



Institute of
Development Studies

Green Growth Diagnostics for Africa -LCEDN-

Ana Pueyo

Durham, 24th February 2015

Contents

1. Project aims
2. Research questions
3. Project team
4. Progress
5. Challenges

Project aims

- **Aim:** optimise policies for green and inclusive investment in Sub-Saharan African countries (Kenya and Ghana) with a focus on the energy sector

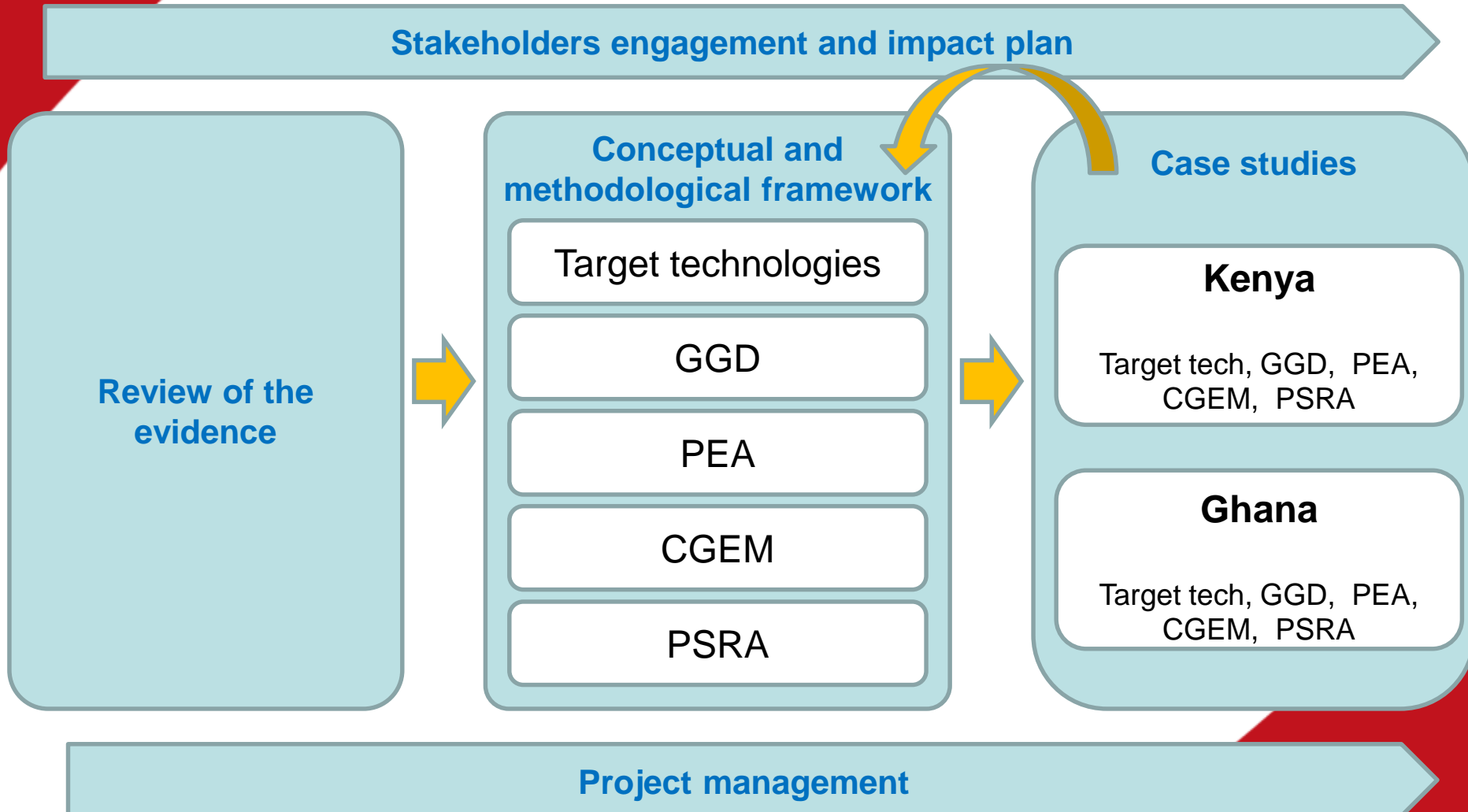
- **Why sub-Saharan Africa?**
 - Large untapped renewable resources
 - Low access to reliable and affordable energy

- **Driving question:** What is holding back investment in renewable technologies in Kenya and Ghana where the economics would support this investment?

Sub-questions

1. Which renewable technologies are economically and financially feasible in Kenya and Ghana?
2. What are the most binding constraints for investment in those technologies?
3. Which policies can most effectively target different binding constraints?
4. How did constraints come to be and who obstructs/drives the adoption of specific sustainable energy policies in Kenya and Ghana?
5. What would be the macroeconomic impacts of an increase in renewable energy investment/capacity, and the reforms needed to bring this increase about?
6. Under what circumstances does increased on-grid renewable energy capacity translate into increased access to and increased reliability of electricity supply in developing countries?

Work packages



Resources- Team



Resources- Team

Team	Role	People
IDS	Overall coordination and methodological leadership	Ana Pueyo- PI Stephen Spratt- GGD method Hubert Schmitz- Political economy Dirk Willemböckel- CGEM Stacey Townsend- Administration Sharon Ward- Finance Emilie Wilson- Communications
ISSER	Ghana case study leadership	Simon Bawakyillenuo - Lead Franklin Nkudefe Adjotor- RA Vicentia Kotia- Comms
KIPPRA and Ashington	Kenya case study leadership	Dickson Khainga- Lead James Gachanja- RA Helen Osiolo- RA Ashington Ngigi- Advisory
Durham and Newcastle	Technical leadership	Chris Dent Neal Wade Research Assistant
The Policy Practice	Quality control, advisory	Andrew Barnett

Progress

- Papers
 - Working paper on a literature review and scoping study
 - Working paper on a green investment diagnostics methodology (work in progress)
- Research tools
 - One tool for assessment of economic and financial viability of generation alternatives
 - Green investment diagnostics tool – Decision tree
 - Political economy analysis methodology
 - CGEM for Kenya and Ghana
- Engagement events/material
 - Focus group in Kenya
 - Visits to Geothermal and Wind generation plants in Kenya
 - 3 blogs
- Data collection
 - Start project data collection
- Two team meetings

Challenges

- Timely delivery of partners
- Keep commitment after the excitement of annual face to face meetings
- Communication by Skype/teleconference