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SE4All Country Action in Africa - State of advancement

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**3rd Annual Workshop on Advancing
SE4All Country Action in Africa**

Significant developments in 2015

February 2011

The United Nations 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.

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



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Significant developments in 2015

Launch of new initiatives focused on energy in Africa, including:

➤ G20 Energy Access Action Plan :

- G20 Energy Ministers adopted the Action Plan on Energy Access in Sub-Saharan Africa. SE4All and the Africa Hub will play a central role in coordinating its implementation.
- The Action Plan identifies a series of actions for collaboration of G20 countries with Sub-Saharan African countries under six sections addressing key barriers:
 - (1) strengthening of policy and regulatory environments;
 - (2) technology development and deployment;
 - (3) investment and finance;
 - (4) capacity building;
 - (5) regional integration; and
 - (6) coordination and collaboration.



Significant developments in 2015



➤ Launch of the African Energy Leaders Group (AELG):

- On June 2015 in Abidjan, Côte d'Ivoire's President Alassane Ouattara headed a top-level line-up of political and business leaders to launch the West African Energy Leaders Group (W-AELG)
- AELG advocates for energy sector development and intends to address regional energy sector issues
- AELG will support energy reforms and energy programs that contribute to the pursuit of SE4All objectives



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Significant developments in 2015

➤ The New Deal on Energy for Africa:

	On-grid generation	On-grid connections	Off-grid generation
Aspirations	<p>Supply 130 million households and many industries</p> <p>~162 GW</p>	<p>New grid connected households</p> <p>~130 M</p>	<p>New off-grid households</p> <p>~75 M</p>
Implications	<p>Setting up ~810 plants with a capacity of 200 MW (<i>nominal capacity of a typical plant</i>)</p>	<p>Replicating ~90 times Kenya's approach to connecting 1.4 million urban households in recent years</p>	<p>Scaling up ~300 times entities such as M-Kopa (<i>which serves 250,000 households in East Africa</i>)</p>

Principles underpinning the New Deal	<ul style="list-style-type: none"> ✓ Collectively raising our aspirations and mobilizing the requisite political will ✓ Transformational Partnership on Energy for Africa that provides a platform for coordinated action amongst partners (private and public) and for innovative financing – and also help reduce duplication and pool resources to achieve economies of scale in Africa's energy investments. ✓ Using innovative mechanisms to mobilize an additional USD 40-70 billion annually in domestic and international capital. ✓ Supporting African countries with the “soft” infrastructure of energy policies, regulations, incentive systems, sector reforms, corporate governance, transparency and accountability. ✓ Under the aegis of the New Deal, the Bank will ramp up its investments – equity, loans, grants and guarantees – along with co-financing and syndication. Between 2016 and 2020, the Bank will invest about USD 12 billion and leverage about USD 50 billion in public and private financing for investments in the energy sector.
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Significant developments in 2015

- Increased support to **SE4All country action processes** and development of AA/IP in new countries, by many development partners incl. EC, WB, US, ECREEE, and Africa Hub partners
- **Guidance, quality assurance and harmonization** of the SE4All country action processes:
 - ✓ Country Action Reference Document (CARD)
 - ✓ Action Agenda template
 - ✓ Stakeholder consultation guidelines
 - ✓ Investment Prospectus concept note
 - ✓ Quality Circle for AA and IP
- **Promotion of AA/IP** through regional and national workshops and events (Yaoundé workshop in April, SE4All global forum May, ECOWAS regional investment forum Sept, East Africa regional workshop Dec etc.)

Outline actions steps, AA and IP

Establish a common structure for

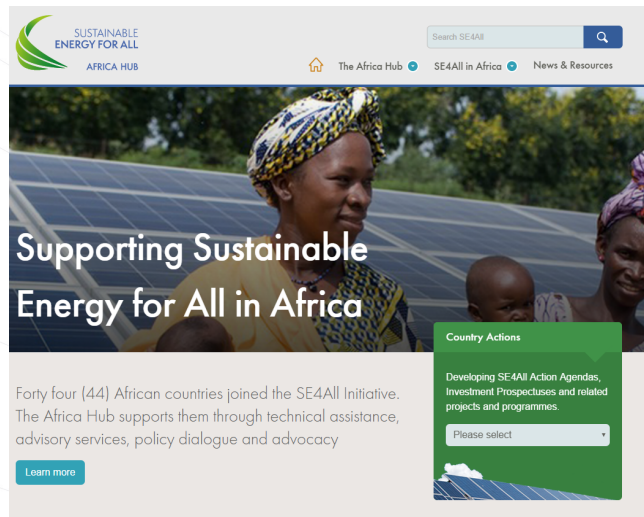
Provide support for setting up the

*Offer guidance to countries in
Process of voluntary quality review
of the AA/IP to be undertaken
before political validation.*

