




Africa Infrastructure Country Diagnostic Study: Progress Report

Infrastructure Consortium for Africa
Regional Economic Communities Forum


Tunis, April 2006

Vivien Foster, World Bank

Why?

 **Quality:** lending is increasing rapidly, our body of knowledge remains sparse in terms of

- Investment needs and priorities
- Appropriate policy reforms

 **Accountability:** need to establish a baseline against which future progress can be measured

What?

Stage
Five

Periodic Update Process

Stage
Four

Dissemination

Stage
Three

SSA INFRASTRUCTURE
FLAGSHIP

Stage
Two

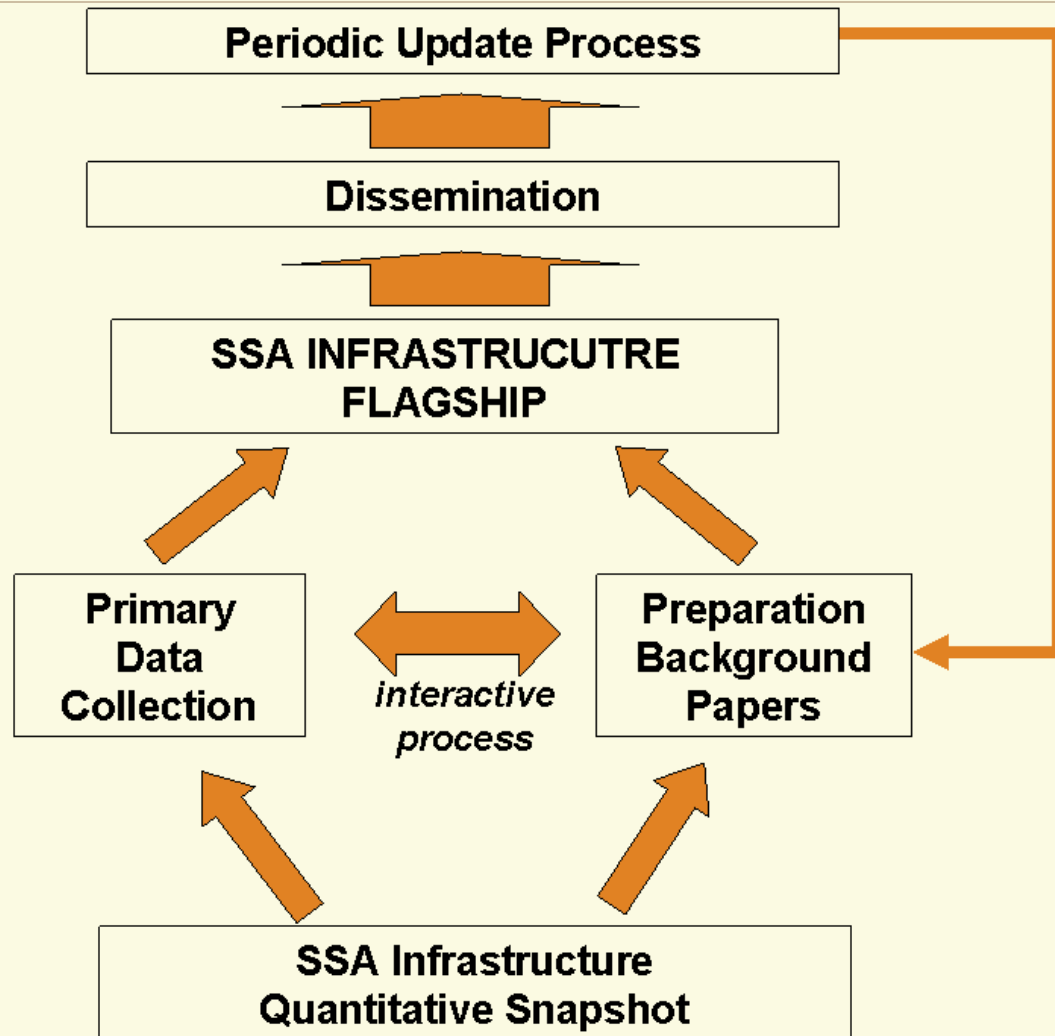
Primary
Data
Collection

interactive
process

Preparation
Background
Papers

Stage
One

SSA Infrastructure
Quantitative Snapshot



Overview of progress

- Finalization of country selection
- Consolidation of reporting channels
- Establishment of project team
- Financial situation update
- Activities underway
- Timetable

