

renewAfrica Initiative

Advancing European commitment to Africa's clean energy access

renew Africa Initiative

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Advancing European commitment to Africa's clean energy access

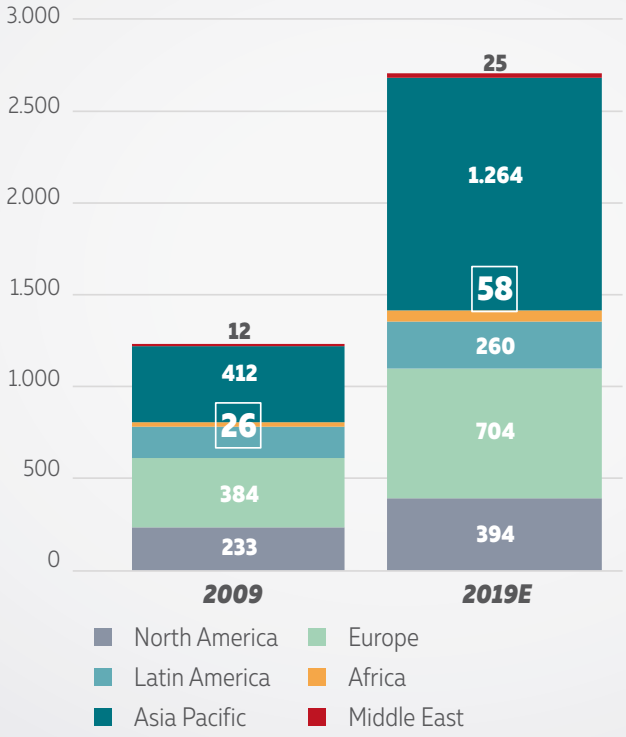
Africa's growth is asking for energy

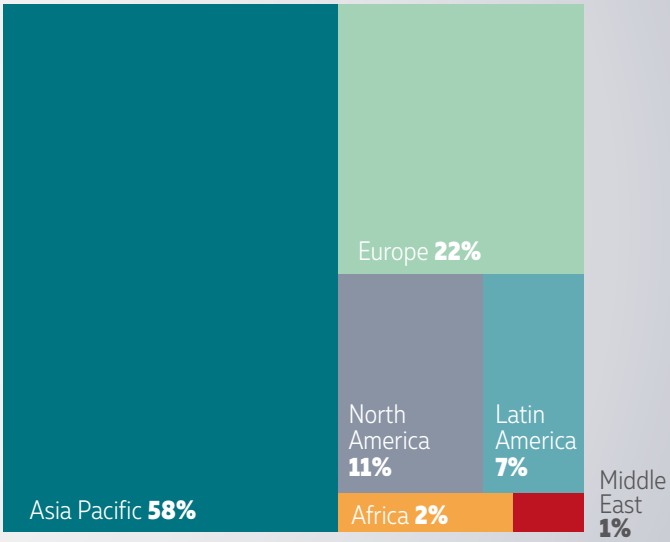


- Africa is the second most inhabited region globally, after Asia. It is the world's **fastest growing continent in demographic terms.**
- By 2030, **more than 50%** of the Africa's population **will be living in cities.**
- African **economic growth is projected to accelerate** to 4% and 4.1% in 2019 and 2020 respectively, **but it remains insufficient to address structural challenges.**
- Progress in **access to electricity** is expected throughout the world, but Sub-Saharan Africa lags behind.
- Driven in large part by demographic and urbanisation trends, **energy demand is expected to increase faster than anywhere else globally** (at 2.1% per annum).

Global RES capacity more than doubled over the past ten years, but Africa is lagging behind

Global Installed RES generation Capacity by Region - GW





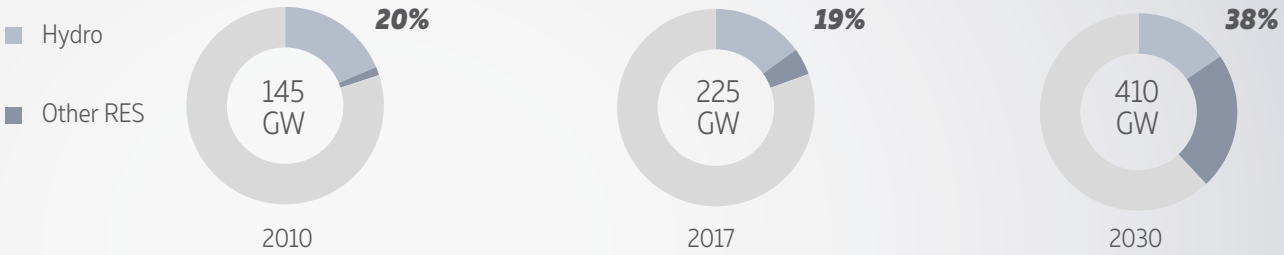
Δ 2010-19: + 1.476 GW

Out of the 1.5 TW installed *58% was in Asia Pacific, 7% in Latin America,* ***and only 2% in Africa****.*

