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# **Sustainable Energy for All in Africa – Status report and lessons learned**

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ENERGY, ENVIRONMENT & CLIMATE CHANGE DEPARTEMENT

# SEforALL, SDG 7 & New Deal

**February 2011**

The UN General Assembly designated the year 2012 as **the International Year of Sustainable Energy for All**

**September 2011**

UN Secretary-General Ban Ki-moon launched **Sustainable Energy for All** as a global initiative

**December 2012**

The UN General Assembly unanimously declared the decade 2014-2024 as the **Decade of Sustainable Energy for All**

**September 2015**

UN Member States adopted the **Sustainable Development Goals (SDG)** and post-2015 agenda

**2015/16**

The **New Deal on Energy for Africa** sets a 2025 energy access target for Africa

**Goal 7. Ensure access to affordable, reliable, sustainable and modern energy for all**

**7.1 By 2030, ensure universal access to affordable, reliable and modern energy services**

**7.2 By 2030, increase substantially the share of renewable energy in the global energy mix**

**7.3 By 2030, double the global rate of improvement in energy efficiency**



# The African response to SEforALL

## In 2012, the CEMA passed a resolution on SEforALL calling for:

1. The UN to declare 2014-2024 the decade of SE4All;
2. Encourage African Countries to be part of the initiative;
3. Request AUC, NPCA and AfDB to coordinate the implementation of the SEforALL initiative in Africa;
4. Request AUC, NPCA and UNDP to facilitate the development of guidelines for the development of Action Plans.



## As of 2017 :

1. The UN approved SDG7 and declared 2014-2024 the decade of SE4All;
2. Some 30 African Countries are involved in SEforALL activities;
3. African institutions joined forces in the SEforALL Africa Hub to coordinate and facilitate the implementation of SEforALL in Africa;
4. The Africa Hub developed templates and guidelines for the SEforALL country actions.

# The SEforALL Africa Hub



## Set-up

Hosted by the **African Development Bank** in partnership with the African Union Commission, the NEPAD Agency, UNDP and a rotating representation of the Regional Economic Communities. SADC Secretariat joined the Oversight Committee at the beginning of 2016.

## Mission

Coordinate and facilitate SEforALL implementation in Africa (CEMA Nov. 2012)

## Operating Principles

African ownership - “Light” structure - Results orientation



# The SEforALL Africa Hub

## Promotes

Stakeholder  
Engagement,  
Partnerships &  
Coordination

Integrated  
Planning &  
Resource  
Mobilization

Networking &  
Knowledge  
Management



## Linked with

The African  
Energy  
Leaders  
Group  
Secretariat

The Africa  
Climate  
Technology  
Center

## Provides Technical Assistance for

SEforAll  
Country  
Actions

Green  
Mini  
Grids

Technology  
Transfer

**“The most active Regional Hub is Africa [...] could serve as a model for the others”**

*(SE4All Strategic Framework for Results 2016-21)*



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# Africa Hub Activities



## Policy and Guidance

Designing the SEforALL country action process, mainstreaming a coordinated approach, providing a template and guidelines for the SEforALL Action Agenda and Investment Prospectus, for the consultative processes and promoting quality control.

## Technical Assistance

The Hub provides technical assistance to African countries and energy stakeholders to achieve SEforALL objectives related to energy access, energy efficiency and renewable energy sources. The Technical Assistance is mainly delivered through the GEF-funded African Climate Technology Center project.

## Knowledge Management

The Hub collects information on the implementation of the SE4All initiative in Africa and make it available on its website: [www.se4all-Africa.org](http://www.se4all-Africa.org)

## Workshops & Events

Organizes amongst other events the annual SE4All Africa workshop to assess progress in the implementation of the SE4All in Africa.



# Africa Hub Partnerships

## COUNTRIES

Direct involvement in the development of Energy strategy formulation and provision of TA in:

- Angola
- Botswana
- Cameroon
- DRC
- Ghana
- Kenya
- Malawi
- Nigeria
- Rwanda
- Tanzania
- Zambia
- Zimbabwe

Indirect Involvement in all ECOWAS Countries and in other African countries engaged in SE4All country action work

