

LCS-RNet 8th Annual Meeting | 6-7. September 2016 | Wuppertal

Small-scale energy projects in the global South - Can they contribute to decarbonisation?

Findings from an impact evaluation

Dr. Julia Terrapon-Pfaff
Marie-Christine Gröne
Carmen Dienst
Willington Ortiz

Introduction

Evaluation Approach

Evaluation Results

Lessons Learned

- **WISIONS started in 2004** promoting the introduction of sustainable energy solutions
- Main objective of WISIONS is to **make clean energy a default solution for basic energy needs in developing regions, by helping local partners** to identify successes and bring them to scale through regional networks, marketing and demonstration.

Support Tools

Regional partnerships and networks



Promoting South-South knowledge exchange for promising technology in one region

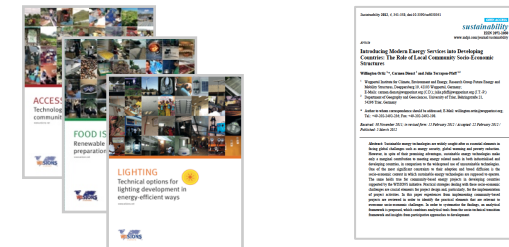
SEPS – Sustainable Energy Project Support



Supports sustainable, innovative and feasible energy projects

Information & Knowledge sharing Tools

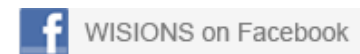
Website: www.wisions.net



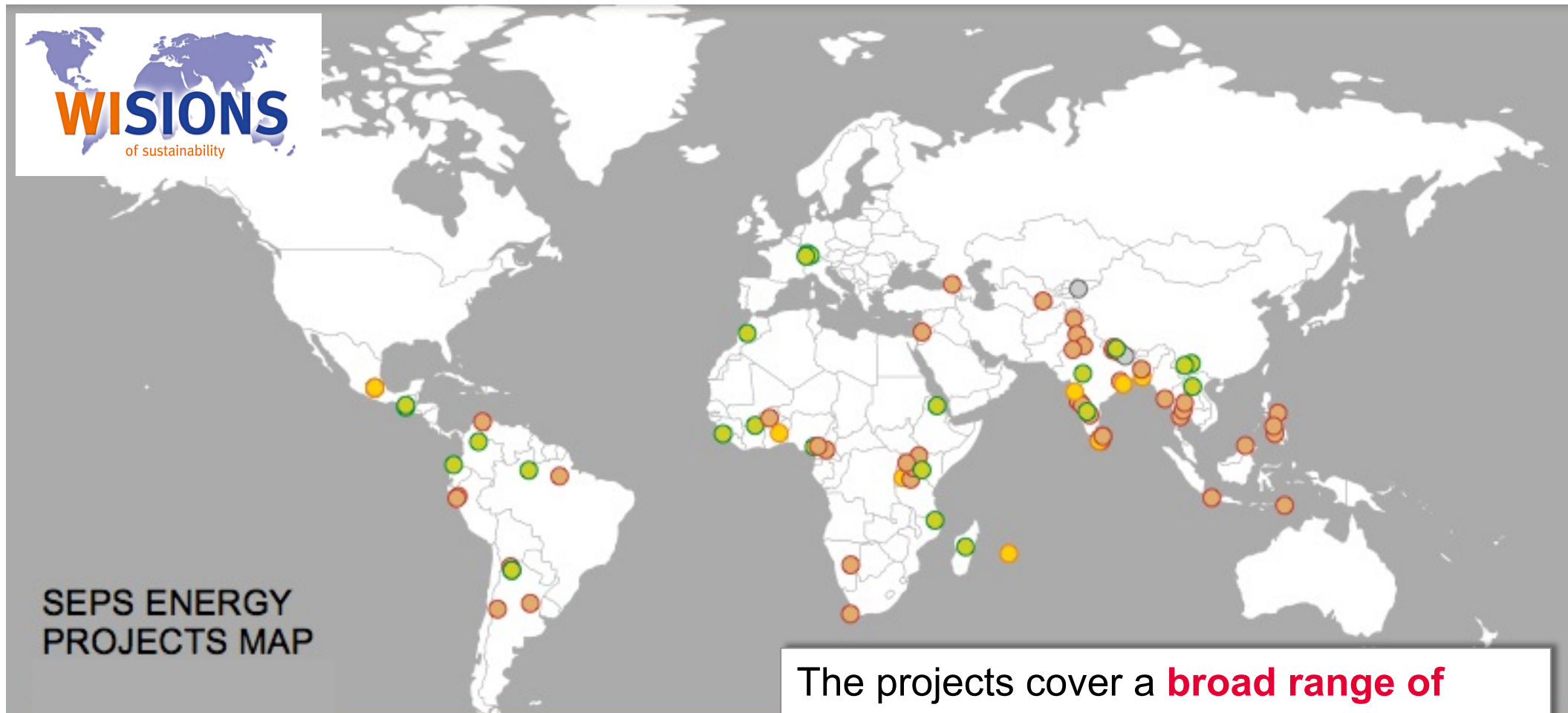
Brochures

Scientific publications

News Blog & Newsletter



Since 2004 over 105 projects and exchanges have been supported by the SEPS scheme



The projects cover a **broad range of energy applications** in different contexts and are located **in over 40 countries**.

Introduction

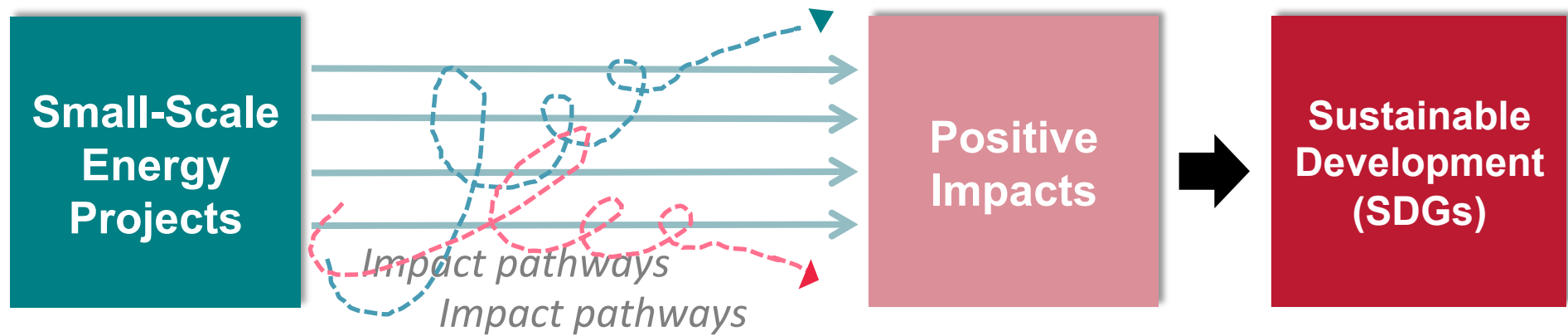
Evaluation

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Impact Evaluation

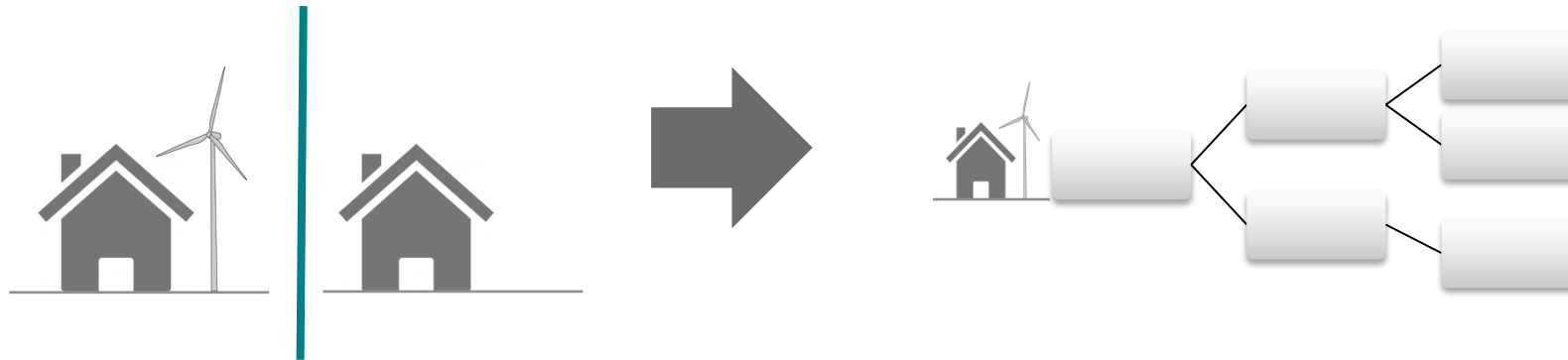
From aid effectiveness to development effectiveness



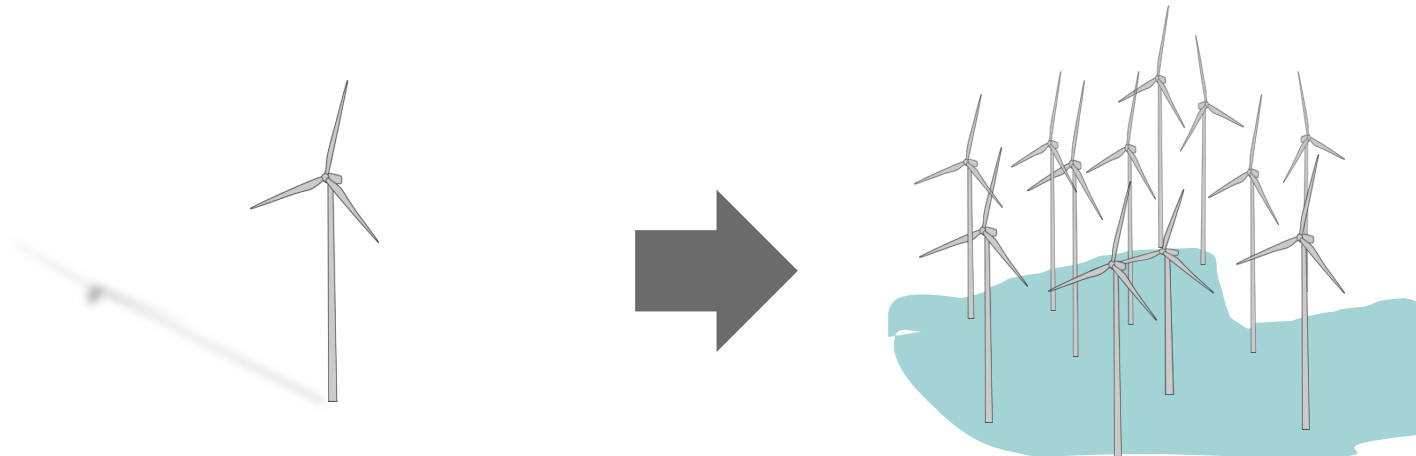
Evaluation Approach

Theory-based Evaluation

› From (quasi) experimental to theory-based evaluations

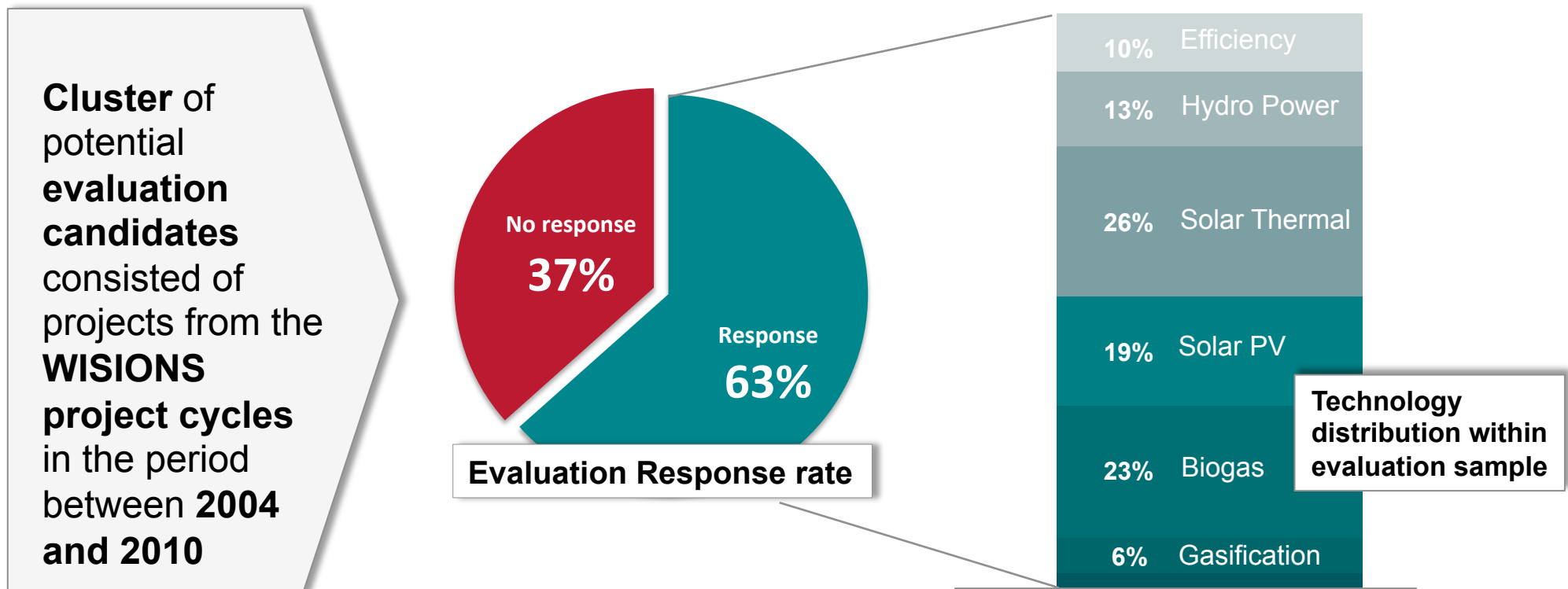
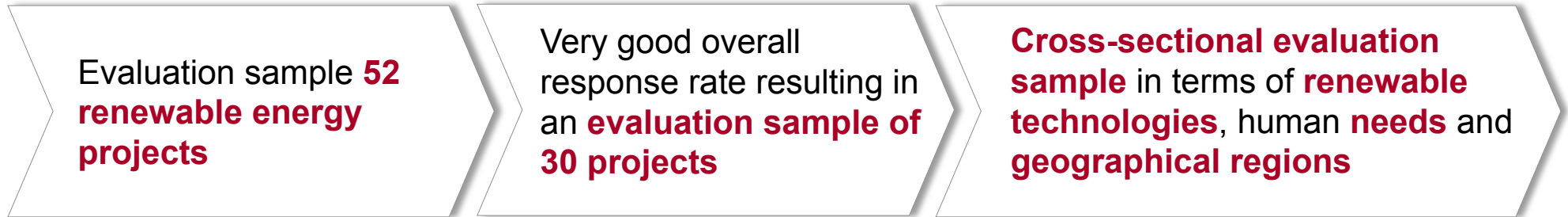