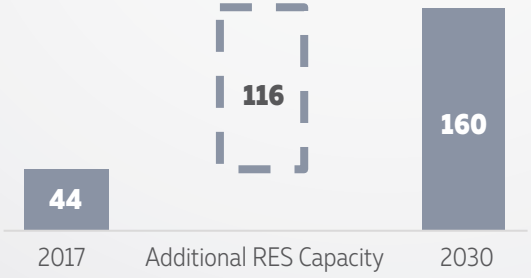
Source: IEA – WEO 2018, New Policies Scenario; United Nations – Population Division; EGP Analysis

Bridging Africa's energy access gap will require around €140 bn of investments in RES capacity

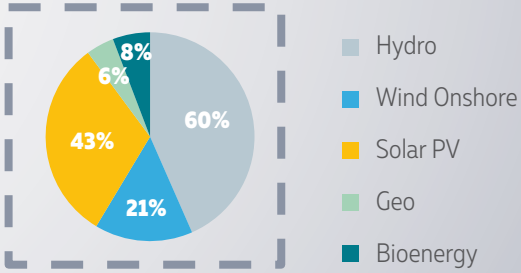
Projected growth of Africa's RES capacity



RES Installed In Africa (GW)



~140 bn€ to be invested in order to install ca. 120 GW of additional RES capacity in Africa

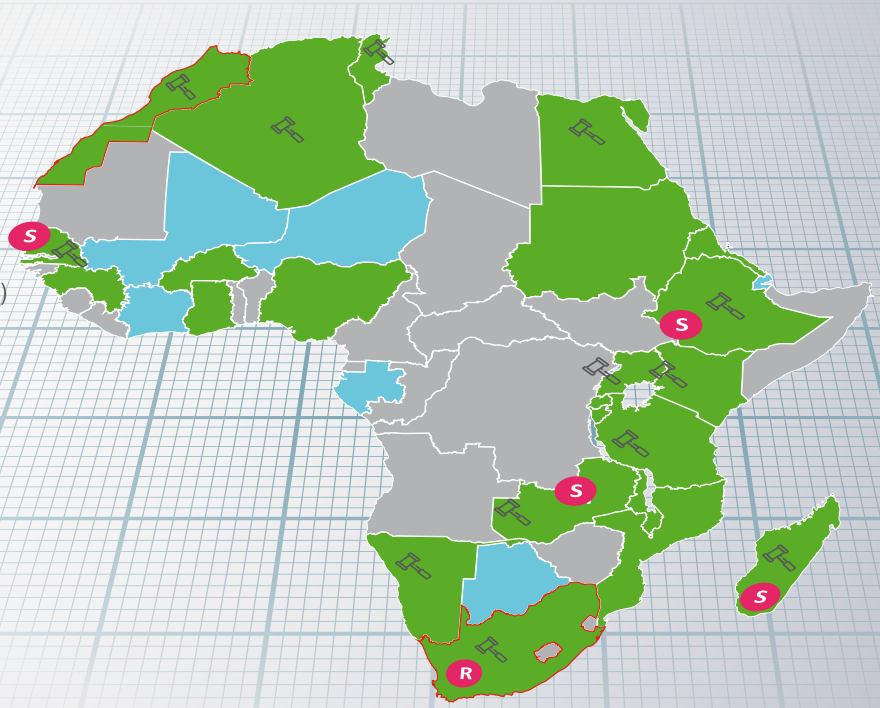


Source: IEA – WEO 2018, New Policies Scenario; United Nations – Population Division; EGP Analysis

