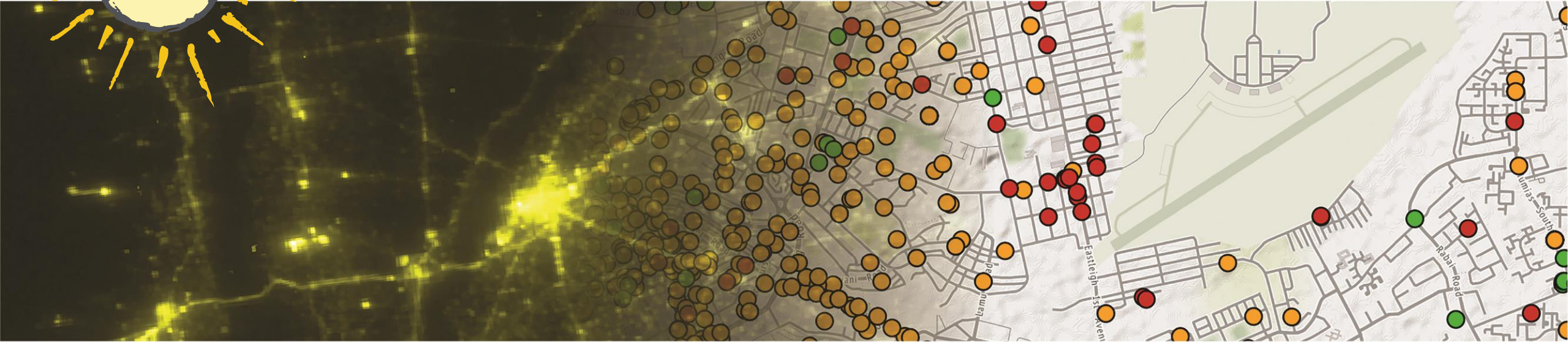




IE CONNECT FOR IMPACT

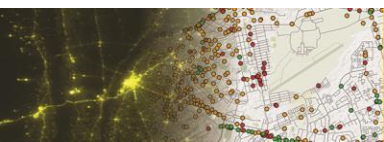
Transforming the Growth Potential
of Transport Investments

Rwanda Feeder Roads Development Project

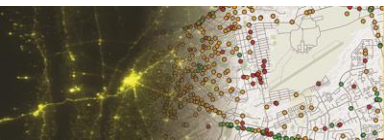


Program and Intervention to be Evaluated

- **Objective:** Rehabilitation, Upgrading and Maintenance of indicative Feeder Roads in Rwanda
 - Component 1 – Rehabilitation, Upgrading and Maintenance of Indicative Feeder Roads
 - Rwanda Transport Development Agency/ with WB funds and MDTF
 - **Goals:** Enhance all season road connectivity to agricultural market centers in selected districts
 - **Target:** Rural people living within 2 km of the improved feeder roads.
- Total kilometer 1,582 km (WB:720 km, NL:162 km and EU: 700 km)

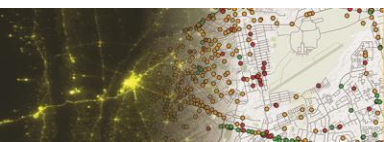


Map



Impact Evaluation

- What are the impacts of Feeder Road rehabilitation on the costs for traders stratified by gender of connecting remote communities to markets (caused by both reduced transportation costs and commercialization of remote communities)?
- How does improved access to trucks for transportation of goods affect producers stratified by gender in rural areas?



Theory of Change

Rehabilitation/
upgrading and
maintenance of
indicated feeder
roads

Number of km
rehabilitated
Number of markets
connected

Travel time reduced
Transport cost
reduced
Agriculture
production(volume)
to market increased

Improved welfare of
the rural population
Agriculture
marketing enhanced

Measurement Goals

Key variable to measure

- Travel time reduced
- Transport cost reduced
- Agriculture production(volume) to market increased
- Means of transportation for agriculture products to market

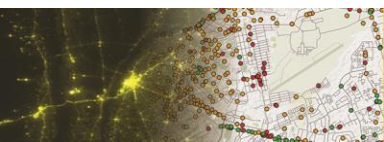
Data collection

- Most of the data are available in the current data system
- Data collection from local authority and at market (traders and truckers)

Timeline and frequency

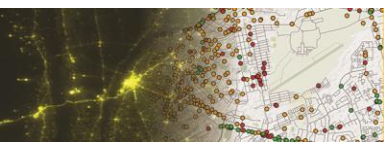
- From June 2020 and that will be collected on yearly basis

What are the existing data systems: Household survey, existing statistic data from local authority.