*First countries to benefit: Nigeria,
Tanzania, Kenya and Swaziland*

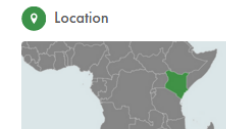
Launch of the SE4All Africa website

- Launch of the SE4All Africa website: <http://www.se4all-africa.org/>



Short description of the context

At a glance
 In Kenya, in 2012, access to electricity was limited to 23% of the population, which represents 1.97 million households, while over 80% of Kenyans relied on the traditional use of biomass as the primary source of energy for cooking and heating.
 Kenya joined the SE4All initiative and began developing a Rapid Assessment, followed by a large and inclusive process that led to the development of the Action Agenda and of the Investment Prospectus, finalized in late 2015, and supported by the SE4All Africa Hub. In this process, Kenya set a 100% access target to be reached by 2022 for both electricity and clean cooking solution, while further improving the share of renewable energy sources up to 80%. Energy efficiency goal is to achieve a 2.78% reduction of total energy intensity yearly.
 On the Institutional side, to follow the SE4All implementation a Country Focal Point (CFP) was appointed within the Directorate of Renewable Energy in the Ministry of Energy and Petroleum (MoEP). Kenya set up a SE4All Steering Committee to support the design of the AA and the IP. After technical and political validation this Committee shall remain in place and should meet regularly to provide support and advice to the SE4All Secretariat. The Secretariat is the AA's lead advocacy and managerial unit.



Country contacts
 Eng. Isaac N. Kiva
 Director of Renewable Energy
 Eng. Faith Wandera
[Deputy Director of Renewable Energy](#)
 Ministry of Energy and Petroleum
www.energy.go.ke

SE4All focal point contact

Country SE4All related news

News from Kenya
 02/12/2015
 Kenya hosts East African Forum on Sustainable Energy

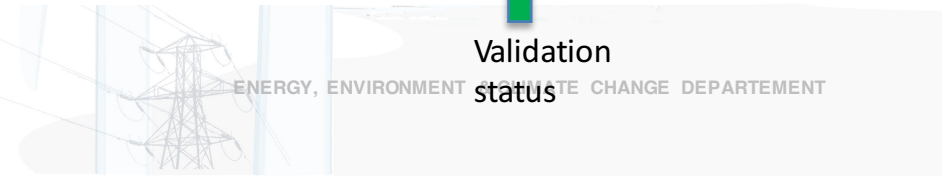
Documentation to download

- Documents**
- Kenya Rapid Assessment - Gap Analysis (1.5 MB)
 - Kenya Action Agenda (5.0 MB)
 - Kenya Investment Prospectus (1.0 MB)
 - Daily Nation SE4All Special (626 kB)
 - Kenya Awareness Campaign July 2015 (1.1 MB)

SE4All targets

SE4All Action Agenda Objectives	2030	Country Action Documents	Status
Electricity Access, national	100%	Rapid Assessment	Validated
Access to non-solid fuels, national	100%	Action Agenda	Technically Adopted
Renewable Energy Output	80%	Investment Prospectus	Technically Adopted
Renewable Energy Consumption	80%		
Energy Efficiency	-2.785% per year		

Validation status



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

28 countries are developing an AA;
18 are developing an IP

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



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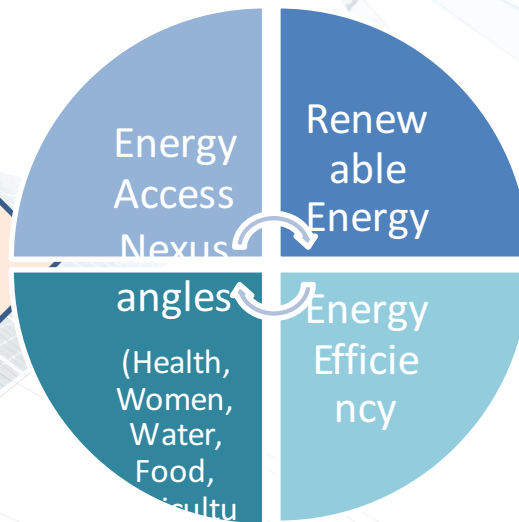
The AA: a holistic approach

