | 5 | ? | ? | | |
| 2. Poverty "2000". | Hawkins | ECD | | | 81 | 27 | * | * | | |
| 3. Bank Lending and Employment | Schrenk/ Turnham | ECD | 22 | 10 | | | - | - | | |
| 4. Labor Force Participation, Unemployment and Income | Turnham | ECD | 26 | 2 | | | - | - | | |
| 5. A Study of Migration in Ghana. | Zachariah | ECD | 9 | 3 | | | - | - | | |
| 6. Economic Models of Internal Migration. | Keare | ECD | | 3 | 13.5 | 6 | * | * | | |
| | | | 57 | 18 | 23.5 | 11 | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

* Still to be Eval'd;

94.5 33

| PROJECT | Staff Member Responsible | Department | Staff Time (man months) | | Consultants' Fees (\$000) | | | | | |
|---|--------------------------|------------|-------------------------|----|---------------------------|------|---------------------|------|-----------------------|------|
| | | | | | Requested | | Sub-Com. Recommends | | Research Com Approves | |
| | | | | | Tot | FY72 | Tot | FY72 | Tot | FY72 |
| 1. Economies of Scale and Tariff Levels | Pursell | ECD | 15 | 15 | 7 | 7 | * | * | | |

TOPIC GROUP IV-D

Consultants' Fees (\$000)

| PROJECT | Staff Member Responsible | Department | Staff Time (man months) | | Requested | | Sub-Com. Recommends | | Research Com Approves | |
|--|--------------------------|------------|-------------------------|------|-----------|------|---------------------|------|-----------------------|------|
| | | | Tot | FY72 | Tot | FY72 | Tot | FY72 | Tot | FY72 |
| 1. Farm Level Analysis of Typical Farming Operations | Reutlinger | ECD | 48 | 24 | 75.6 | 33.6 | 150 | 25 | | |
| 2. AGP Project Case Study (Lilongwe Project) | Reutlinger | ECD | 3 | 2 | 40.2 | 24.3 | <i>contingency</i> | | | |
| 3. Development of Computer Simulation Models for Use in Appraisal Work. | Reutlinger | ECD | 2 | 1 | 16.8 | 12.6 | 10 | 10 | | |
| 4. An Analysis of the Agricultural Marketing Problems in Low-Income Countries. | Lele | ECD | 14 | 7 | 20.8 | 1.5 | 2 | 2 | | |
| 5. Study of Agricultural Research and Productivity Changes. | Reutlinger | ECD | | | | 30 | 0 | 0 | | |
| 6. Mechanization in India, its extent and its effect on Hired Labor. | Reynolds | S. Asia | | | | 2.6 | 2.6 | 2.6 | | |
| 7. East Pakistan: Farmers Response to the New Varieties. | Husain | ECD | | 1 | | | - | - | | |
| 8. Review of Small-farmer Participation in Yugoslav Agriculture. | Donaldson | ECD | 5 | 5 | | | - | - | | |
| 9. Evaluation of Alternative Livestock Production Schemes in East Africa. | Husain | ECD | | | | | <i>contingency</i> | | | |
| 10. Reappraisal of Credits for Financing Farm Mechanization in Pakistan. | Donaldson | ECD | 8 | 8 | 3 | 3 | - | - | | |
| 11. Reappraisal of Indian Irrigation Projects. | Duane | ECD | 11 | 11 | 5 | 5 | - | - | | |

TOPIC GROUP IV - D cont.

| PROJECT | Staff Member Responsible | Department | Staff Time (man months) | | Consultants' Fees (\$000) | | | | Research Com. Approves | |
|--|--------------------------|--------------|-------------------------|------|---------------------------|-------|-------------------------|------|------------------------|------|
| | | | Tot | FY72 | Requested | | Sub-Com. Recommends | | Tot | FY72 |
| | | | | | Tot | FY72 | Tot | FY72 | | |
| 12. Livestock in the Mexican Agricultural Model. | Norton | DRC | 8.3 | 5.3 | 6.7 | 4.4 | 6.7 | 4.4 | | |
| 13. Study of Investment Costs in Relation to Employment and Underemployment. | Hendry | Agric. Proj. | 2 | 1 | 20 | 10 | 0 | 0 | | |
| 14. Study of Intermediate Technology. | Darnell | Agric. Proj. | 3 | 1 | 292.5 | 46.8 | Contingency | | | |
| 15. Research Design for Data Collection and Projects Analysis. | | ECD | 132 | 12 | 26.6 | 6.6 | - | - | | |
| 16. Research Related to Institutional and Management Aspects in Agricultural Development Projects. | Hendry | Agric. Proj. | 3 | 1 | 8.8 | 2.9 | deferred | | | |
| 17. Study of Scale Economies in Beef Production. | Fransen | Agric. Proj. | 4 | 2 | 6.9 | 16.3 | deferred | | | |
| | | | 243.3 | 81.3 | 522.9 | 199.6 | 171.3 | 44 | | |
| | | | | | | | contingency (2, 4, 14); | | | |
| | | | | | | | | 40 | | |
| | | | | | | | | 88 | | |
| | | | | | deferred: | 15.7 | 19.2 | | | |

MINUTES OF RESEARCH COMMITTEE MEETING

June 3, 1971

All Members present.

