



Energy Catalyst: Developmental Impact

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Purpose and Scope

Why?

- DfID have funded 73 EC projects in Rounds 3,4,5.
- Further 18 projects have been funded through Round 6
- Intensity of funding has varied depending on dev. country relevance, sector and technological theme.
- Reporting has mainly consisted of quarterly reports as well as final report
- A need to analyse the portfolio of projects in terms of their developmental impact or their fit, for example, to the overall aims and objectives of the Transforming Energy Access programme.

Timeliness

- EC 6 funded entirely by DfID.
- Identify areas where projects funded through Round 6 and future EC rounds can be supported in achieving development impacts and reach full development potential.

Aim & Objectives

Aim: Undertake a review to map the DFID-funded EC portfolio against TEA objectives and offer an initial analysis of their developmental impacts

Objectives:

1. Portfolio Review – based on existing project docs
2. Case Studies – selected projects will be identified and contacted for further information/ clarification
3. Recommendations – on going review of developmental impact and further support for on-going/ new projects

NOT AN EVALUATION OF INDIVIDUAL PROJECTS



Methodology

- Classification table produced
- Identified whether they were funded by DfID or not
- Identifying whether projects had/have a SSA/ South Asia link
- Projects were identified as having
 - 1) No Development component
 - 2) Generic Development component
 - 3) Strong development component
- Based on secondary documents at initial stage of project (directory of projects) and at end stage (Quarterly/ final reports)

Methodology....

- Process of elimination - Projects with strong development component were included in next phase of classification
- 21 projects identified
- Follow up online survey to these projects
- Further elimination based on responses and TEA annual report and Innovate UK analysis.

What has been missed

- There are a few examples in the data of projects that were funded by DfID and had no development component
- This is potentially a reflection of reporting frameworks at the time (currently being addressed in subsequent project reporting)
- But.. We know that some have been working in the development space since their project
- Need to potentially capture this information.

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Developmental Impact: SCORRES Smart Control of Rural Renewable Energy & Storage

From



To



Key Outcomes

- Irrigation trials showed an increase in yield, a reduction in water use and commensurate reduction in energy requirements for pumping.
- For the lettuce trials, 'nutritional' values for water, Mg, FE and Ca were higher in the smart irrigated beds than the manual beds.

Going forward

- Project finished in mid 2018, Scene Connect Ltd have gone on to be apart of further collaborations for projects EMBELEM and REFRUIT (Agritech)
- A new SME, FarmHand Ltd, has been incorporated to take irrigation system to commercialisation.
- Won 2 awards at Rushlight 2018

Projects were asked to consider Gender and Social Inclusion in EC6

- Developmental impact goes beyond the 'potential'
- Interrogation of 'potential' even if at this stage, project is not testing/producing in a specific country
- Building relationships with all partners, especially overseas partners
- How to approach and address gender/ social inclusion in application and project

EC7 and Beyond

- Will be launched June 2019
- Will almost certainly include gender/ social inclusion
- ODA Compliant
- Not only requirement to report on developmental impacts but it is fundamental to the success of innovation.