› From individual project evaluations to systematic assessments



Evaluation sample

Evaluation was designed as a semi-structured in-depth survey



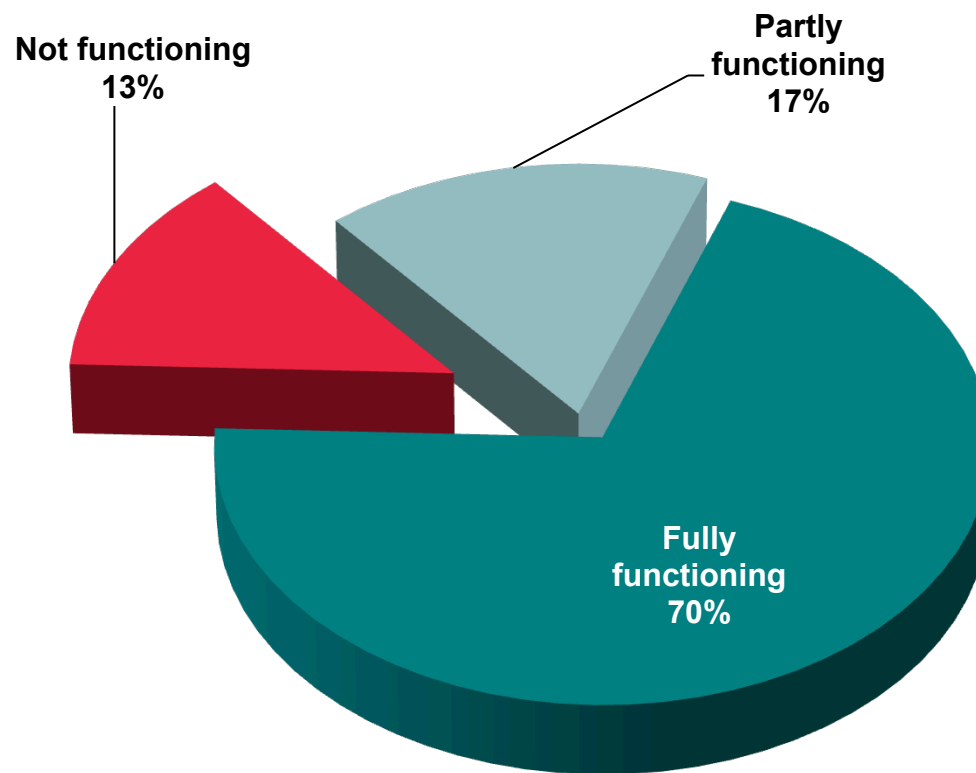
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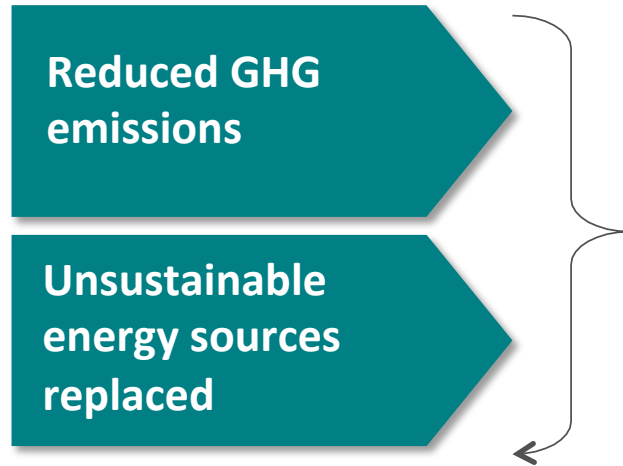
Evaluation Results

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Project Status 2015

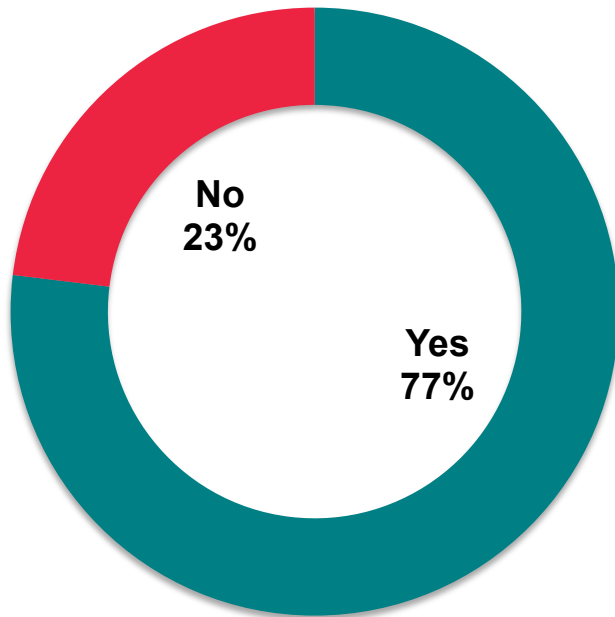


- Very good results compared to evaluations of other large-scale development agencies