Regulations and supporting schemes vary across African countries

SUPPORTING SCHEMES

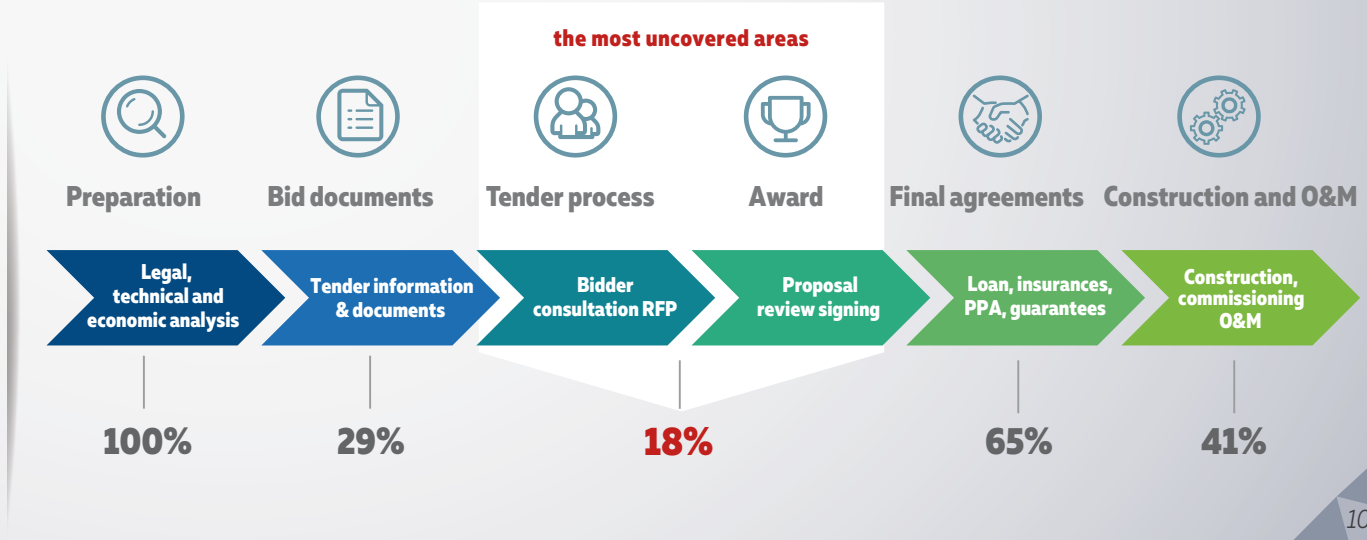
- C&I PPA market
- RES Target and support mechanisms (existing or announced)
- RES Target but NO support mechanisms
- S — Scaling Solar
- R — REIPPPP
- Auctions



The existing EU instruments in Africa do not cover all investment phases

A gap analysis was carried out to understand and map existing initiatives and support mechanisms, following the criteria:

- Type of support services offered (risk mitigation, technical assistance, capacity building)
- Support services for large-scale RE generation (above 50 MW)
- European instrument / European support
- Geographical coverage



So what is still missing to scale-up renewable energies in Africa?