Country selection method

“Substantiveness”

- Countries account for 85% of GDP, population and infrastructure aid flows

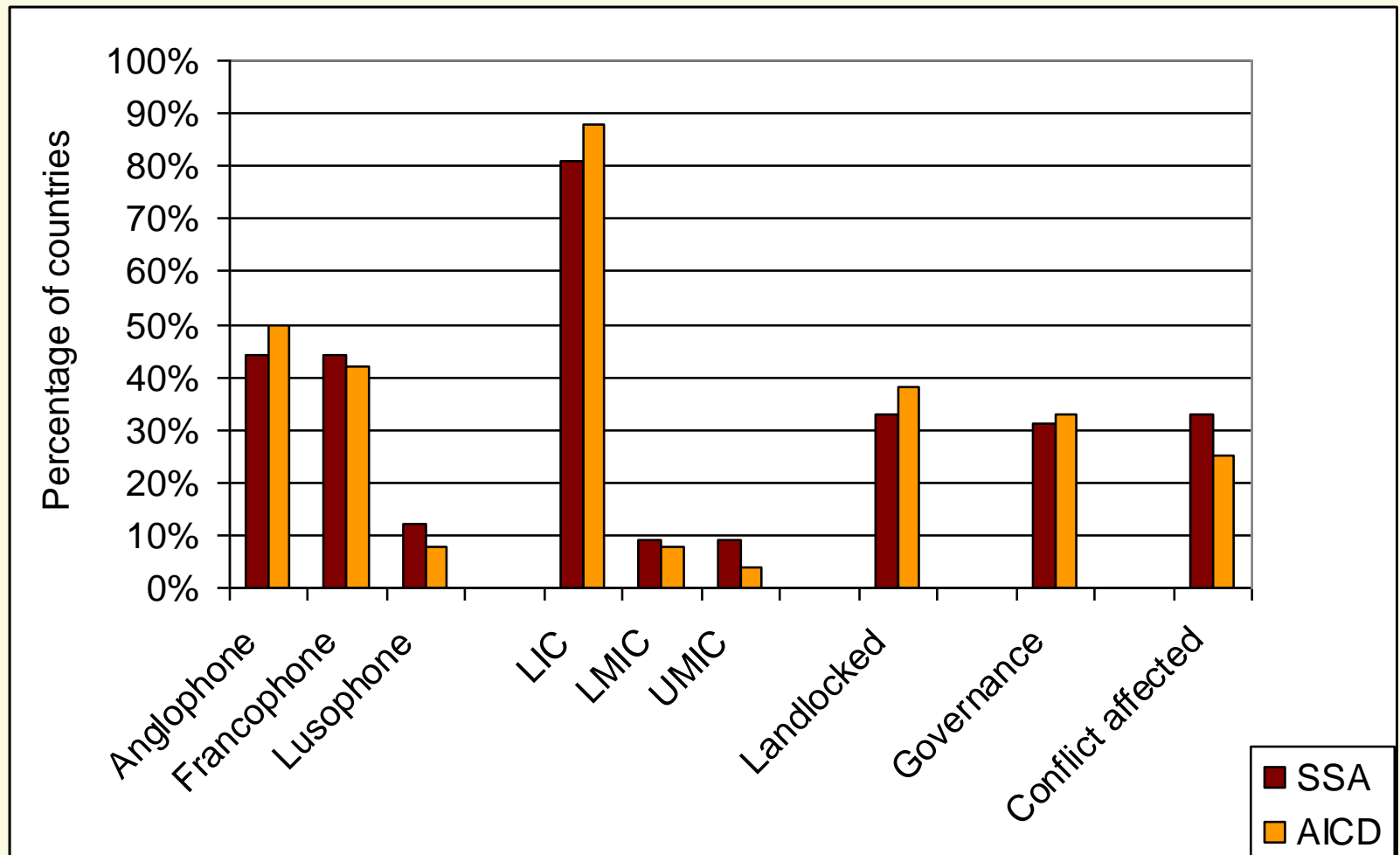
Pragmatism

- Countries score well on availability of primary data: census, surveys and statistical capacity

“Representativeness”

- Countries are comparable to SSA in language, income, geography, governance and conflict