## AFRICA HUB ACTIVE PARTNERSHIPS



**AFRICAN UNION, NEPAD, UNDP**  
permanent members of the Hub's Oversight Committee

### REGIONAL ECONOMIC COMMUNITIES

Rotating members of the Hub

- ECOWAS 2013-2015
- SADC 2016- 2018

(Some of the) **PARTNERS** working directly with the Hub

- **UN/SE4All** – Global strategy
- **IRENA** – RE marketplace and AA
- **European Commission** – SE4All Implementation
- **World Bank** – monitoring methodologies
- **ECREEE** – Coordination in ECOWAS countries
- **Power Africa** – partnership on IP and AELG
- **Global Alliance on Clean Cookstoves** – on CCS programs
- **FAO** – Bioenergy training
- **EUEI-PDF/Africa EU Energy Partnership** – on mapping of energy initiatives
- **Clean Energy Solutions Centre** – on country actions
- **UN Foundation** – on the energy practitioners network
- **France** – provides a secondee to the Hub
- **DFID** – financing and collaboration on the green mini-grids programme



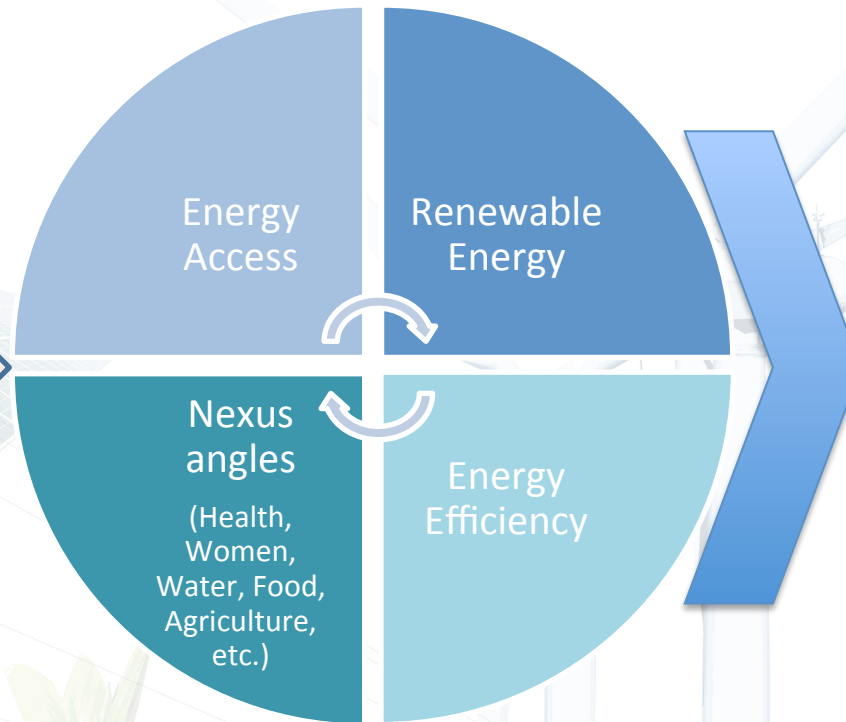
# The AA – a Holistic Approach

## National SEforALL Action Agenda

### Inclusive development *multi-stakeholder engagement*

- ✓ Government (inter-ministerial)
- ✓ Development partners
- ✓ Private sector
- ✓ Civil society
- ✓ Energy Producers
- ✓ Energy Consumers
- ✓ Other Energy Stakeholders

### Holistic long-term vision & Sector wide coherence



- ✓ Defining national 2030 objectives
- ✓ Outlining actions required to achieve objectives
- ✓ Providing a coordination platform for partners
- ✓ Providing confidence to potential investors
- ✓ Defining tracking and monitoring
- ✓ Establishing implementation structure



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# SE4ALL Action Agendas widely recognized as a tool to achieve the SDG7 objectives



“Encourage that the SE4All Action Agenda be formally recognized as an implementation tool for proposed SDG7 at national level”

*SE4All Energy Access Committee, May 2015*

“National AA and IP present a robust framework for accelerating the implementation of energy related goals and targets of the country”

*SE4All Advisory Board, May 2015*

“We welcome [...] the development of Action Agendas and Investment Prospectuses at country level”,

*Financing for Development Outcome Document, July 2015*

“Support the ongoing and future African voluntary country-led processes to develop SE4All Action Agendas with appropriate goals as an umbrella framework for energy sector development at the national level.”,

*G20 Action Plan on Energy Access in SSA, October 2015*

“We welcome the development of SE4All Action Agendas as umbrella energy sector development documents looking at access, renewables and energy efficiency in a holistic manner”,

