

Literature Review

- Purpose
- Content
- Focus
- Categories
- Expected results
- Conclusion

Purpose

- The literature review feeds the development of the Preliminary Assessment Framework
- The literature review provides an overview of available methods for analysing development, poverty and energy linkages and of results in this area.

Content_{1/2}

The review studies material that

- Theoretically describes the linkages between energy and development
- Empirically proves linkages between energy and development
- Analyses if (and how) energy interventions positively impacts development...

Content_{2/2}

- Measures the impact of energy interventions on poverty alleviation
- Analyses how to scale up successful energy interventions
- Analyses how to get the attention of policymakers, financiers and other stakeholders to put time and money into energy

Focus_{1/4}

- Quantitative and qualitative impacts of energy interventions on poverty alleviation and development.
- Working primarily within the discipline of economics, supplemented by sociology and political science

Focus_{2/4}

- Material from scientific journals and research institutions as well as material from international organisations dealing with energy and development.
- Perspective: Macro-, meso- and micro-level, however the empirical analysis focuses on small- and medium scale enterprises, bringing the focus on the micro-level to the forefront.

Focus_{3/4}

- Technology neutral, however the emphasis on small scale/micro enterprises automatically narrows the technology choice (excludes for instance large power plants, nuclear power, large dams).
- Not geographically limited. Relevant case studies or analysis from other countries than the 6 involved – and other regions than SSA -included when relevant.

Focus_{4/4}

- The literature specifically reviewed is published between 1995 and 2005. This does not exclude that older methods and approaches are included in so far as they still carry relevance and/or validity for the current analysis

Categories_{1/5}

- The initial search identifies the following broad categories in the area of energy and development (perspective of economics):

Categories_{2/5}

- Statistics/data show
- Case studies
- Country studies

Categories_{3/5}

- Approach
- Measure of energy poverty
- Impact on poverty alleviation and development
- MDGs

Categories_{4/5}

- Planning
- Policy
- Barriers
- Markets
- Marketing
- Financing
- Consumption
- ESCOs

Categories_{5/5}

- Other Sectors - Multisector (Agriculture, Health, Water, Education etc.)
- Environmental dimension
- Technical
- Modelling
- Efficiency

Expected results₁

- The review focuses the analysis in the project
- Identifies widely covered areas within existing research
- Identifies gaps to be filled by future research – the DEA project

Expected results₂

- A solid background research for development of the Preliminary Assessment Framework

Stipulations so far

- There are linkages between energy and poverty alleviation/development
- There are examples of successful small scale energy interventions
- The methodology assessing the impacts and replication is not widely developed

Conclusion

- The DEA project is timely and relevant