National SE4All Action Agenda

Inclusive development

- ✓ 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

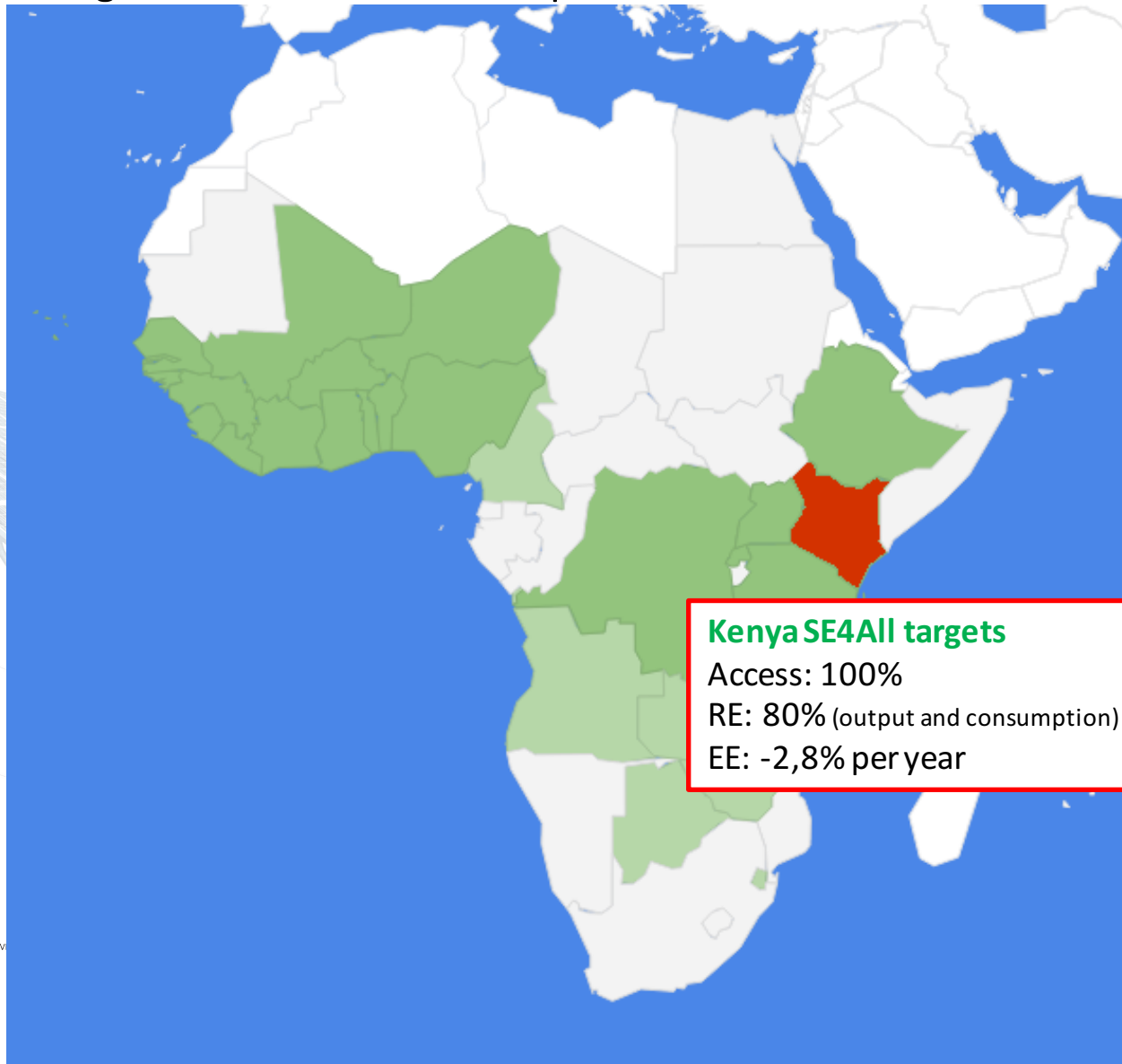


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Where do we stand in Africa?