*SAIREC declaration, October 2015*

# SE4All Country Action: Where do we stand in Africa ?

## Key steps for achieving SE4All objectives



**44** African countries joined the SE4All Initiative

RAGA developed in **38** African countries

AA – **20** Finalized and **9** Under Development

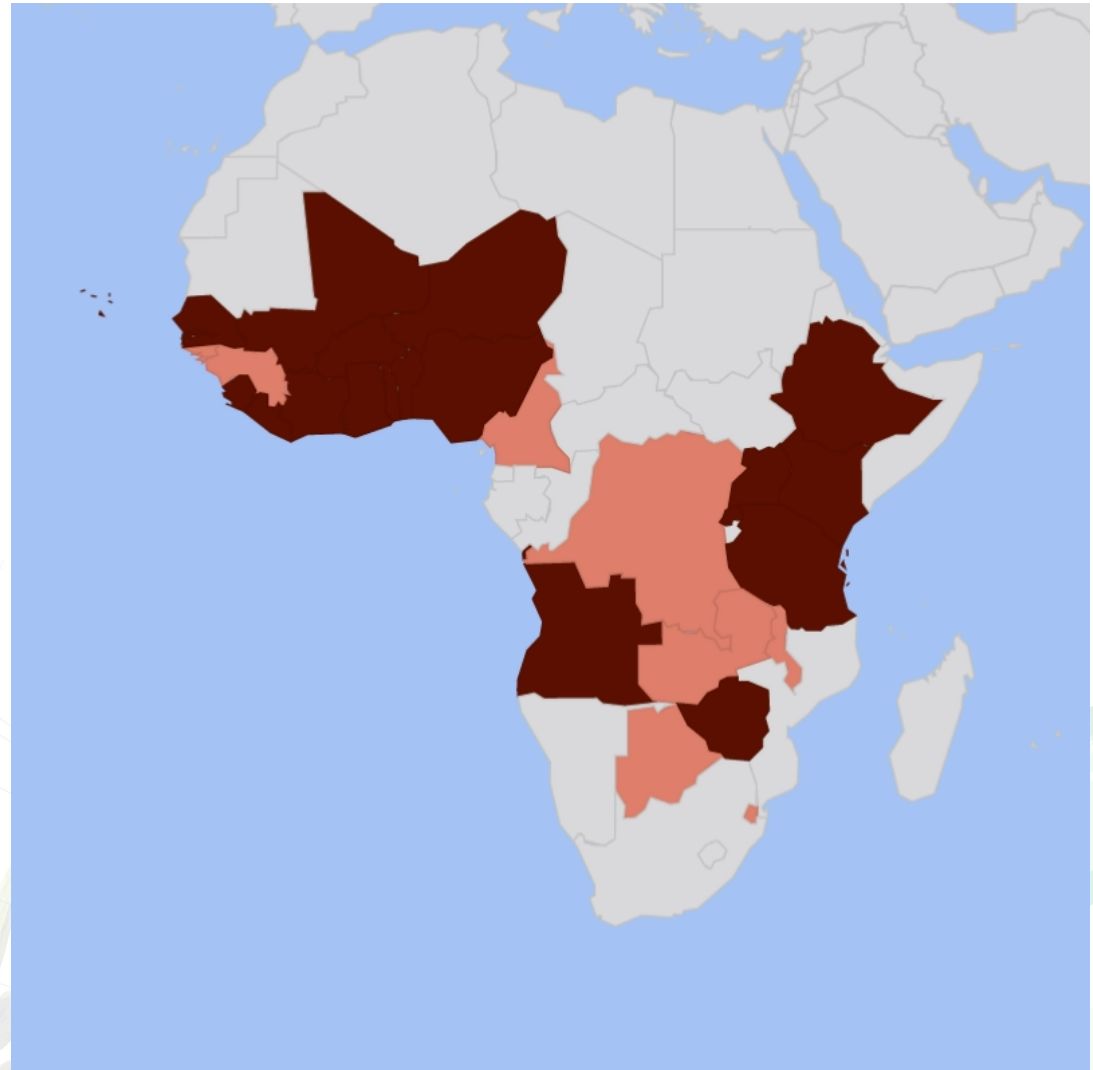
IP – **4** Finalized and **22** Under Development

Coordinate follow-up to assure the delivery of SE4All country actions in Africa

# Where do we stand in Africa?

Countries developing AAs – March 2017

SE4All Action Agendas  
are finalised in 20  
African Countries and  
in development in 9