Mr. Chenery noted that the Committee would be responsible for allocating 1.6 million dollars set aside in the FY72 budget for consultants' services supporting research activities. Mr. Chenery asked Mr. Balassa to outline recommended procedure for allocating the money.

Mr. Balassa suggested dividing the research projects into six topic oriented groups, and the research committee into three sub-committees. Each sub-committee would each evaluate two groups of research projects. Sub-committees would be free to appoint technical experts to assist them in evaluating research proposals. As a minimum, they should consult the sponsoring Department and counterpart staff in other Departments. Research proposals were grouped as indicated in the attached memo from Mr. Lowther to Mr. Chenery.

Mr. King stressed that the groups of research proposals should cut across departmental lines. This is especially important in evaluating projects which have importance in more than one department. The committee reviewed the list and suggested one or two changes in group assignments (the attached list shows the corrections).

Mr. Adler noted that there appeared to be some imbalance in the number of research proposals in various topics e.g. the number of proposals for transportation research far outnumber agricultural research. Mr. Chenery agreed and pointed out that one of the functions of the committee would be to note such imbalances and recommend changes where necessary.

The Development Research Center submitted a recommendation that its entire research program be considered as a whole, because it is so closely tied to their whole work program. The Committee agreed to take this into account during their evaluations, but felt that the Development Research Center research proposals should be considered individually.

The following topic groups and sub-committee assignments were made:

| | | | |
|----|---|---|----------------------------------|
| I | Development Strategies and Programs |) | Messers B. King and Avramovic |
| | & |) | |
| VI | Other |) | |
| II | Labor Markets, Education and Income Distribution |) | Messers Gulhati and Weiner |
| | & |) | |
| IV | Industry, Trade and Foreign Investment |) | |

| | | | |
|-----|-------------------------|---|----------------------|
| III | Agriculture |) | |
| | & |) | |
| V | Transportation, Tourism |) | Messers J. Adler and |
| | and Public Utilities |) | Baldwin |

The Committee agreed on the following time table for evaluating proposals: (i) Sub-committees will make their initial evaluation on each proposal in their assigned groups by Friday, June 11. (ii) The whole research committee will meet again on June 16 at 3.30, in Conference Room B, to consider all evaluations and allocate the consultants' funds to be devoted to each research project. The Committee will also decide how large a reserve to hold for subsequent allocations. (iii) The tentative research program established on June 16, will be circulated to all interested departments on June 21. They will have until June 25 to request changes. (iv) The first installment of the Research Program for FY72 will be established by June 30.

The Committee reviewed a draft checklist to be used in evaluating proposals (copy attached). They recommended placing more emphasis on evaluating the research project's importance to the Bank and to the academic field concerned. Mr. Balassa was asked to do a short redraft of the checklist.

DRAFT CHECK-LIST FOR
RESEARCH PROJECT EVALUATION

PROJECT TITLE:

STAFF MEMBER RESPONSIBLE:

I Location of Research:

1. If Internal, does the Bank have a comparative advantage in the field?
2. If External, does the Bank's disadvantage in the field make it more economical to do the research outside?
3. If both, is the work divided between internal and external resources to take maximum advantage of both?

II Project Summary:

1. Does the problem to be analyzed fit in with Bank research objectives?
2. Is the proposed research method the most effective way to analyze the problem?

3. Will successful completion of the project fulfill the purposes indicated?

III Project Description:

1. Are all the researchers involved properly identified? Are they competent to carry out the research envisaged?
2. Has previous work on the subject been properly reviewed and taken into account in designing the project?
3. Will the planned work lead to the objectives desired? (Is it the best way to get where we want to be from where we are?)

IV Budget:

1. Do the cost estimates make sense?
2. What would happen to the project if funds were not made available or were delayed to a later fiscal year?

