



LEAP-RE

Long Term European - African Research and Innovation Partnership in Renewable Energy

LEAP-RE a core contributor to SDG7, and a key contributor to



Prof. Mokhtar SELLAMI

National Council for Scientific Research and Technologies,
Algeria

Email: m.sellami@cnrst.dz, Whatsapp: +213661580024



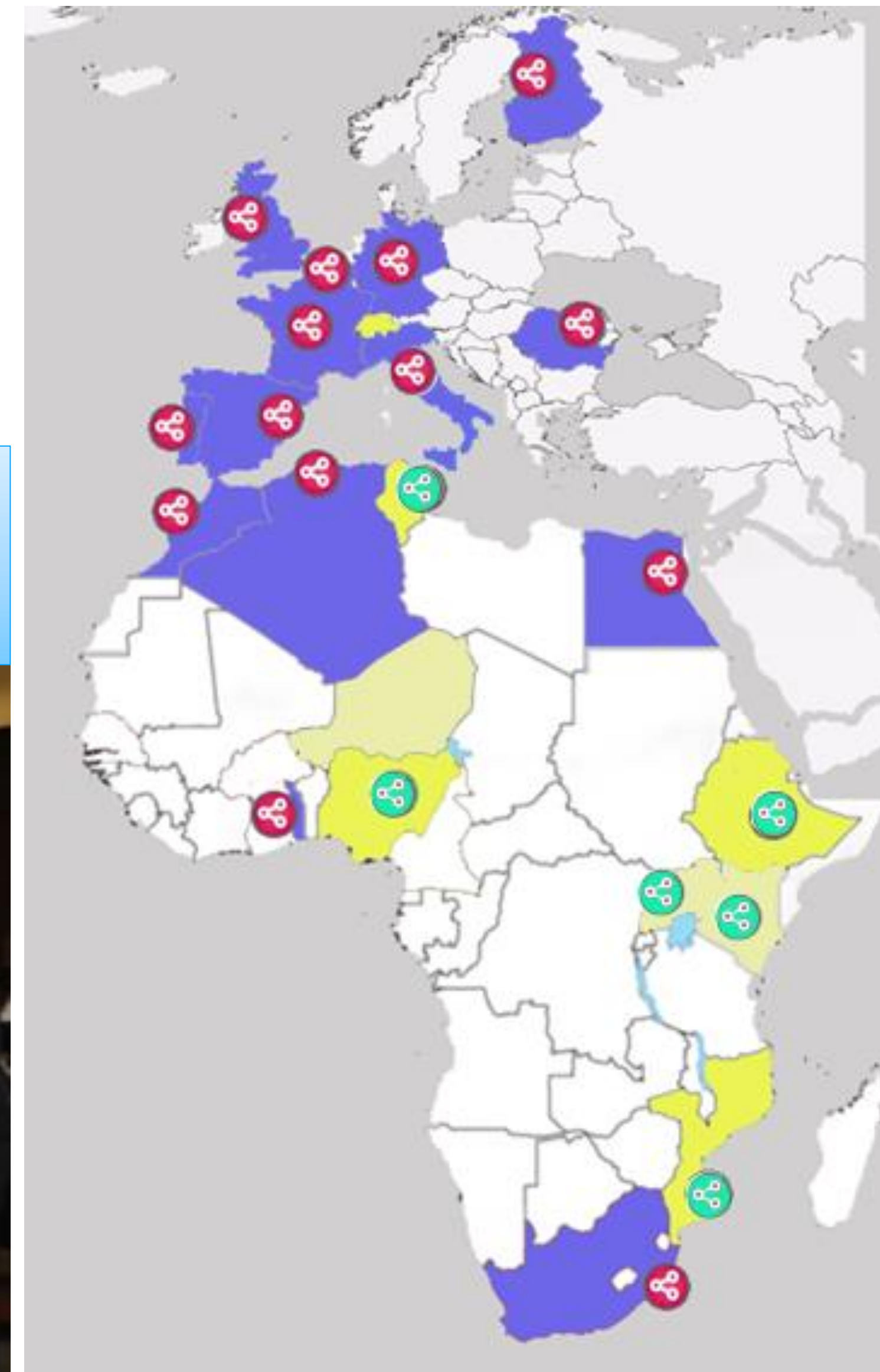
AU-EU partnership in renewable energy ..