AA process finalized/well advanced

AA process ongoing

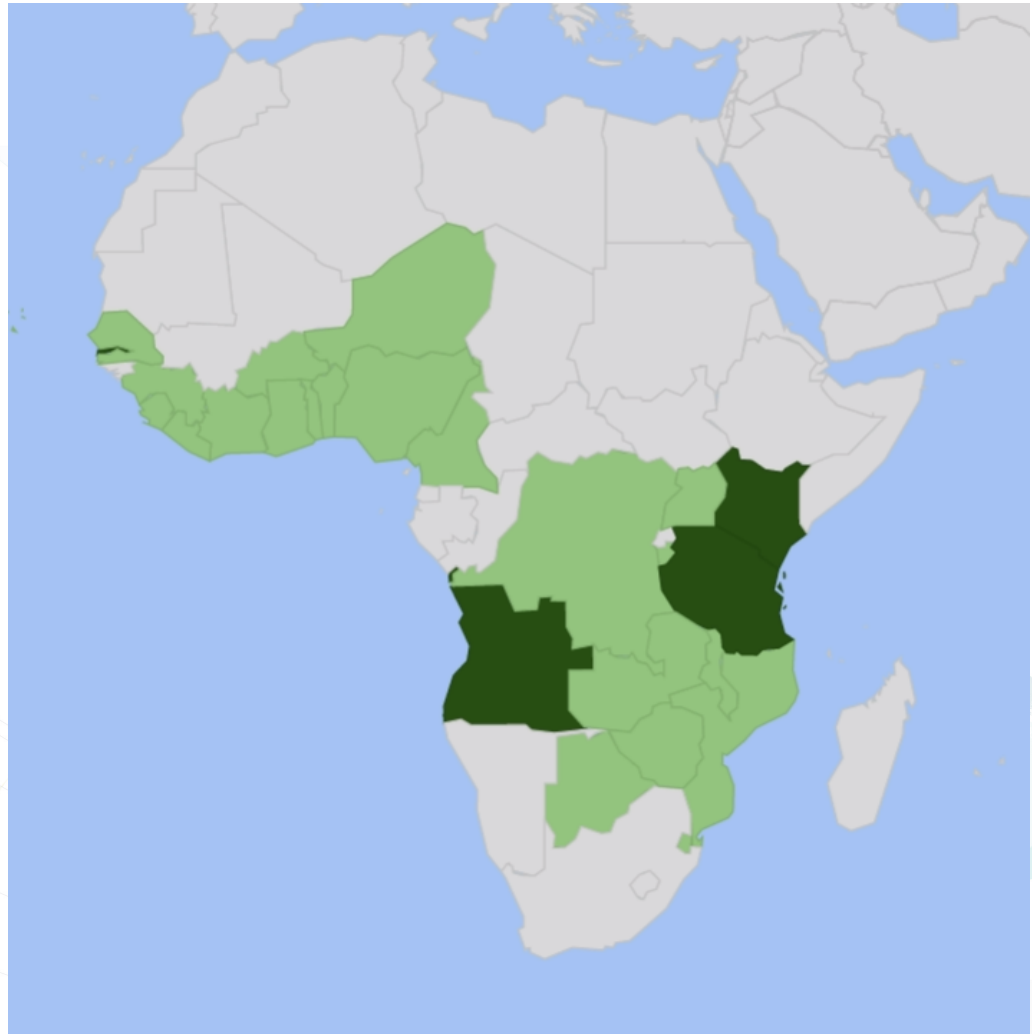
# Where do we stand in Africa?



Countries developing IPs – March 2017

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SE4All Investment  
Prospectuses are  
Finalized in four  
and under  
development in 20  
countries



-  IP process finalized
-  IP process starting/ongoing



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# Examples of AA targets

Kenya	2012	OBJ 2030
Access to Electricity	23%	100%
Access to Clean Cooking	16%	100%
Renewable Electricity Generation	75%	80%

Rwanda	2014	OBJ 2030
Access to Electricity	22%	100%
Access to Clean Cooking	2%	100%
Renewable Electricity Generation	43%	60%

Uganda	2014	OBJ 2030
Access to Electricity	26%	>98%
Access to Clean Cooking	2.6%	>99%
Renewable Electricity Generation	65.3%	>90%

All available Country Data can be seen at <http://www.se4all-africa.org/>



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## 1/ Concerted follow-up to AA/IPs:

- AA to be recognized as coordination and implementation tool for SDG 7 at national level
- Government to maintain consultation processes focused on medium-term strategic agenda with clear decision-making processes
- Promotion and networking including the facilitation of dedicated SEforALL investment fora and matchmaking making use of market places
- Political engagement/awareness raising/lobbying, recommending *inter alia* the engagement with development partners to use the AA/IP as guiding tool
- Mobilization of resources, including the facilitation of access to finance from available resources of partners – linking demand with supply



## 2/ Coordination & Institutionalization

- Establishment of country-level implementation/delivery units to drive process
- AA process provides a platform for coordination at country-level and guidance for partner engagement
- Donor discipline to keep new initiatives aligned with agreed priorities, and maintain focus on medium- to long-term strategic goals
- Regional coordination and leadership

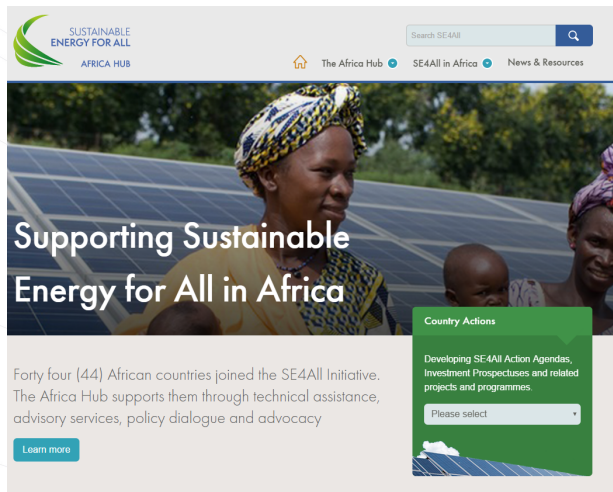
## 3/ Tracking and Monitoring

- Develop methodologies to track and measure progress towards SEforALL targets at country level
- Make the link between monitoring efforts on SEforALL at a country level and the Global SEforALL monitoring and tracking work (GTF, MTF)



# Additional Information

- The Hub launched in 2016 the **SEforALL Africa website:**  
<http://www.se4all-africa.org/>



Short description of the context

Country SE4All related news

SE4All targets

## Zambia

**At a glance**

In Zambia, access to electricity nationwide is about 22%, with a rate of 6% in rural areas. In spite of the abundance of domestic energy sources, hydropower and solar in particular, Zambia imports oil for thermal power generation.

As of 2010, over 37% of Zambia's commercial energy is supplied by imported petroleum. The balance is provided by hydropower, wood and coal. Woodfuel remains the dominant source of energy, accounting for over 80% of the total energy supplies in the country.

In recent years, the Government of Zambia has implemented several interventions, including promulgation of policies to improve the energy situation. Increasingly, the government has looked into its large indigenous, in particular hydropower, resources to generate power. Sustainable use of biomass and biotuels as well as geothermal and coal has also gotten some attention. Several new projects, including those with donor technical and financial support, are in pipeline or under implementation. A large number of these projects are based on hydropower. The government has also opened up its markets to several (power) generators in the form of independent Power Producers (IPPs) who sell electricity to ZESCO, the national utility.

A Rapid Assessment / Gap Analysis of the energy sector was produced in 2012 and will be updated in early 2016. Since December 2015, the country has embarked in the process of developing its national SE4All Action Agenda and Investment Prospectus with the technical assistance of the SE4All Africa Hub.

Stakeholders gathered for a Kick-off Workshop of the national SE4All country action process from May 4-6, 2016. This event marked the launch of the development of the SE4All Action Agenda and Investment Prospectus. The development process is expected to be finalized by mid-2016.

The SE4All Implementation is followed by a focal point in the Ministry of Energy and Water Development.

**Location**



**Country contacts**

Harriet Zulu  
SE4All focal point  
Department of Energy  
Ministry of Energy and Water Development

**News from Zambia**

Zambia: SE4All Country Action Process - Kick-off Workshop

SE4All Action Agenda Objectives	2030
Electricity Access, national	n.a.
Access to non-solid fuels, national	n.a.
Renewable Energy Capacity	n.a.
Renewable Energy Output	n.a.
Energy Efficiency	n.a.

Country Action Documents	Status
Rapid Assessment	Finalized
Action Agenda	Under development
Investment Prospectus	Under development

**Documents**

SE4All focal point contact

Documentation to download

Validation status & CLIMATE CHANGE DEPARTEMENT



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# Thank you!

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