AICD countries versus SSA

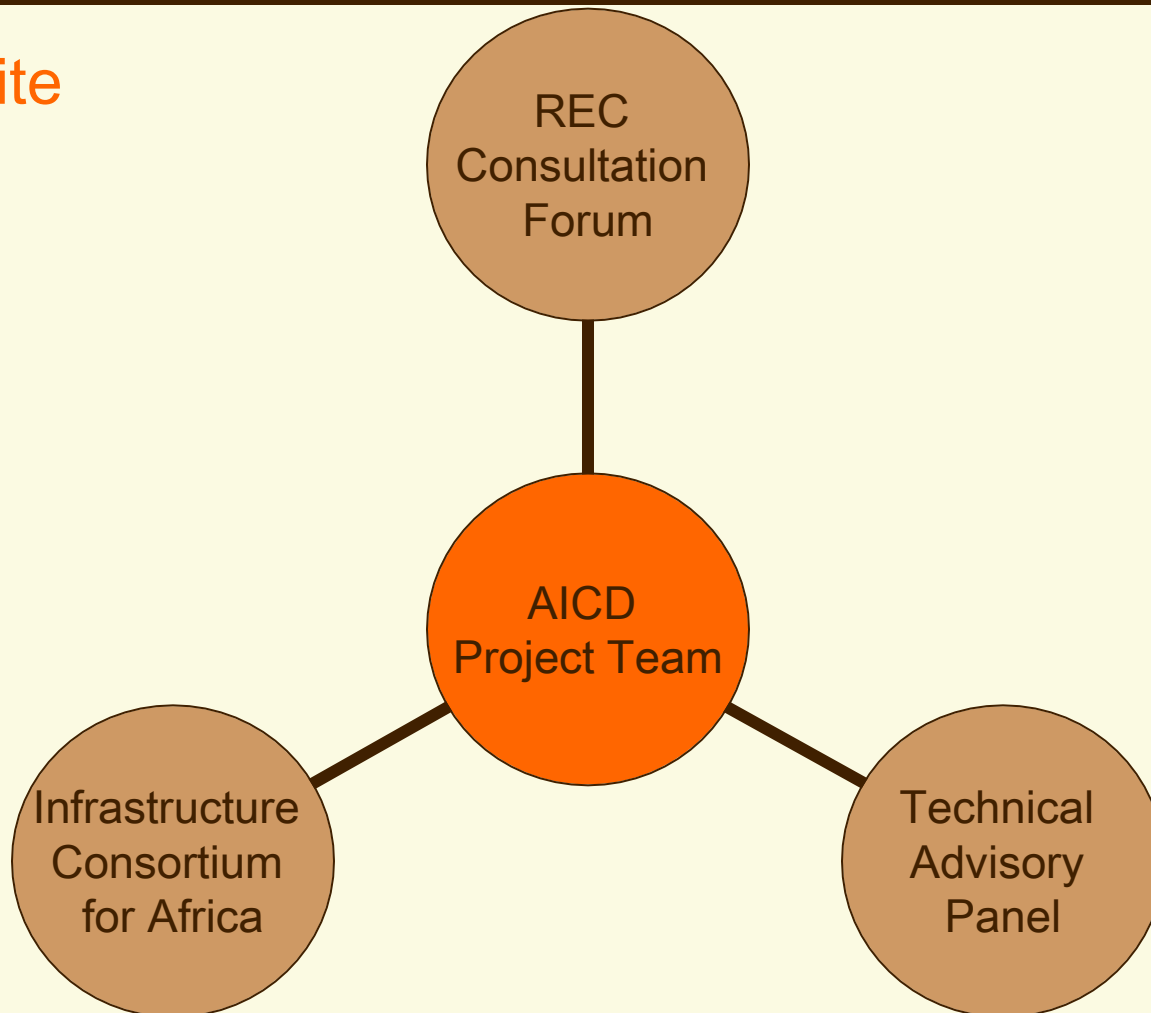


Map of 24 AICD countries



Reporting and quality control

Website



Project team

Leadership:

- Antonio Estache, Senior Adviser
- Vivien Foster, Lead Economist

AfDB Liaison:
Motselesi
Lebesa

Technical specialists:

- Cecilia Briceno-Garmendia, Senior Economist
- Sudeshna Ghosh Banerjee, Young Professional

Administrative support:

- Dominique Akele, Program Assistant



REC consultation forum

- 📄 Regular update presentations (linked to Consortium meeting cycle)
 - Inaugural meeting: Tunis April 12th
- 📄 Invitees: AfDB, AU, DBSA, CEMAC, ECOWAS, ECCAS, EAC, COMESA, NEPAD, SADC
- 📄 Quarterly progress updates via article in NEPAD weekly newsletter

Infrastructure Consortium

📄 Regular update presentations at Consortium meetings

📄 Quarterly progress report

- Circulated to list serve
- Level of detail desired?