V Recommendation:

1. Approval as submitted

[]

2. Approved with recommended changes
(attached) []

3. Approved with reduction in funds
(details attached) []

4. Tabled for later consideration []

5. Disapproved (attach reasons) []

Mr. Chenery

June 3, 1971

Jack L. Lowther

Research Proposals

Attached is a list of the research proposals submitted, or about to be submitted, by various departments in the Bank. The proposals are not listed in order of priority, because not all departments submitted them that way. Those proposals marked with an asterisk are continuations of existing projects.

Mr. Balassa and I have divided the proposals into six subjectgroups indicated by roman numerals as follows:

- I Development strategies and programs.
- II Labor markets, education and income distribution.
- III Agriculture.
- IV Industry, trade, and foreign investment.
- V Transportation and Public Utilities.
- VI Other.

Evaluation of research proposals from the Development Research Center pose a special problem. Since the entire work program of the DRC is tied in with their research proposals they have submitted a consolidated report (copy attached). They will also submit individual project proposals, however, it may be useful to consider them as a package rather than as individual proposals.

cc: Research Committee

TITLE

\$000 Consultants' Funds by FY

| | | Up to now | FY72 | FY73 | FY74 |
|---|--|-----------|------|------|------|
| <u>AGRICULTURE PROJECTS DEPARTMENT</u> | | | | | |
| ✓ | Livestock Simulation Model | - | 5 | - | - |
| <u>EDUCATION PROJECTS DEPARTMENT</u> | | | | | |
| ✓ | Non-formal Rural Education* | 100 | 150 | - | - |
| ✓ | Functioning of Labor Markets in LDC's | - | 48 | 144 | - |
| ✓ | Cost Effectiveness of Alternative Learning Technologies | - | 32 | 64 | - |
| ✓ | Cost and Financing of Education* | - | 12 | 18 | - |
| ✓ | Development of New Education Planning and Implementation Models* | - | 12 | - | - |
| ✓ | Development of Methodologies for Project Evaluation and Testing (post mortem) | - | 80 | - | - |
| | Total | 100 | 334 | 226 | - |
| <u>INDUSTRIAL PROJECTS DEPARTMENT</u> | | | | | |
| ✓ | Status and Prospects of Mineral Surveys in the Cameroun* | 8 | 22 | - | - |
| ✓ | Earth Resource Technology Satellite, Cartographic Updating and Regional Land use survey* | 4 | ? | ? | ? |
| ✓ | A Design for Guidelines to assess the Environmental Impact of Industrial Projects* | 1.7 | .9 | - | - |
| | Total | 13.7 | 22.9 | - | - |
| <u>PUBLIC UTILITIES PROJECTS DEPARTMENT</u> | | | | | |
| ✓ | Public Utility Pricing | - | 25 | 15 | 15 |
| ✓ | Village Electrification | - | 65 | 30 | 15 |
| ✓ | Property Value Enhancement as an Estimate of Water Supply/Sewerage Benefits | - | 30 | - | - |
| ✓ | Village Water Supply | - | 35 | 35 | 35 |
| | Total | - | 155 | 80 | 65 |

TITLE

'000 Consultants' Points by FY

| | | Up to now | FY72 | FY73 | FY74 |
|---|---|-----------|------|------|------|
| <u>TOURISM PROJECTS DEPARTMENT</u> | | | | | |
| International Hotel Comparison Survey* | ✓ | 10 | 10 | - | - |
| <u>TRANSPORTATION PROJECTS DEPARTMENT</u> | | | | | |
| <i>II</i> Substitution of Labor for Equipment in Road Construction* | ✓ | 165 | 100 | 140 | 100 |
| Highway Design Study (Phase II)* | ✓ | 45.5 | 113 | 113 | 80 |
| Empirical Evaluation of Feeder Road Projects | ✓ | - | 50 | 50 | 50 |
| Promotion of Road Construction Industry in Developing Countries | ✓ | - | 45 | - | - |
| Valuation of Travel Time Savings in Developing Countries | ✓ | - | 25 | - | - |
| Application of the Airport Appraisal Methodology Study | ✓ | - | 25 | - | - |
| <i>I</i> Railway Costing/Pricing Manual | ✓ | - | 20 | - | - |
| Measurement of Road Width/Traffic Flow/Vehicle Speed Relationship | ✓ | - | 12 | 4 | - |
| Effects of Vehicle Passing and Crossing Manoeuvres on Single Lane Roads | ✓ | - | 10 | - | - |
| Toll Road Study * | ✓ | 8 | 7 | - | - |
| Compilation of Highway Design Standards Used in Past Bank Projects | ✓ | - | 10 | - | - |
| <i>I</i> Transport Policy in Developing Countries | ✓ | - | 5 | - | - |
| Impact on Port Congestion of Ship Rescheduling | ✓ | - | 4 | - | - |
| Total | | 218.5 | 426 | 303 | 230 |

