

PRE-LEAP-RE: SU Brownbag

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PRE-LEAP-RE

PREparing for a Long-Term Joint EU-AU Research and Innovation Partnership on Renewable Energy





PRE-LEAP-RE

The project



PRE-LEAP-RE is a 14 month project during which contributes to the improvement of existing African-European programmes in the field of renewable energy

Programmes such as the Africa-EU Energy Partnership, the EU Energy Initiative, the Africa Renewable Energy Initiative and the EU-Africa Research and Innovation Partnership

PRE-LEAP-RE and will create synergies with them.

Led by CEA, it gathers 17 partners across Africa and Europe jointly committed to strengthening the overall framework for cooperation in the field of science, technology and innovation (STI).



PRE-LEAP-RE

Project participants

17 partners from 14 countries across Africa and Europe



FRANCE

THE NETHERLANDS

FINLAND

UNITED KINGDOM

BELGIUM

GERMANY

ITALY

GREECE

KENYA

SOUTH AFRICA

ALGERIA

BURKINA FASO

RWANDA

SENEGAL



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Main objective

Identify and formulate a strategic Joint Research and Innovation (R&I) Programme for RE technology and establish the organizational principles for the implementation of a joint programme by bringing together national funding agencies of EU and AU member states and other key EU-AU actors involved in renewable energy research, innovation, education and deployment.



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LEAP-RE

Long-Term Joint EU-AU Research and
Innovation Partnership on Renewable Energy



Main activities

-  **Analyse** and mapping past and current initiatives, opening synergies with ongoing activities in order to identify research and capacity needs.
-  **Define** a research and innovation agenda implemented through a human and institutional capacity building agenda. Both agenda will be context-driven and with effective links between education, research, and innovation – the three sides of the ‘knowledge triangle’.
-  **Boost** the initiative towards an AU-EU Platform on RE, activating policy makers, public institutions, academia, private sector and civil society. Working together must build a long-term collaboration and effective innovation in RE by securing the engagement of national key stakeholders.

WP1: Approach and Methodology

METHOD:

- **Data:**
 - Key past and active initiatives, stakeholders and networks
 - Formulate some *gaps & opportunities* areas for PRE-LEAP-RE research or capacity building strategies when compared with accepted state of the art
 - Identify initiatives by key stakeholders to *engage new cooperation partners* in the PRE-LEAP-RE stakeholder group and future EJP and to develop effective synergies
- **Source:** Grey literature by *international reference organisations* (IEA, World Bank, AEEP, IRENA...), *scientific literature* and participant experience
- **Collection:** A conceptual framework based on *specific categories* inspired by the mentioned international reference was developed by PRE-LEAP-RE consortium
- **Output:** Data are aggregated using two tools: a *General Matrix* of initiatives and categories and a list of *project specific Record Cards* (hyperlinked and connected)
- **Analysis:** Meta-analysis of the data collected to highlight *general and recurrent trends* as well as eventual missing elements to drive the PRE-LEAP-RE next steps



Outcome WP1

- **Potential synergies** as link to future PRE-LEAP-RE work and input to WP3
- **Multidisciplinary Frame for Research and Capacity Building Agenda** as link to future PRE-LEAP-RE work and input to WP2

Building a research and innovation agenda

Recommendations from WP1 will be used as the basis for developing a mutually beneficial AU-EU research and innovation agenda for the field

Building a human & institutional building agenda

Recommendations from WP1 will be used as the basis for developing an AU-EU capacity building agenda