Countries developing AAs – January 2016

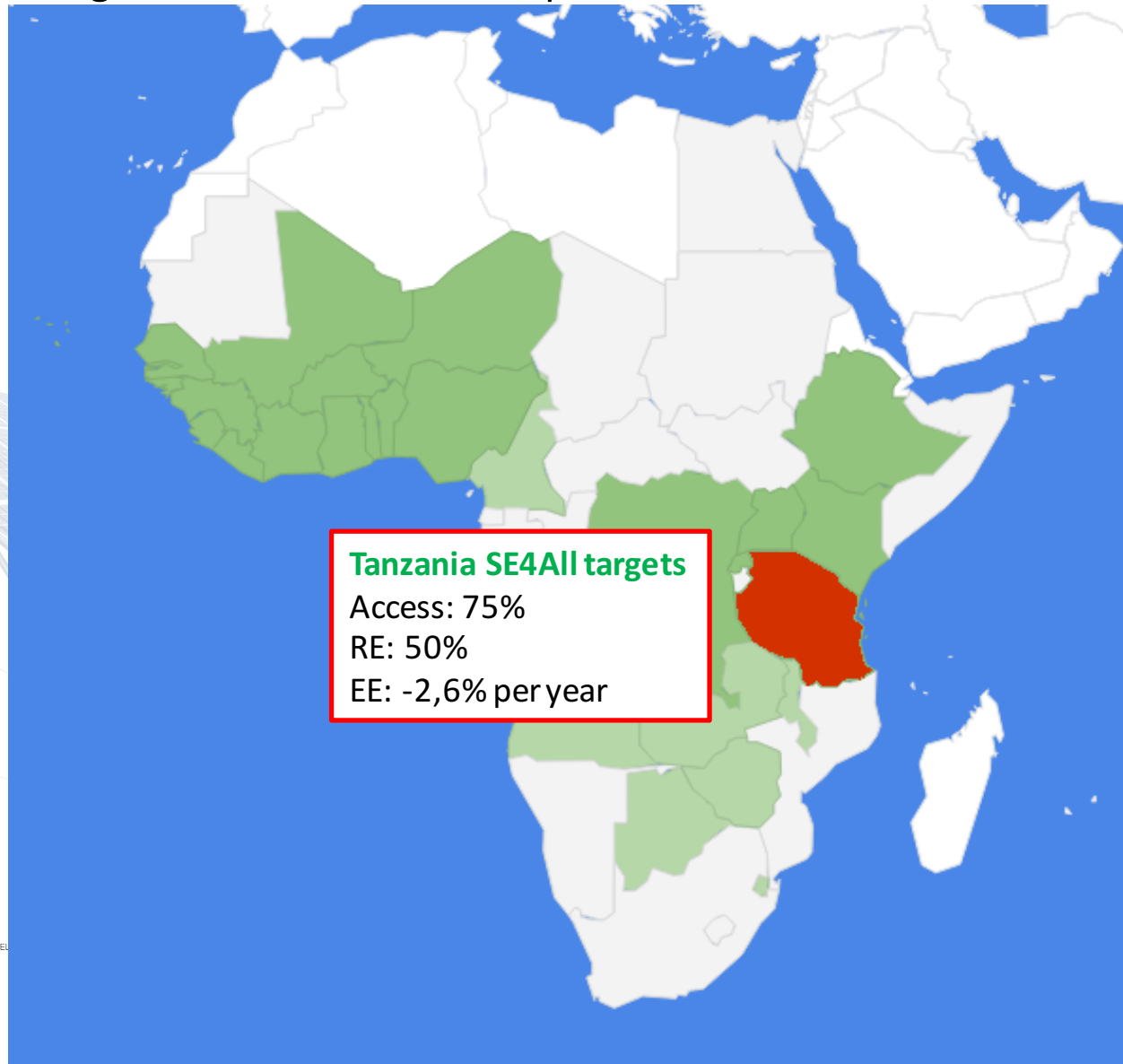
SE4All Action Agendas are under development or finalized in **half of the African countries**



Where do we stand in Africa?