Population growth



Urban concentration



Demand growth



Land availability



RES potential



Sustainable project development



An enabling regulatory framework

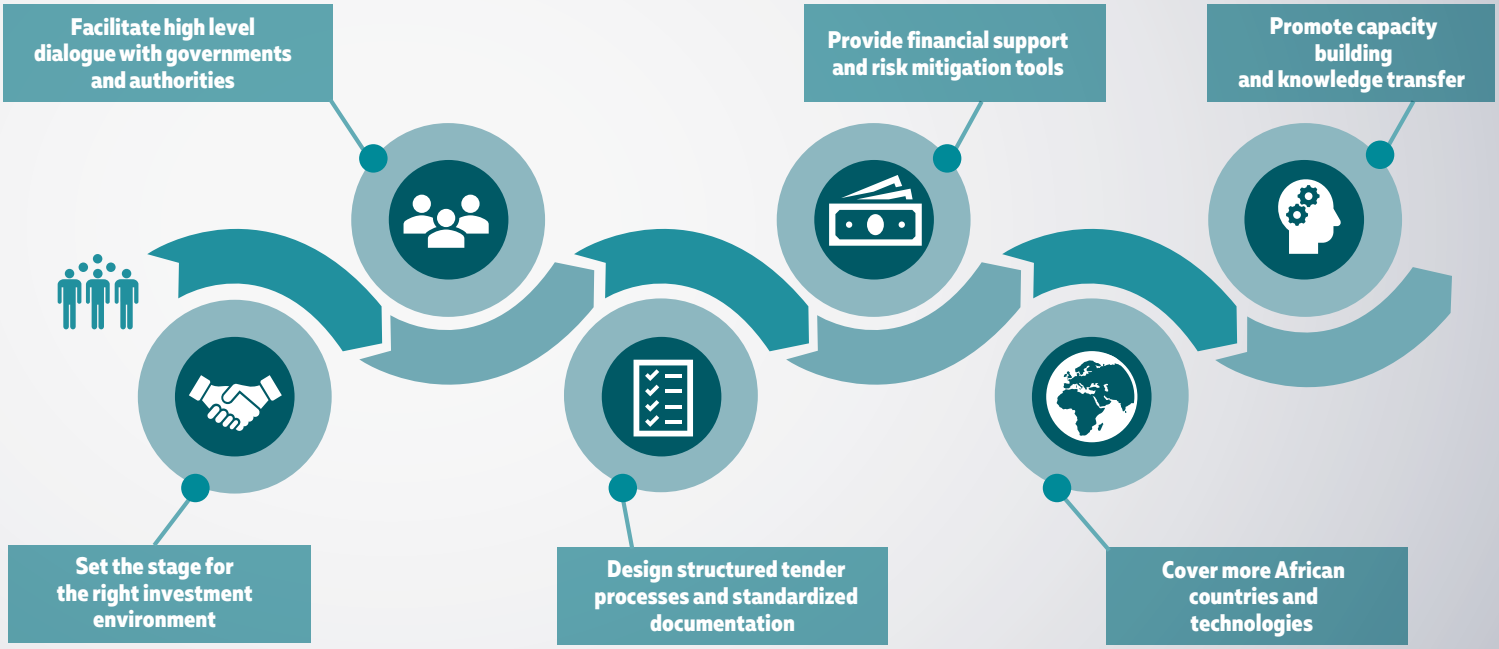


Adequate financing support



Adequate de-risking measures

We need a comprehensive approach to support EU RE investments in Africa



renewAfrica seeks to create an impactful EU Support Programme

renewAfrica goals

- **Be a gamechanger** in scaling up access to RE at a transformative scale across the African continent
- Propose the major features of a **Programme** to address all the identified market gaps and **build on best practices**
- Create a comprehensive **one-stop-shop EU Programme** for RE support

Signatories include key actors from industry, finance and academia

Finance

cdp

European Investment Bank

FMO

INTESA SANPAOLO

Norfund

Think tanks and consulting firms

pwc

PÖYRY

DNV·GL

SDA Bocconi School of Management

Independent Power Producers

enel Green Power

edp renewables powered by nature

Industry associations

SolarPower Europe

Wind EUROPE

GWEC Global Wind Energy Council

Manufacturers

SIEMENS Gamesa RENEWABLE ENERGY

NORDEX We've got the power.

