

About us

SESA – Smart Energy Solutions for Africa is a collaborative project between the European Union and nine African countries (Ghana, Kenya, Malawi, Morocco, Namibia, Nigeria, Rwanda, South Africa and Tanzania) that aims at **providing energy access technologies and business models that are easily replicable and generate local opportunities for economic development and social cohesion in Africa.**

Mission

SESA's objective is to mitigate climate change and avoid lock-in situations while **improving access to sustainable energy under affordable and reliable conditions.**

Our aim is to achieve **a high level of replicability of actions.** The project will co-develop innovations with local partners and cooperate closely with sister projects to exploit synergies.

To achieve the project objectives, SESA deploys a **five-pillar conceptual approach** which represents different levels of progress towards achieving set objectives.

INFORM

Boost the accessibility of innovative, affordable and efficient renewable energy solutions in Africa.

INSPIRE

Facilitate exchange and partnerships between Europe and Africa on sustainable energy innovation.

INITIATE

Enable innovators in African urban and rural communities to leap to sustainable energy.

IMPLEMENT

Co-develop, innovate and replicate innovative energy solutions tailored to urban and rural contexts across Africa.

IMPACT

Foster long term partnerships and exchange on innovative sustainable energy solutions.



Living labs

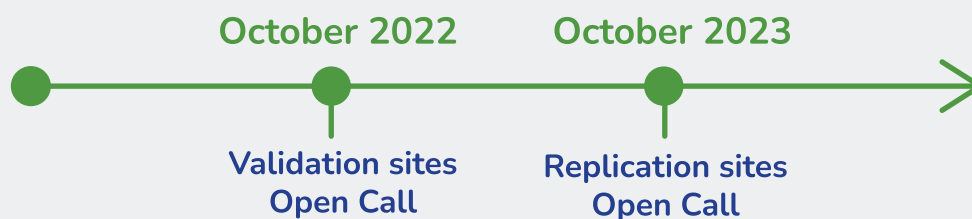
The Living labs will be where **innovations will be co-created** in cooperation between consortium members, innovators and local communities, and tested in urban and rural environments. To achieve SESA's objectives, living labs will be created in nine african cities and counties.



- **Co-development test sites - Western Kenya**
Kisumu (urban) & Homabay (rural) counties
- **Validation sites**
Ghana, Malawi, Morocco, Namibia and South Africa
- **Replication sites**
Namibia, Nigeria, Rwanda, Tanzania

Incubator programme

The start-up incubator programme will support the testing of local innovation, the establishment of partnerships as well as the development and testing of business models. Through the incubator programme, we will **connect customers with a community that offers cutting-edge innovation**, this ensuring that the results from the SESA project are anchored in the local communities and lead to local job creation and growth in the participating African countries.



Partners:

