



THE WORLD BANK



Evaluating Impact: Turning Promises into Evidence

Jordan Education Initiative

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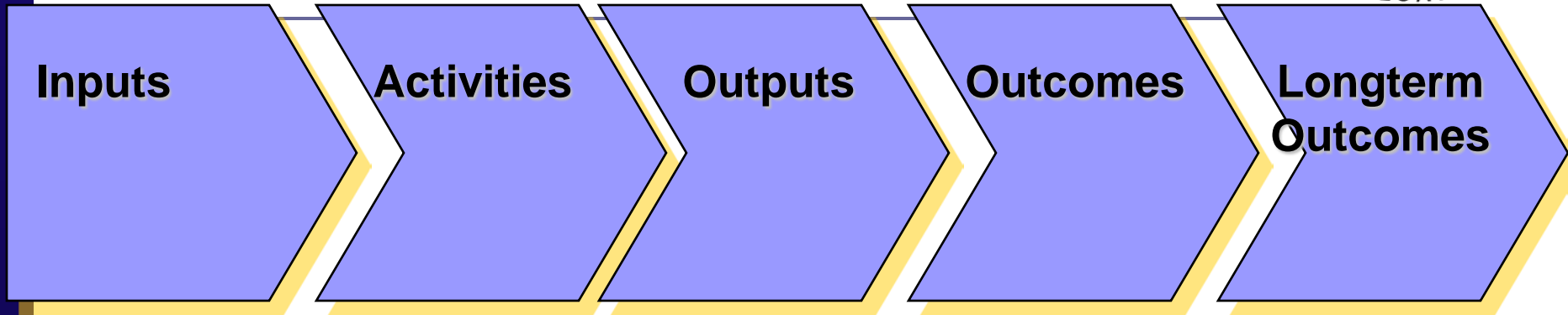
1. Background...cont.

- The Jordan Education Initiative was launched in 2003 as the first public/private-local/global partnership. From 2003-2007 it worked under the umbrella of the World Economic Forum
- 100 schools in Amman were selected for piloting-these schools were called the Discovery Schools.
 - There were three tracks of the JEI: The Discovery Schools, development of the local ICT sector, and the lifelong learning.

1. Background

- Six e-content were developed including: math, Arabic, science, English, ICT, and civics
- In 2007 a comprehensive impact assessment was funded by the USAID and carried out by EDC, and RTI to evaluate the PPP, the classroom pedagogy, technology infrastructure, and total cost of ownership.

2. Results Chain



-Prerequisite vision, political will, ERfKe, educational policies
-financial resources
-human resources from the public and private sectors
-technology expertise

-training
-studies
-develop e-content
-providing technology
-adopting change management
-building the national broadband network

- preparing and equipping 100 schools with technology
- training 3000 teachers
- developing the 6 e-curricula
- 80,000 student were influenced by technology

-improved learning performance as measured by PISA, TIMSS, and NAfKE
-improvements in teachers strategies adopted in the classroom
- improve attendance of students and reduce drop outs
- improving students IT skills
-developing the local IT sector

-improve skills for employability
-minimize discrepancies and provide opportunities for all

4. Outcome Indicators

- ❑ Students average scores in the national and international studies and % of students reaching defined benchmarks
- ❑ Teachers performance in the classroom
- ❑ % of teachers integrating technology in their teaching
- ❑ Students and teachers attitudes towards technology
- ❑ % of students attendance
- ❑ % of students who drop out of school
- ❑ Revenues of the local companies that are partner with the JEI
- ❑ Competitiveness edge of the local IT companies as measured by the number of contract locally, regionally, and globally, and the number of IT products been developed

3. Primary Research Questions

- ❑ What is the impact of the JEI on students learning performance and 21st century skills?
- ❑ To what extent does the JEI affect the teaching strategies adopted in the classroom?
- ❑ What is the impact of the JEI on students attendance and drop out?
- ❑ What is the impact of the JEI on developing the local IT sector through the public-private partnership?

5. Identification Strategy/Method

- Matching
- Difference in Difference

6. Sample and data

- The 100 Discovery schools are distributed into 4 school districts in Amman. A suggestion strategy for sampling will be:
 - Two elementary schools for girls and two for boys from each district
 - then two secondary schools for boys and two for girls from each district
 - Total: 32 schools (16 elementary and 16 secondary)
 - Then match them with 32 non discovery schools based on data from 2003
- Another sample will include all the local IT companies to measure the impact of the partnership on these companies.

6. Sample and data...cont.

- The data to be collected are:
 - baseline data for the schools in Amman school districts in 2003
 - Data on attendance and drop outs
 - Classroom observations, focus groups, and interviews
 - Baseline data on local IT companies in 2003
 - Data on companies that partnered with the JEI in 2012 (revenues, contracts, and products)

7. Time Frame/Work Plan

- Data Will be collected on yearly basis starting 2009 up to 2012

8. Sources of Financing

- Donor Agencies