Countries developing AAs – January 2016

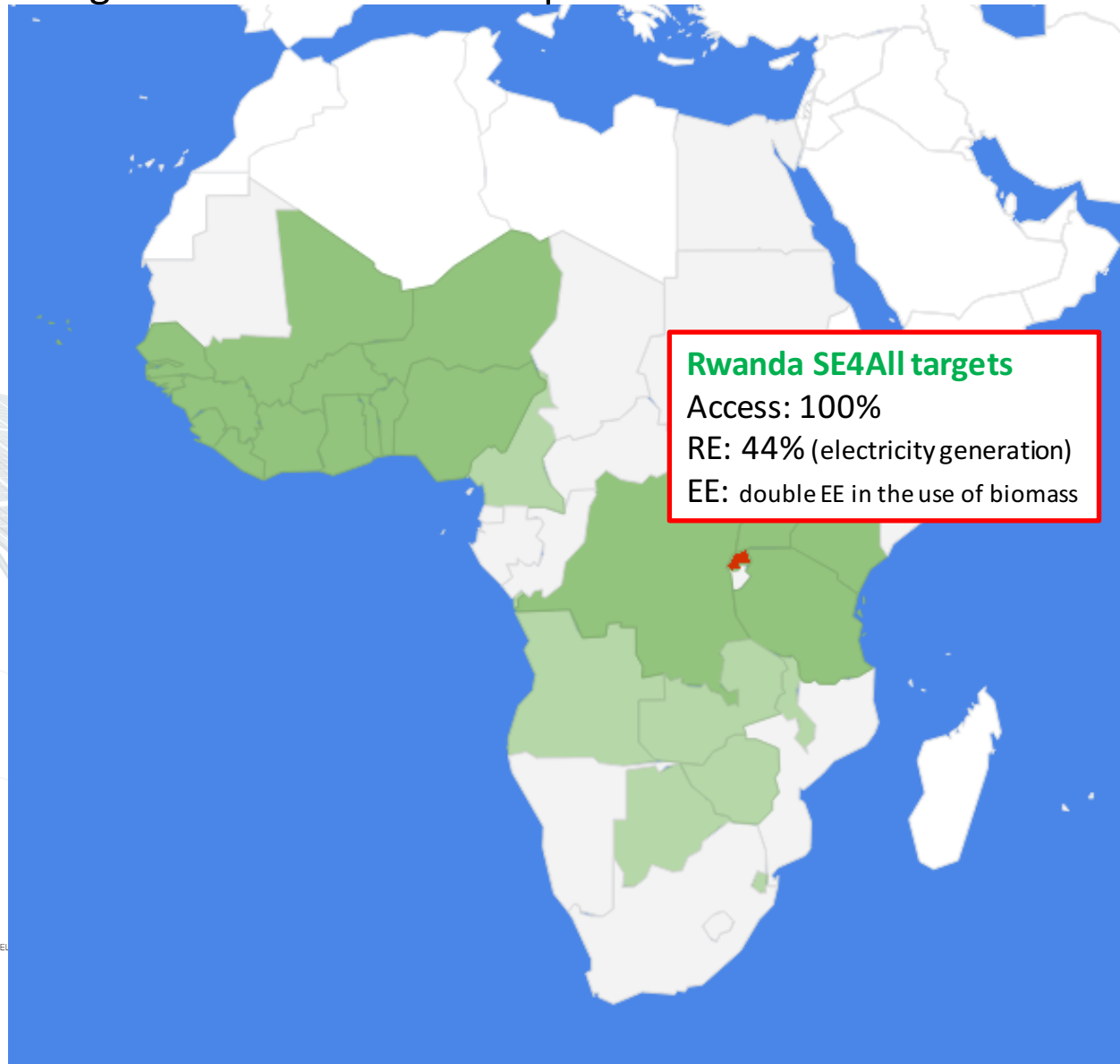
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Where do we stand in Africa?

Countries developing AAs – January 2016

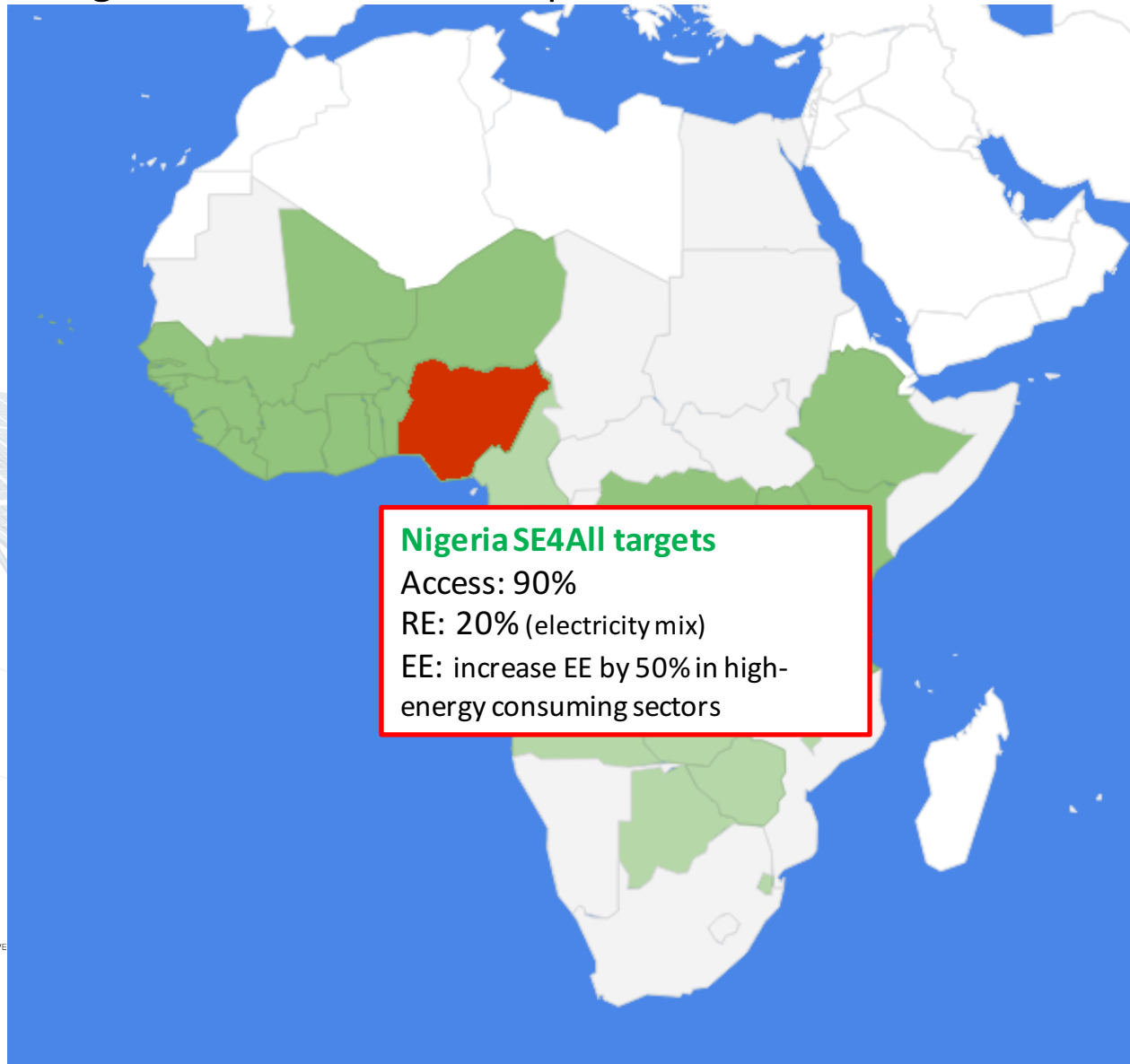
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Where do we stand in Africa?

Countries developing AAs – January 2016

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Nigeria SE4All targets

Access: 90%

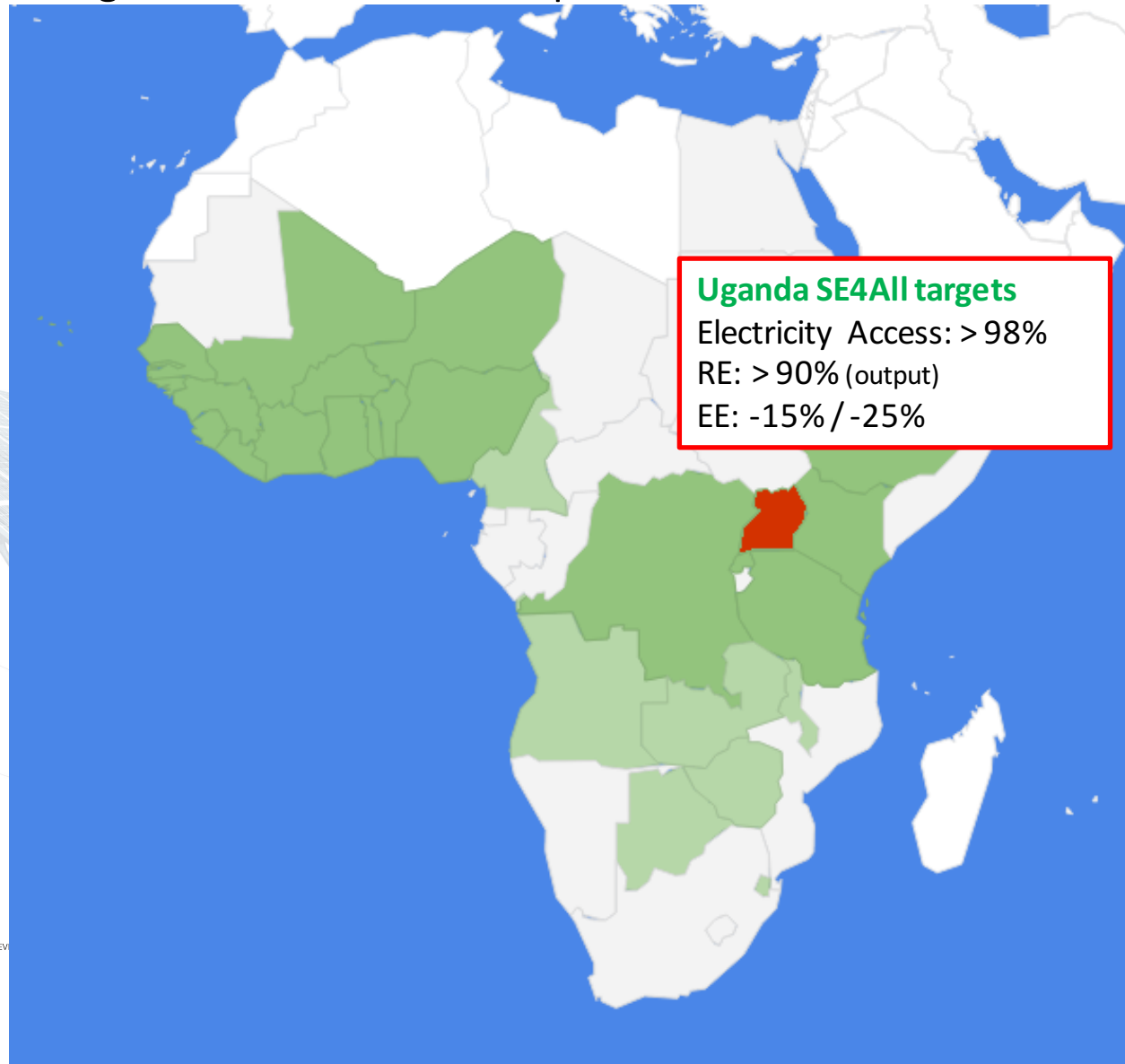
RE: 20% (electricity mix)

EE: increase EE by 50% in high-energy consuming sectors

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Where do we stand in Africa?

