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.

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

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

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

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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, 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.

- **October 2022**
  - Validation sites
  - Open Call

- **October 2023**
  - Replication sites
  - Open Call

Partners:

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