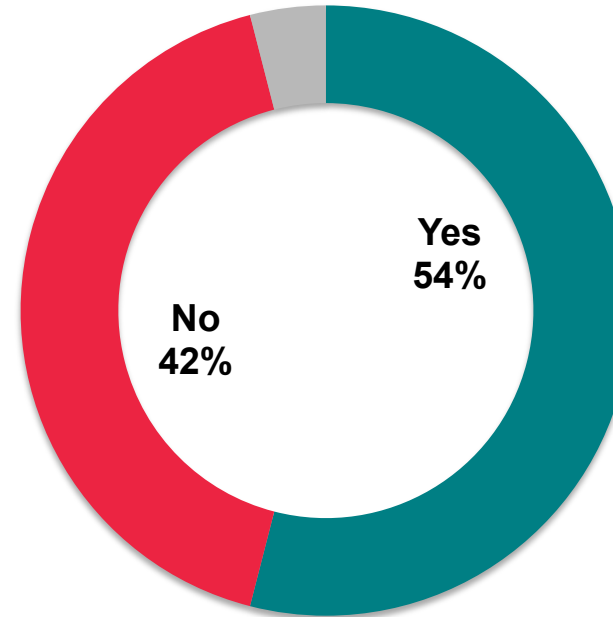


- **Quantification of actual amounts not possible without detailed field study.**
- But results support the assumption that **additional amounts of GHG emissions could be avoided** and further **unsustainable energy sources were replaced.**