TABLE

9000 Consultants' Funds by FY

| | Up to now | FY72 | FY73 | FY74 |
|--|-----------|------------------------|------|------|
| <u>ECONOMIC PROGRAM DEPARTMENT</u> | | | | |
| International Purchasing Power Comparisons (Kravis)* ✓ | 30 | 40 | - | - |
| Cross-Section Analysis of Development Processes* ✓ | 5 | 12 | 9 | - |
| Household Savings Study in India ✓ | - | 75 | 150 | 150 |
| Simulation Model for Country Analysis ✓ | 2.75 | 5.25 | - | - |
| Total | 37.75 | 132.25 | 159 | 150 |
| <u>ECONOMICS DEPARTMENT</u> | | | | |
| Student Loan Schemes and Other Forms of Cost Reallocation: A Systems Approach to Education Financing 1/ ✓ | 0.3 | 9 | 3 | - |
| Development Strategies in Semi-Industrial Countries* ✓ | 43 | 26 | - | - |
| Expansion of Manufacturing for Export in Developing Countries ✓ | - | 38 | 23 | - |
| Evaluation of Alternative Methods for Specifying Sectoral Development Strategies* ✓ | 4 | 20 | - | - |
| The Urban Data Needs of the IBRD: A Proposal for Preliminary Research ✓ | - | 27.36 18 | - | - |
| Agricultural Mechanization Study: India ✓ | - | 50 | - | - |
| Putting Installed Capacity to Work ✓ | - | 38 | 88 | - |
| Labor Markets in Developing Countries and their response to Educational Expansion 2/ ✓ | - | 10 | 5 | - |
| Foreign Investment & Trade Integration in Latin America ✓ | - | 9 | - | - |
| Seminar on Trade Adjustment in Developed Countries | - | 40 | - | - |
| Determinants of Investor-Host Country Relations and Market Shares in Bauxite ✓ | - | 7 | - | - |
| Comparative Analysis of Current and Prospective Competitive Position of Major Petroleum Producing Countries | - | 8 | - | - |

Same as Item 5, Education Projects Department - details of cost and budgeting to be worked out.

TITLE

\$000 Consultants' Funds by FY

| | Up to now | FY72 | FY73 | FY74 |
|--|-----------|-------|------|------|
| <u>ECONOMICS DEPARTMENT CONT.</u> | | | | |
| Total carried forward | 74.39 | 255 | 119 | - |
| Economic Models of Internal Migration | | 13.7 | | |
| World Supply-Demand Prospects for Jute | | 4.5 | | |
| World Tourism Gravity Flow Model | | 7.5 | 5 | - |
| Determination of Measures of Economic Development* | 33 | 7.5 | - | - |
| Total | 124.69 | 253.7 | 124 | - |
| <u>DEVELOPMENT RESEARCH CENTER</u> | | | | |
| Country Programming Model - Mexico* | N/A 1/ | 8 | N/A | N/A |
| Country Programming Model - Ivory Coast" | N/A | 29 | N/A | N/A |
| Country Programming Model - Chile | - | 33 | N/A | N/A |
| Country Programming Model - Korea | N/A | 44 | N/A | N/A |
| Country Programming Model - Turkey | N/A | 46 | N/A | N/A |
| Manufacturing* | N/A | 16 | N/A | N/A |
| Capital-Labor Substitution | N/A | 13 | N/A | N/A |
| Shadow Prices | N/A | 19 | N/A | N/A |
| Income Distribution | N/A | 40 | N/A | N/A |
| International | N/A | 19 | N/A | N/A |
| Total | | 267 | | |

Figures not available

RC/71 - 1

May 6, 1971

RESEARCH COMMITTEE

Note of First Meeting on April 28, 1971

Present: Committee: Messrs. Chenery (Chairman), Adler, Avramovic,
Balassa, Baldwin, Gulhati, King, Weiner

Others: Muller and Lowther

1. The Chairman said the establishment of the Research Committee was the next step in the re-evaluation of the Bank's role in development research. Earlier steps had been:

a) Mr. Balassa's survey of "Economic Research in the Bank" (EC/O/71-61 dated April 13, 1971);

b) the policy paper on "The Role of Development Research in the World Bank" (EC/O/71-55 dated March 25, 1971);

c) the preliminary meeting of the informal panel of external advisers^{1/} held in December, 1970, (see the attached draft "Working Relationships - Alternatives" by Professor Ranis dated February 8, 1971).