Countries developing IPs – January 2016

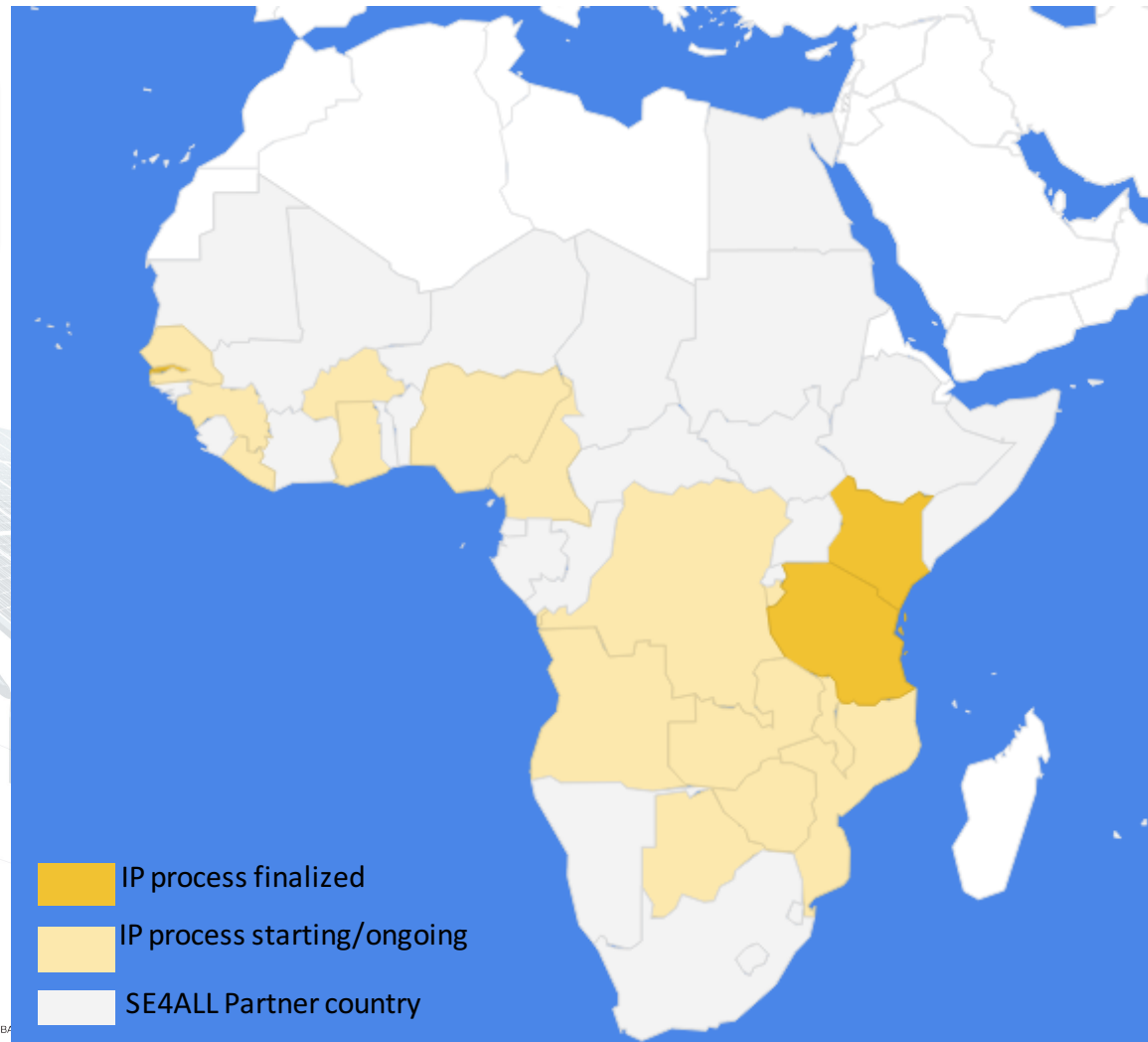
SE4All Investment Prospectuses are under development or finalized in several countries

IPs finalized in:

Kenya
Tanzania
The Gambia

IP processes ongoing in:

Burkina Faso
Burundi
Ghana
Guinea
Liberia
Mozambique
Senegal
Angola
Cameroon
DRC
Malawi
Zambia
Zimbabwe



In 2016

- Process to start in Nigeria and Botswana with Hub/AfDB support
- Process to start in several ECOWAS countries with ECREEE/EU support

In total, some 18 countries have embarked on the process

The AA – An implementation tool for SDG 7

Implementation of the **Sustainable Development Goal (SDG) 7** will be key for Africa.

“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



Lessons learned and best practices

Some lessons learned / best practices have emerged:

- Importance of high-level buy-in, inter-ministerial coordination and inclusive development process
- Importance of a strong champion leading the process
- Evolving nature of the AA and maintaining focus on long-term strategic approach
- Data availability and quality need to be addressed
- AA not just a document, but providing strategic context to ongoing sector consultation process
- Involvement of HIOs and Hubs in the development and follow-up processes
- Application of established SE4All “quality circle” as country support mechanism



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Focus on implementation of AA/IPs

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 SE4All 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
- Systematic involvement of SE4All HIOs in the follow-up to AA/IPs

Focus on implementation of AA/IPs

2/ Coordination & Institutionalization

- 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
- Institutionalising SE4All processes in the countries and strengthening of SE4All Secretariats
- Regional coordination and leadership (e.g. RECs, AELG)

3/ Tracking and Monitoring

- Develop methodologies to track and measure progress towards SE4All targets at country level
- Make the link between monitoring efforts on SE4All at a country level and the Global SE4All monitoring and tracking work (GTF, MTF)

Conclusion

- **2015** was a successful year for SE4All in Africa: important ground work in terms of country-level energy sector planning processes and identification of investment opportunities was carried out in many African countries.
- In **2016** the focus will have to shift decisively to actual implementation. A concerted approach to AA/IP follow-up is therefore required.



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Thank you!

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