SMA

ENERCON ENERGIE FÜR DIE WELT

Vestas

Nordic Energy Research

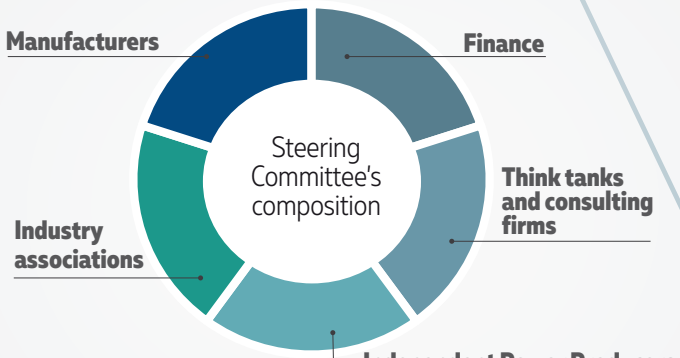
GE Renewable Energy

Prysmian Group

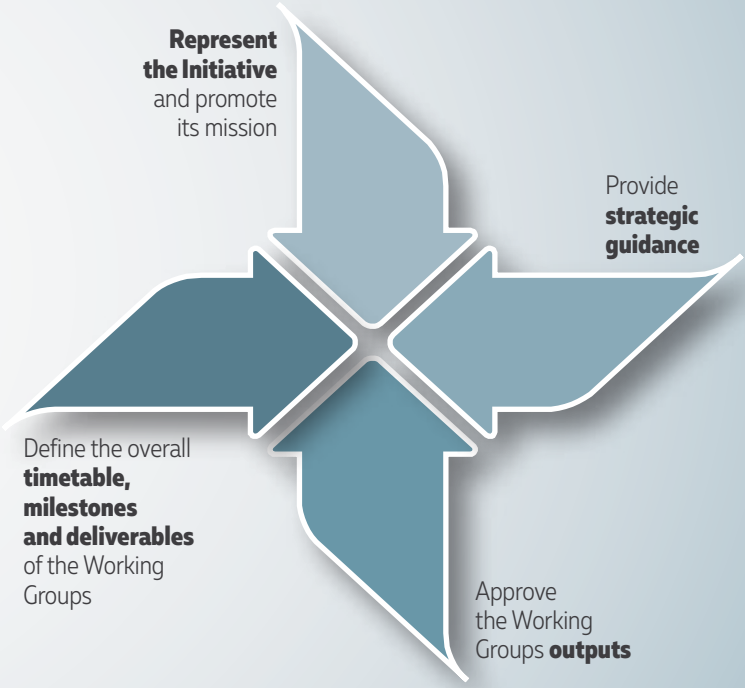
Soltec

The renewAfrica Steering Committee members cover each segment of the value chain

Members of the Steering Committee



cdp · pwc · SolarPower Europe · INTESA SANPAOLO · PÖYRY · Wind EUROPE · European Investment Bank · enel · SIEMENS Gamesa · FMO · renewables · Vestas



6 Working Groups are elaborating the Programme



WG1 - Governance

Final governance structure to be adopted by renewAfrica after November 2019

WG2 – Advocacy and positioning

Advocacy strategy to increase endorsement and to position the Programme

WG3 – Capacity building

Structured knowledge-transfer to support local institutions, strengthen their skills and create an adequate framework

WG4 – RE promotion and Policy dialogue

Policy recommendations for a successful RES deployment in African countries

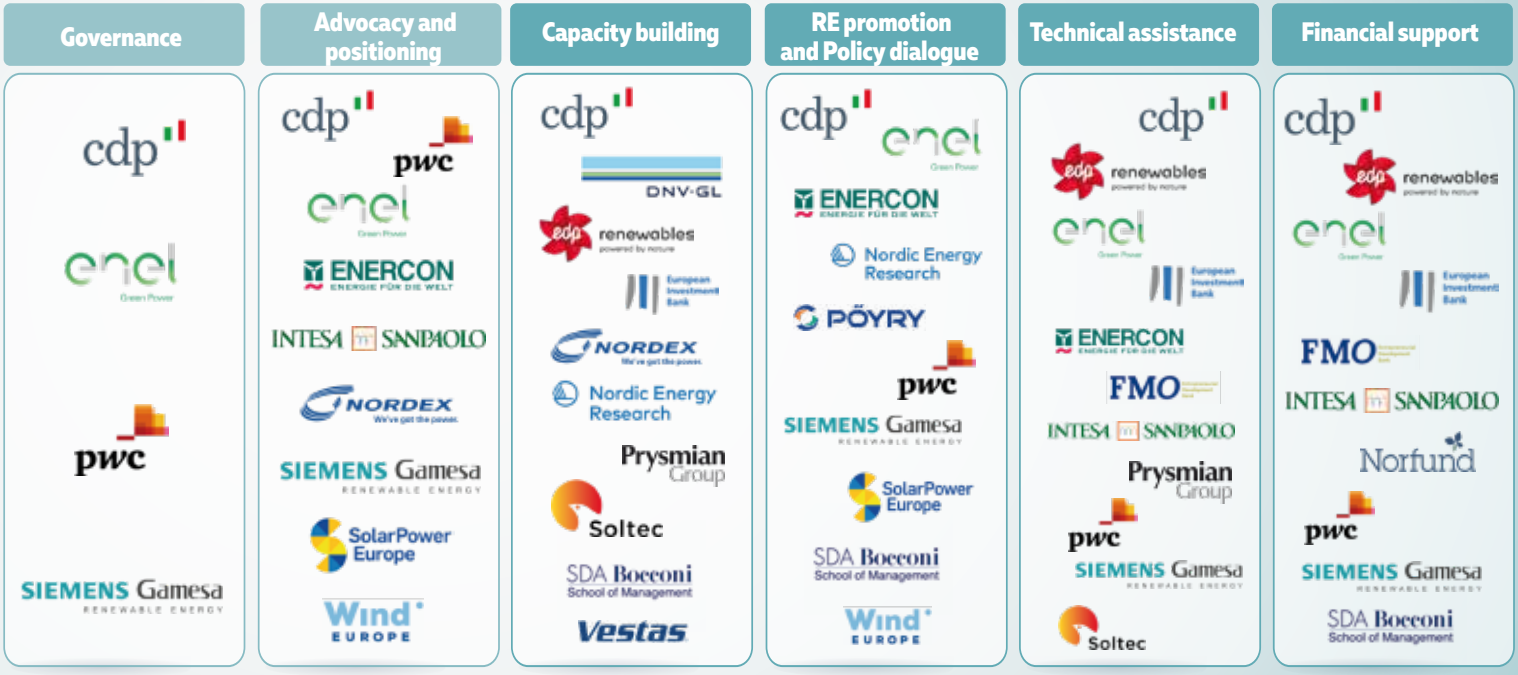
WG5 – Technical assistance

Wide set of supporting activities across the whole project cycle

WG6 – Financial support

Financial instruments to support RE deployment in African countries

Working Groups capitalize on the rich and diverse expertise of the renewAfrica signatories



The resulting Programme will be an enabler and a de-risking instrument...