TERMS OF REFERENCE

2. The Committee's draft terms of reference were discussed. It was noted that the Committee's main function was to review all Bank research projects and to advise the Chairman, who had ultimate responsibility for approving projects, on their merit in the light of any policy and budgetary guidelines which might be laid down.

1/ To be followed by a second meeting at the Bank on May 19 and 20.

3. It was noted, however, that the Committee's responsibility went beyond the review of projects. There would be broad responsibility for developing an overall research program, setting priorities and, where necessary, initiating research proposals.

4. Directors would continue to be responsible for departmental research budgets and projects for consideration by the Committee would be submitted through normal Division/Department channels. The Committee would, however, make the final recommendation on the allocation of the 'uncommitted' element of the research budget for consultants. It was important that any controversial recommendation by the Committee should be referred back to Department Directors before action by the Chairman.

5. It was agreed that the Committee would consider proposals from other than normal channels. For the present, Mr. Balassa (Acting Adviser on Research) would be the extraordinary channel of communication to the Committee.

CONTACT WITH RESEARCH INSTITUTES

6. The Chairman said that the Committee would formulate guidelines on contact with research organizations in less developed countries, with advice from the external panelists. As a general rule the Bank would not support specific research institutions or individuals. The Bank would design its own projects and enlist the support of local researchers "ad hoc" preferably on a co-operative basis. It was not intended to make any press announcement of the Bank's expanded role in research.

PROCEDURE FOR APPROVING PROJECTS

7. The Chairman said that each Division was being asked to submit a list of projects for review by the Committee, including ongoing projects which would not automatically have priority. Submissions should not cover every request for consultants' support services and should exclude normal service activities. It would be the Department's responsibility to list proposals in an order of priority.

8. The Committee discussed a number of ideas concerning the form of submissions on which Mr. Lowther was working. It was agreed that he would prepare a note giving guidelines on how submissions should be prepared.

9. It was suggested that to assist the Committee in its review of research proposals, a check list of points should be compiled. The Chairman said it might be necessary to set up small ad hoc groups to evaluate projects which came before the Committee. *for Eval*

J. Chaffey
Secretary

Distribution:

Members of the Research Committee
Department Heads, Area and Projects Departments, CES
Chief Economists, Area Departments
Division Chiefs, Projects Departments and CES

WORKING RELATIONSHIPS - ALTERNATIVES

In all cases a small secretariat under the aegis of the International Research Advisory Board would represent the Bank.

I. Relatively Tight Relationship Between the IBRD and the LDC Institutions (Goreux model)

A. Major Pros

1. Bank has more control over design and execution.
2. Bank has better chance for internal feedback and education.
3. Easier to "sell" internally--a more business-like proposition and smaller step for the Bank.

B. Major Cons

1. Capacity of Bank to really design the research needed in any specific sense is likely to be limited.
2. Limited willingness of good researchers and institutions to accept more than very general guidance on research methodology and scope. Moreover, frictions bound to arise in course of development with dissipation of some Bank objectives a real threat.
3. Greater visibility of Bank staff and Bank responsibility for project will make it more difficult to separate out research activities from other things the Bank's staff involves itself in on a continuous basis.

II. Relatively Loose Relationship between the IBRD and the LDC Institutions

A. Major Pros

1. Bank's visibility is limited and relationship to other Bank activities in country sufficiently remote.
2. Acceptability to individual researchers enhanced and frictions in course of project development minimized.

B. Major Cons

1. Bank gives up considerable control over quality and relevance of research design and execution, and consequently accountability is limited.
2. Ability of Bank staff to be involved in learning process, facilitating later feed-back into Bank operations is hampered.

III. Triangular Relationships Between IBRD and DC and LDC Institutions

A. Major Pros

1. Bank achieves greater measure of quality control over research design and execution without having to get heavily involved in a direct fashion.
2. LDC institutions are likely to find this sort of arrangement among professionals most congenial. DC-LDC mutuality of interest on research and training objectives is likely to be the most viable basis for cooperative partnership arrangement in the future and should be an important objective of IBRD activity in its own right.
3. As multilateral capital flows increase relative to bilateral capital flows the need to maintain or expand relevant DC research capacity which has been an important element in bilateral aid programs (e.g., U.S., U.K. and now Canada) should not be disregarded, again in its own right.

B. Major Cons

1. Bank may be accused of primarily helping rich country institutions rather than serving the "reconstruction" and "developing" parts of the world.
2. Bank's direct control over research design and execution is again limited, or at least delegated in part.
3. Ability of Bank staff to be involved in the learning processes, facilitating feedback into Bank operations is hampered.