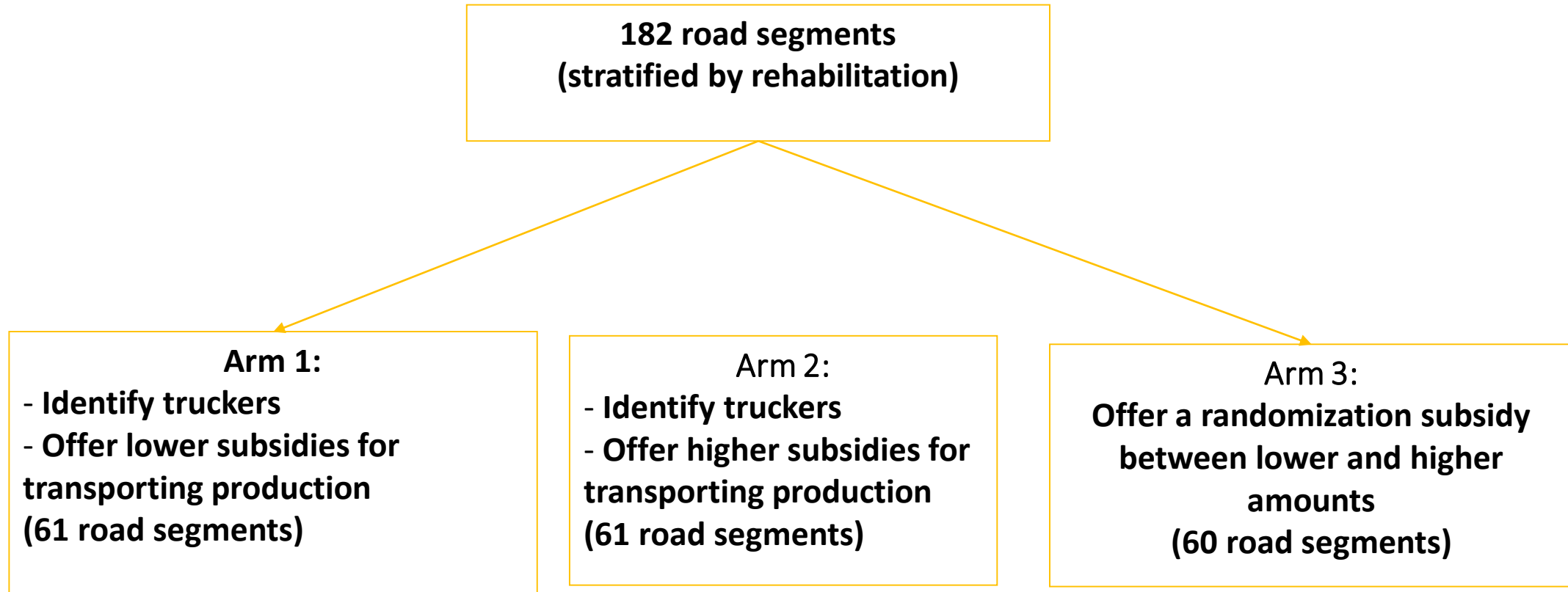


IE Methodology (Experimental)

- Additional component to the ongoing impact evaluation taking advantage of the existing data system to learn more on transport cost,
- Subsidize traders willing to go to remote household to buy produce and sell to market,
- “Willingness to accept” auction to determine true transport cost and get randomized variation in whether the traders go to identify causal impacts on households,



IE Methodology (Experimental)

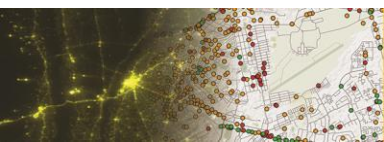


Challenges

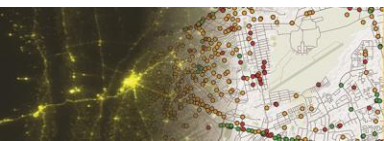
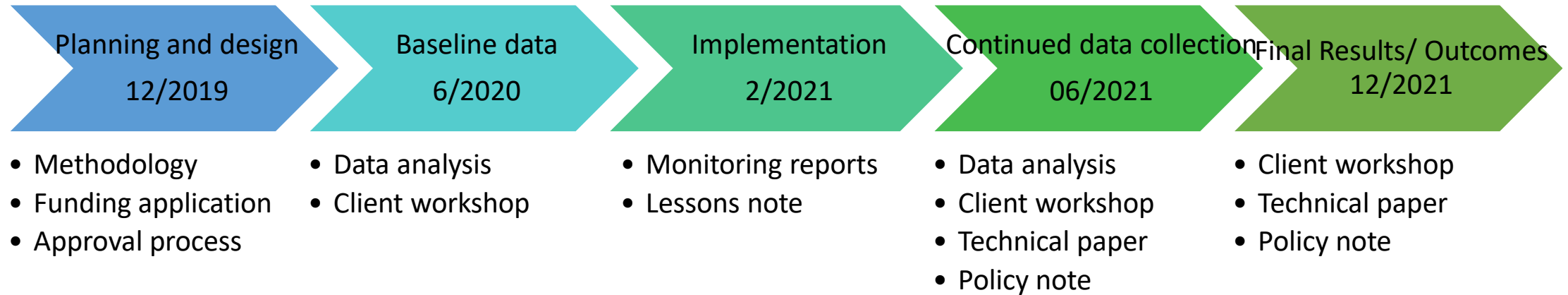
- Identifying the truckers
- Deciding on the amount of subsidies to be offered

Way forward

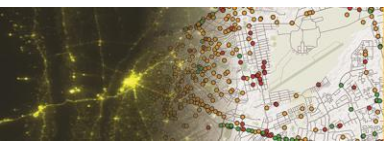
- Conduct piloting to get idea on the amount of subsidies and traders selection



Timeline



Team Photo



Thank you