Building synergies

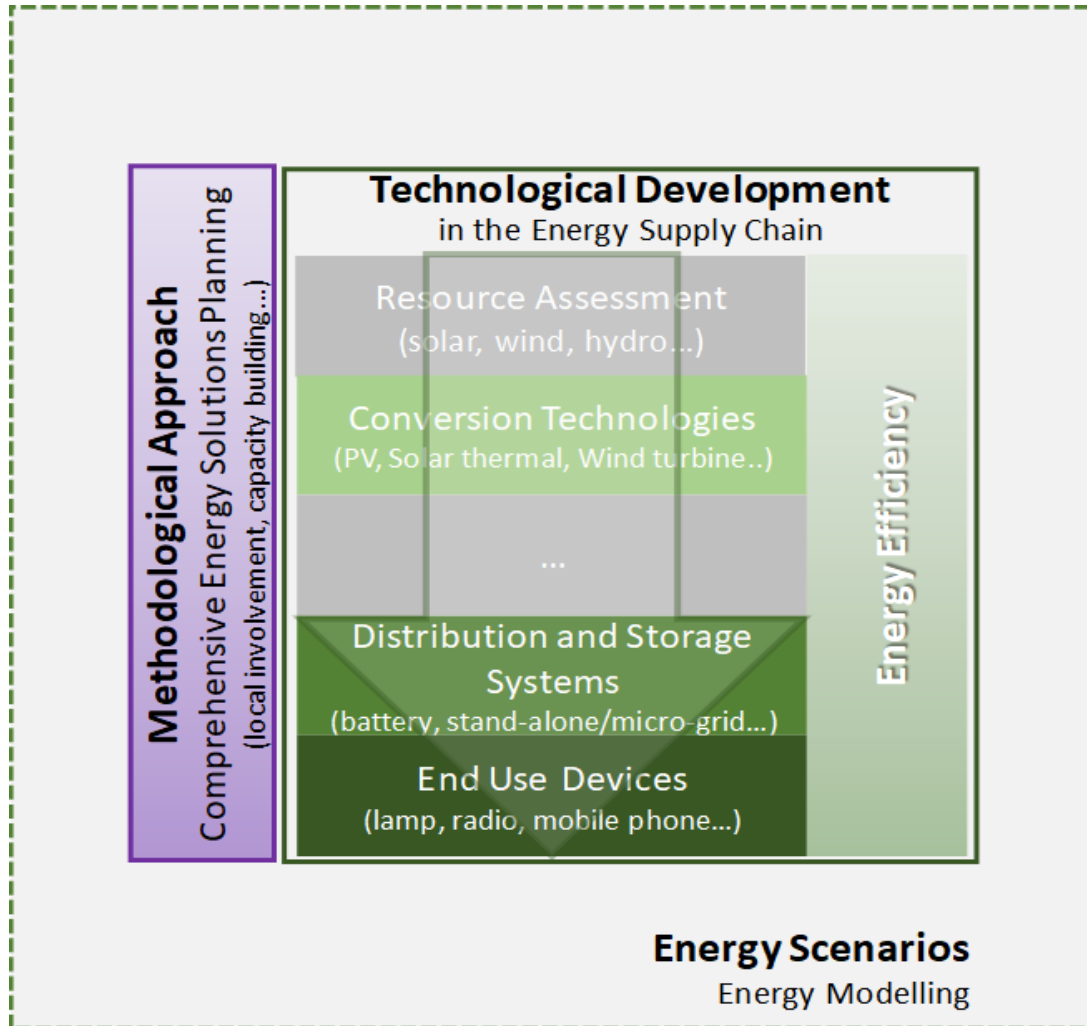
Programmes and actors identified by WP1 will be engaged to pursue joint action and synergy building

Outcome of WP1 – Multidisciplinary Approach

Potential Inputs for WP2



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Seeds of the **PRE-LEAP-RE Multidisciplinary Frame for Research and Capacity Building Agenda**:

- 1) The **Technological Development** needs to be deepened along all the phases of the energy supply chain, keeping a constant eye on energy efficiency as a cross cutting issue along it.
- 2) Technological development cannot walk alone and concurrently a **Methodological Approach** needs to be developed in both research and capacity building mostly to guarantee long term sustainability of energy technologies and solutions.
- 3) A renewed attention to **Energy Scenarios & Policy** is mandatory to understand the context where technologies and energy solutions will be developed to avoid lock in solution or unforeseeable side effects.



Thank you!

Get in touch for more information!



All of the public reports produced in the project will be available for download on the [PRE-LEAP-RE website](#)



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