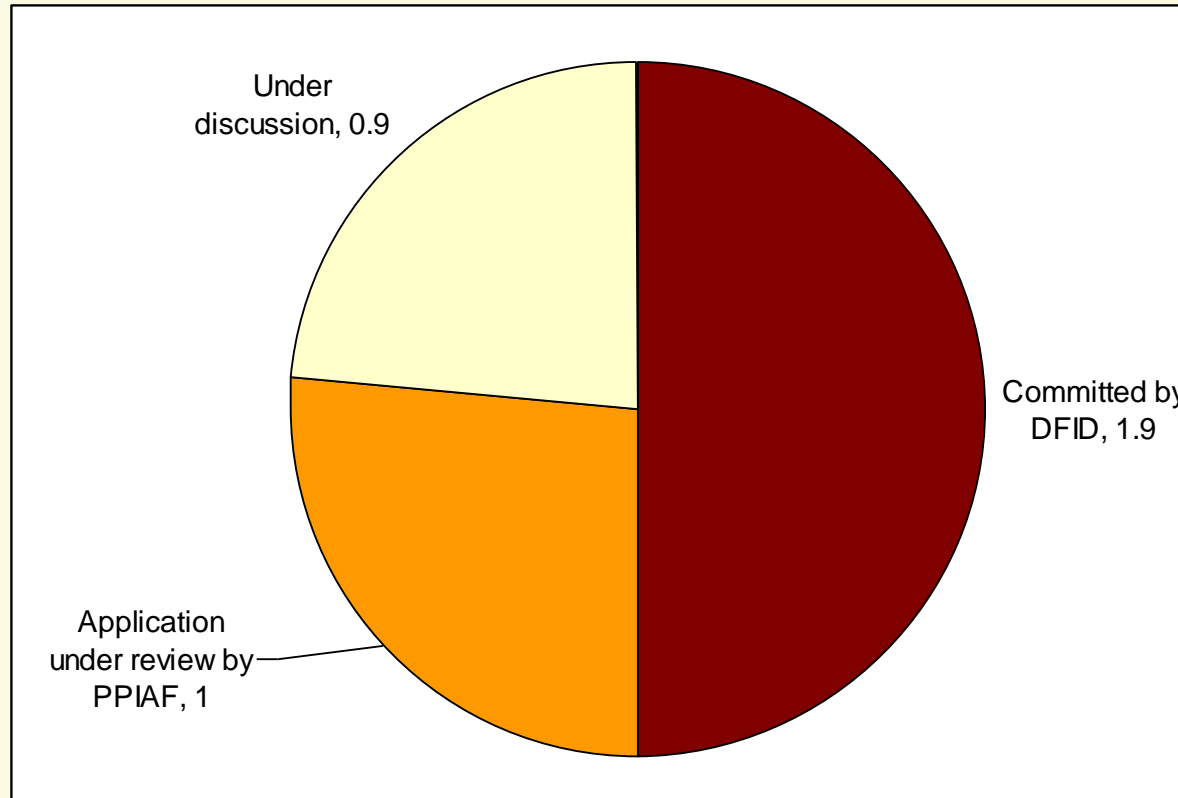
Technical advisory panel

- 📄 Peer Review Group to provide quality control for technical outputs (6-12)
 - Virtual review for draft reports
 - Remuneration based on small retainer
- 📄 Distinguished academics, experts and policy makers from Africa and beyond
 - Infrastructure, Africa, Operators, Bankers, Big Names
- 📄 List of candidates circulated for comments and suggestions