It will combine the best diverse features of the existing instruments to form a **stronger, more complete platform to enhance the development of large scale RE projects in Africa**

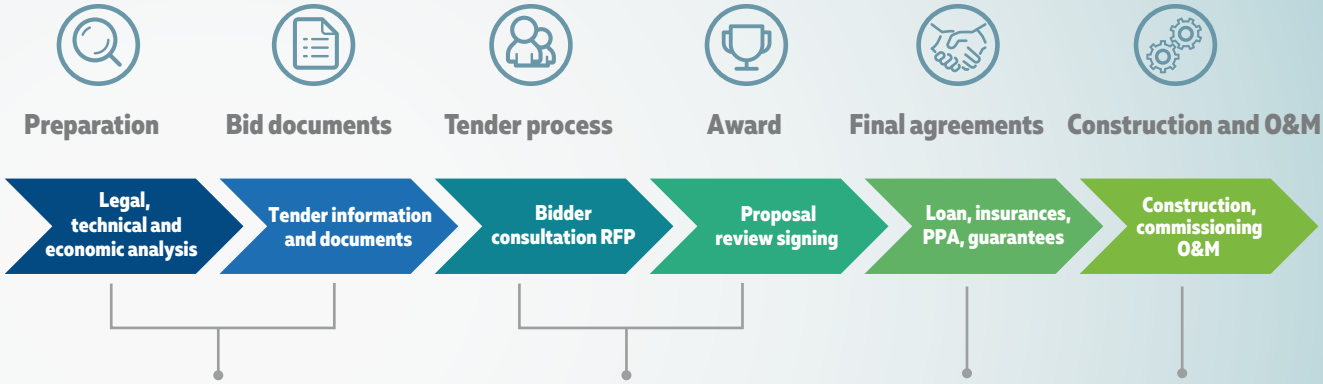


It will be based on a holistic approach and **set the stage for the adequate investment environment**, covering all the investments phases and providing technical assistance / capacity building support to all stakeholders involved, complemented by dedicated financial support mechanisms