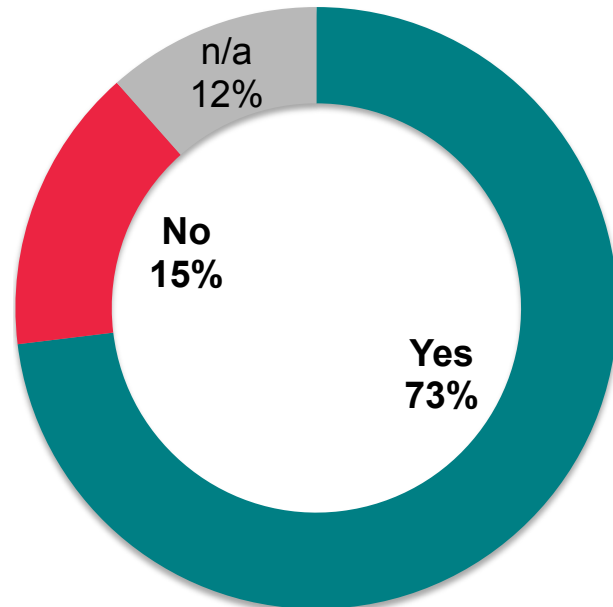
Replication in project area



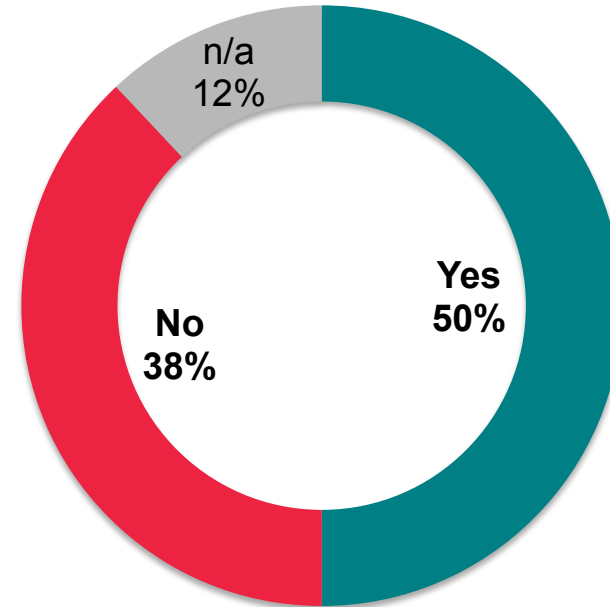
Replication outside project area

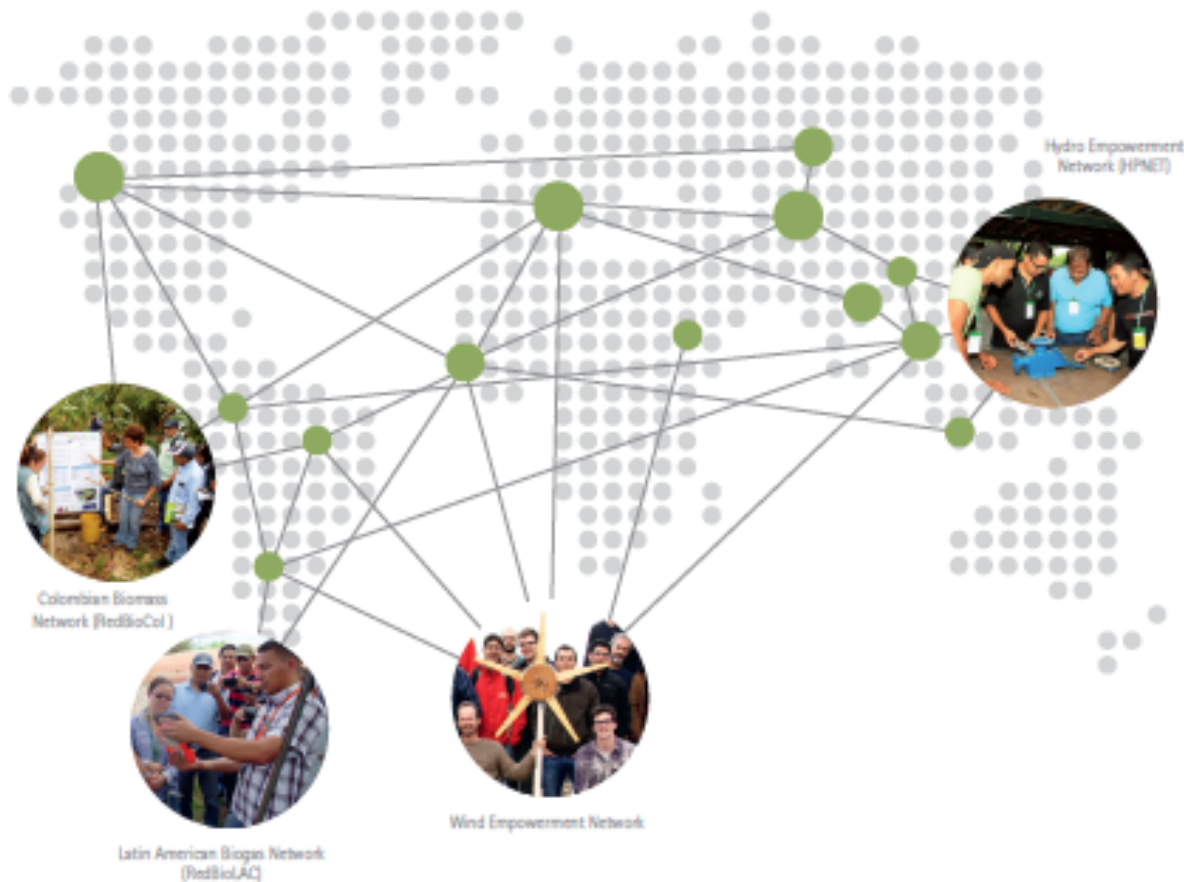


Increased Awareness



Supported development of institutional frameworks & policies





- **Networks enable knowledge exchange**
- Networks can give practitioners a voice in the energy (access) debate
- Networks can **support the dissemination of sustainable energy technologies**

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- Decentralised and small-scale energy solutions are often **implemented and promoted by non-state actors**
- **Decentralized and small-scale solutions play an important role** to avoid carbon-intensive development pathways
- They can help to **pave the way for renewable energy development** in developing countries
- **Quantification** of their environmental benefits **remains difficult**
- **Networks can help to give practitioners a voice** in the energy discussion

Thank you very much for your attention !



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