Website

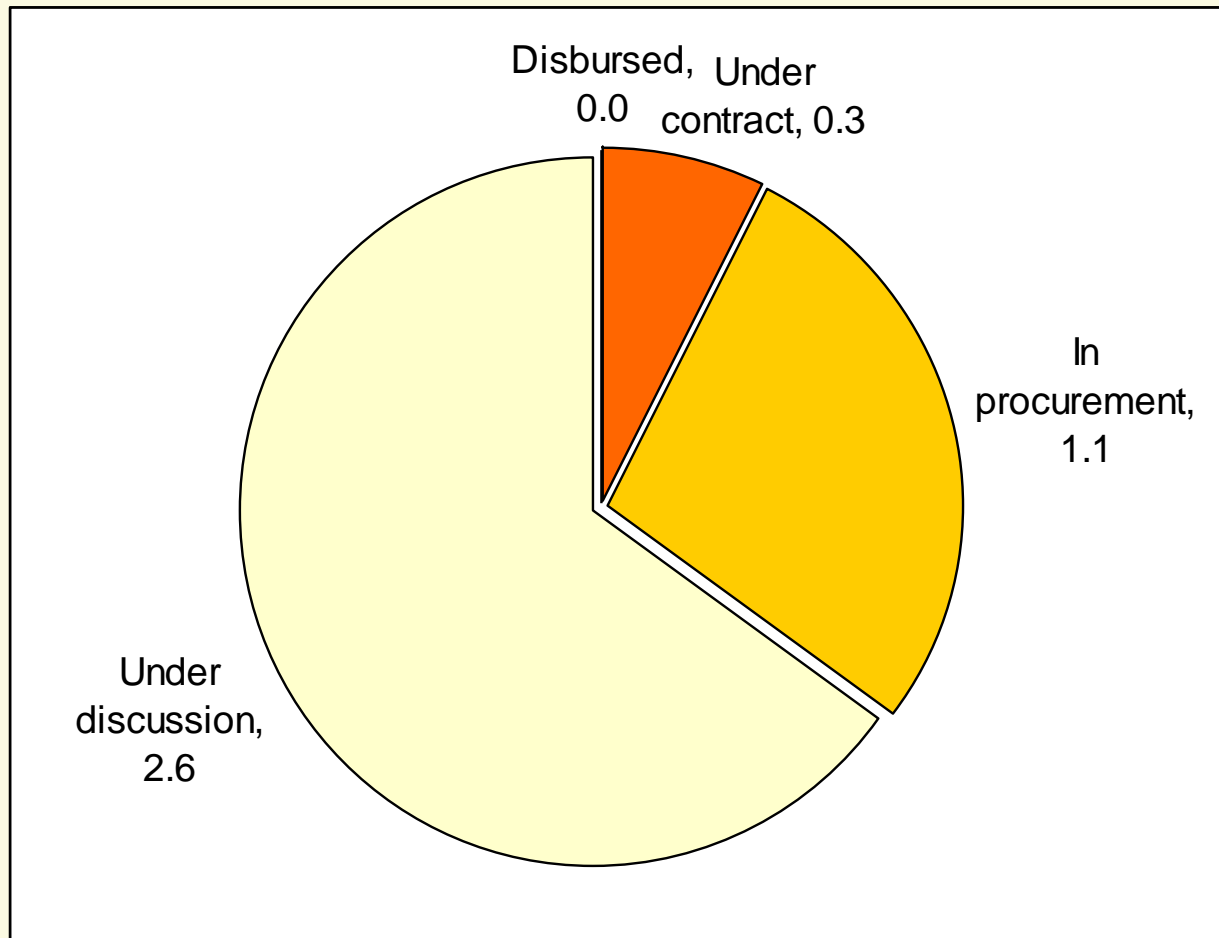
- 📄 Creation of website currently under contract (www.infrastructureafrica.com)
- 📄 All project outputs will be posted
- 📄 Two different views
 - Public: finalized data and reports
 - Private (password): WIP, reporting
- 📄 Expected to go live in May!

Close to 75% of funds raised



World Bank contribution of US\$400,000 in staff time for supervision of study components

Close to 33% of funds committed



Contracting of data collection stage advanced

Activities underway



Data collection

- Fiscal costs of infrastructure
- Investment needs studies
- Sector performance indicators
- GIS data platform
- Pending: unit costs



Analytical studies

- Growth story (General Equilibrium Models)
- Fiscal space story (Financial Programming)
- Potential for local finance of infrastructure
- Infrastructure platform for private sector
- Pending: everything else!