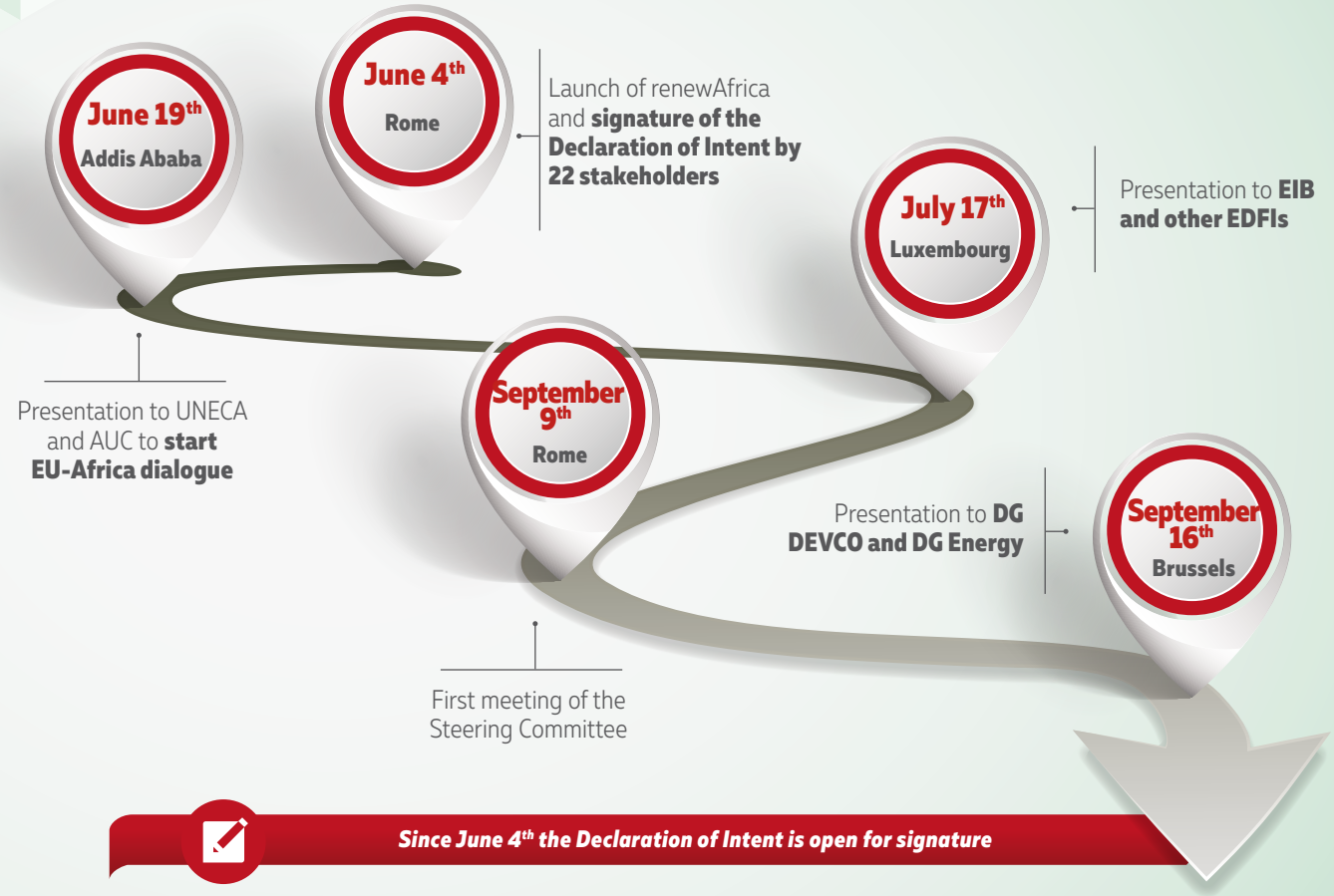


It will leverage the existing best practices and attract **the most relevant risk mitigation instruments from the market** to provide insurances or guarantees to ensure bankable projects