Countries involved: 39
Number of partners: 83 (A39,E45)
Number of teams: 146
Budget: M€ 33,7 (EC M€ 15),
Preproposals: 247 projects,
IRP /funders: 23 projects (+8P2)



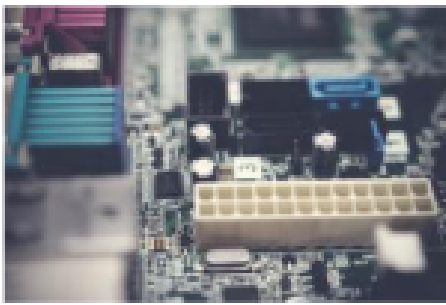
Countries partners (**Africa** not funding): Madagascar, Mozambique, Botswana, Zambia, Tanzania, Rwanda, Kenya, Uganda, Ethiopia, Djibouti, Cameroon, Nigeria, Senegal, Burkina,
Europe: Slovenia, Norway



Multi-annual roadmaps / Research priorities / Goals



Evaluation of priority joint research and innovation actions for **next step development of renewable energy systems**



End-of-life and second-life management and environmental impacts of renewable energy components



Smart **stand-alone systems** to ease the access to energy in all its forms



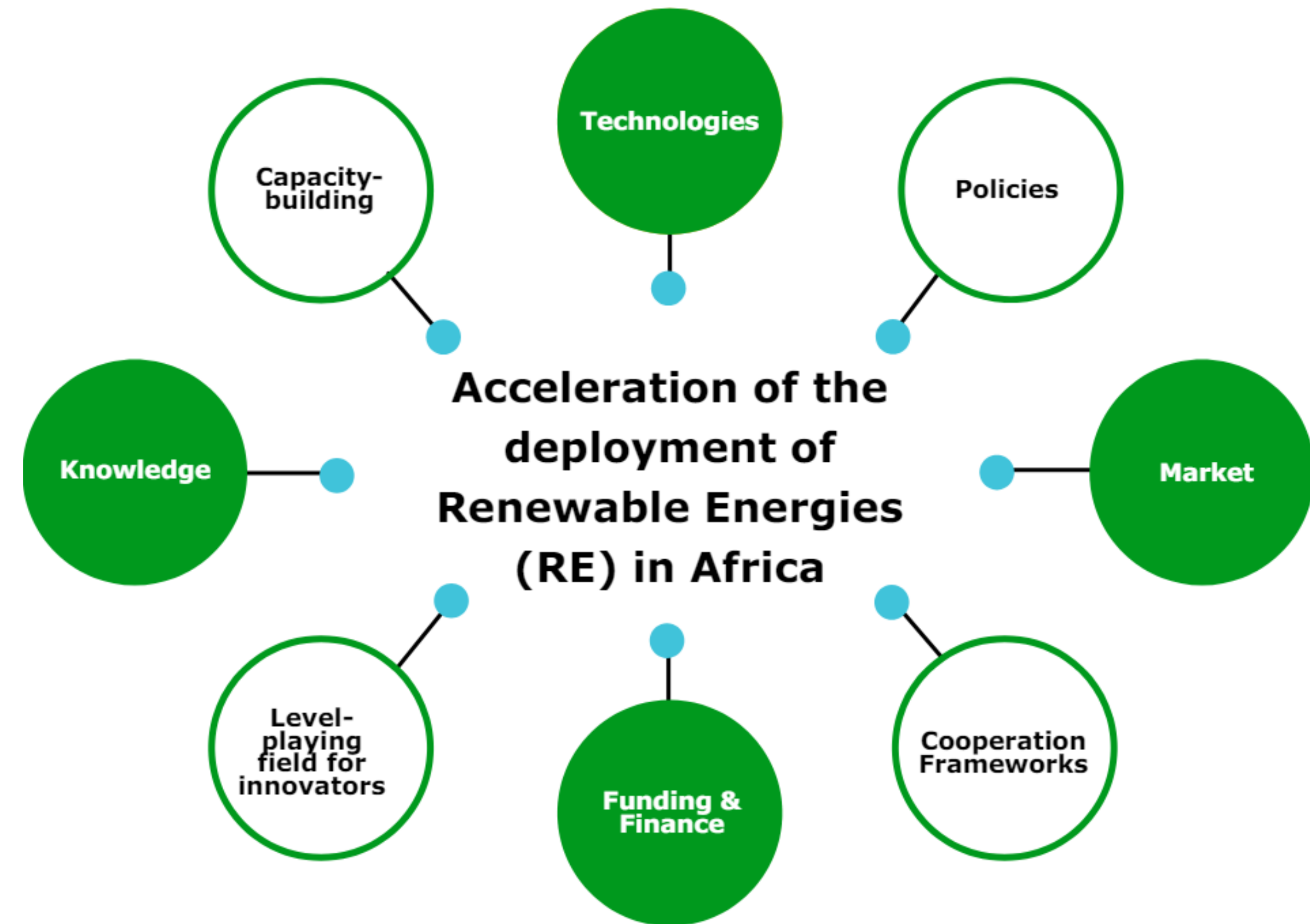
Smart grid (different scale) for **off-grid application solutions** capable of integrating a diverse mix of Renewable Energy Sources for supply to small and medium-sized communities