Unit costs study

📄 Key data gap on unit costs

📄 Precedent of irrigation study

- 314 projects undertaken worldwide from 1967/03 by WB, AfDB, IFAD

📄 Desire to replicate this via AICD

- World Bank (150 projects in SSA 1995/05)
- Other donors???
- Government funded projects

Timetable

	Data collection	Data analysis	Summary report	Dissemination
Q1 2006				
Q2 2006				
Q3 2006				
Q4 2006				
Q1 2007				
Q2 2007				
Q3 2007				
Q4 2007				

Data collection strategy

COUNTRY BY COUNTRY

MULTI-COUNTRY

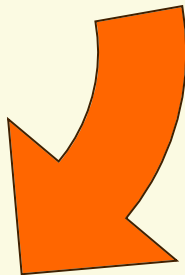
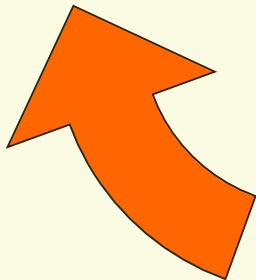
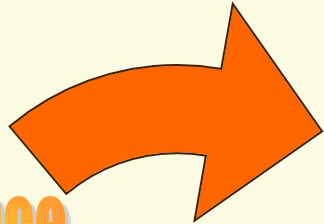
**Performance
Indicators**

Unit Costs

GIS Platform

Enterprise Surveys

Household Surveys



Fiscal costs

 **Goal:** standardized baseline on fiscal costs of infrastructure

 **Method:**

- Collects data on last 3-5 years
- Includes central and (summary) local gov't
- Incorporates SOEs and off-budget vehicles
- Disaggregated by sectors/functions


Investment needs

 **Goal:** estimate forward looking investment needs for each sector

 **Method:**

- Goes beyond top down macro studies
- Develops spreadsheet tool not number
- Incorporates economic and social needs
- Includes investment, rehabilitation and maintenance

Performance indicators

 **Goal:** provide quantitative portrait of sectoral situation in each country

 **Method:**

- Template of indicators building on existing initiatives
- Covers various themes: institutional framework, access, pricing, technical
- Mixture of collation from variety of existing sources and field collection


GIS Platform

 **Goal:** create integrated GIS database on infrastructure in Africa

 **Method:**

- Overlay existing infrastructure maps from various sources (ICT, energy, roads, ports)
- Upload census information to reflect spread of population and economic activity
- Combine with environmental data (rainfall, soil cover, cropping patterns, water courses)


Household surveys

 **Goal:** document contribution of infrastructure to household welfare

 **Method:**

- Systematic collection of descriptive statistics on access and expenditure from DHS and LSMS surveys
- Review available mega-city surveys
- In-depth analysis of key issues: urban transport, rural roads, and ICT rollout

Enterprise surveys

 **Goal:** identify minimum infrastructure platform to support private sector development

 **Method:**

- Analyze data from new and existing Investment Climate Assessments
- Incorporate additional transport questions
- Ad hoc trucking survey

Issues for discussion

- 📄 Reporting format (forums, newsletter, structure, frequency, website)
- 📄 Composition of Technical Advisory Panel
- 📄 Content and methodology of data collection efforts
- 📄 Scope for collaboration on unit costs study

Original budget

	Units	Unit cost	Total cost
Stage One			70,000
Quantitative snapshot paper	1	70,000	70,000
Stage Two			2,625,000
Coordination Meetings	4	25,000	100,000
Supervision of work (staff weeks)	50	4,000	200,000
Country level data collection exercise	47	25,000	1,175,000
Preparation of Background Papers	23	50,000	1,150,000
Stage Three			150,000
Drafting of Flagship Study (staff weeks)	25	4,000	100,000
Publication of Flagship Study	1	50,000	50,000
Stage Four			350,000
Workshops During Preparation Phase	4	25,000	100,000
Road Show Workshops	4	50,000	200,000
Production of Video	1	50,000	50,000
Stage Five			660,000
Country Level Data Updates	47	10,000	470,000
Policy Paper on Key Issues	3	25,000	75,000
Evaluations of Key Infrastructure Projects	3	25,000	75,000
Drafting of Update (staff weeks)	10	4,000	40,000
Total			3,855,000