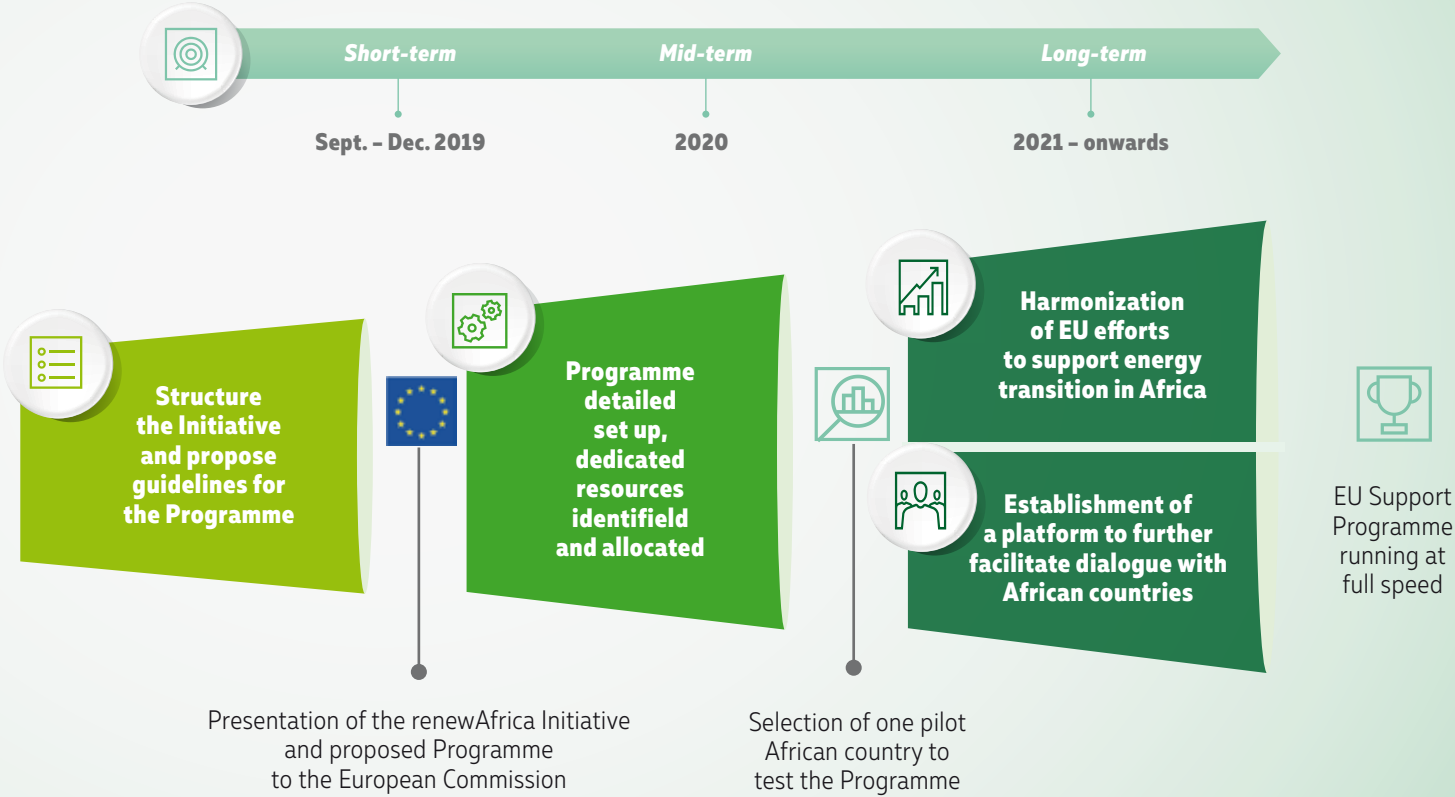
... covering all the investment phases



renewAfrica has gained momentum



renewAfrica roadmap in order to run at full speed in 2021



RES4Africa Foundation supports the creation of an enabling environment for RE Investments in African countries

RES4AFRICA
RENEWABLE ENERGY SOLUTIONS FOR AFRICA
FOUNDATION

A unique and precise Mission: create an enabling environment for RES investments in Africa

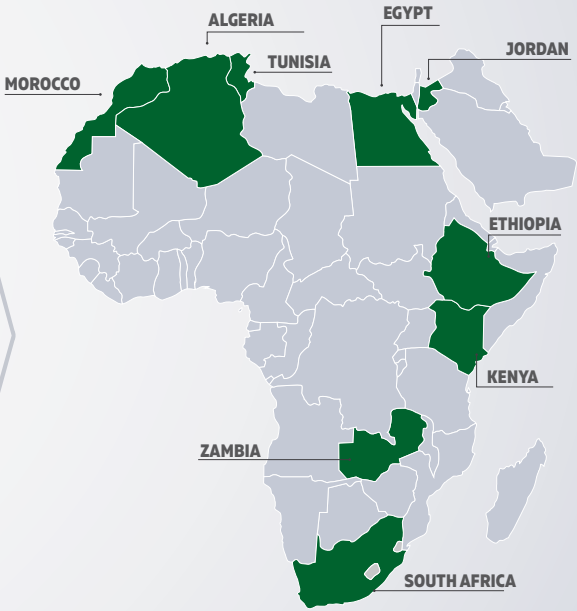
What we have done since 2012

Dedicated studies and market intelligence
to provide an updated picture of the current renewable energy market context and specific analysis of the most crucial aspects for unlocking RES investments in a country

Dialogue and strategic partnerships
to connect stakeholders within strategic cooperation initiatives to achieve project results, access financing, and influence policy and regulatory dialogue

Capacity building, training and innovation activities
to create awareness about RE opportunities and support local institutions with a knowledge transfer approach

Where RES4Africa Foundation is



renewAfrica is one of the five strategic initiatives promoted by RES4Africa

RES4Africa Foundation

Market readiness



Benchmarking progress in achieving policy and regulatory reforms able to attract investments for the integration at scale of RE

Water-Energy-Food Nexus



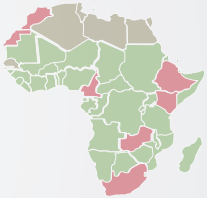
The Nexus reveals business cases that reimagine energy connecting with water and food to respond to energy access and development needs

renewAfrica



An industry-driven initiative promoting the creation of a comprehensive EU supporting Programme for an impactful RE development in Africa

Expanding capacity building programs



Strengthen its capacity building efforts for public sector decision makers on state of the art policies and regulations in the energy sector

Institutional positioning



Strong institutional positioning in a larger ecosystem at international and regional level through specific and concrete alliances





Contact

RES4Africa Foundation
Renewable Energy Solutions for Africa
www.res4africa.org
secretariat.renewafrica@res4africa.org

Via Ticino, 14
00198 Rome Italy