Processes and appliances for productive uses to prioritize **boosting small-scale farmers' productivity** and incomes in the agricultural production stage and creating off-farm employment in expanding segments of food supply and value chains



Innovative solutions for priority **domestic uses** (clean cooking and cold chain) to address challenges related to traditional cooking systems, and promoting sustainable biomass harvesting and collection



LEAP-RE Stakeholders



Research & Academia

- Engage in Calls
- Share your Renewable Energy knowledge and expertise
- Join a broad and long-term partnership in Renewable Energy



Finance & Funding

- Invest in Renewable Energy innovations
- Fund future international Renewable Energy research



Policy makers

- Benefit from synergies
- Co-create and shape future programs and policies
- Network with the Renewable Energy communities in Africa and Europe



Private sector, Innovators & Industry

- Use LEAP-RE research results
- Bring innovations and technologies to market

EU-funded consortia

- Clustering opportunities
- Matchmaking with international researchers



Citizens, Rural & Urban communities

- Network with a broad Renewable Energy community in Africa and Europe
- Exchange experiences with and learn from different Renewable Energy actors
- Express your interests and needs
- Find solutions to your challenges

Multi-annual roadmaps / Research priorities / Goals



LEAP-RE



* Upcoming in 2023-2024

1
Online community platform

<https://leap-re.app/>

2
Online promotion

<https://www.leap-re.eu>
Twitter | LinkedIn | YouTube

3
International events

LEAP-RE Stakeholder Forums

4
Thematic clusters

Discuss with peers in your area

5
Acceleration services

Turn research results into marketable products & services

6
Capacity-building

RESchools MOOCs & trainings

7
Project Management Office

Admin & Financial support & training

8
Impact assessment

Impact monitoring platform *

LEAP-RE service pack

9
Co-designing new projects

Funding watch + matchmaking *

10
Scientific outreach

Open access dissemination



Outcomes on the way.. / AU-EU Innovation Agenda



LEAP-RE

Lots of exciting news from our LEAP-RE project on innovative sustainable energy solutions for Africa ☐



The Department of Electrical & Electronic Engineering (E&E) at Stellenbosch University is working on an off-grid electric vehicle (EV) charging solution, funded as part of the LEAP-RE project with the Department of Science and Innr ...see more



SUNGARI : Evaluation of Temperature and Energy Requirements for Gari Processing at standard quality parameters in Togo - LEAP-RE

Community visit of LEAP-RE Geothermal Village program to Lake Abbe, Djibouti (source: Sant'Anna)



THANK YOU

CONTACT US FOR MORE INFORMATION



www.leap-re.eu



contact@leap-re.eu



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