



Empowering Development

Delivering results
in the Decade of
Sustainable Energy for All



Empowering Development – Policy Vision

**Energy:
key driver for sustainable
inclusive growth**

- Africa-EU Energy Partnership (2007)
- Agenda for Change (2011)
- Sustainable Energy for All (2011)
- President Barroso ambitious goal (2012)
- SDG 7



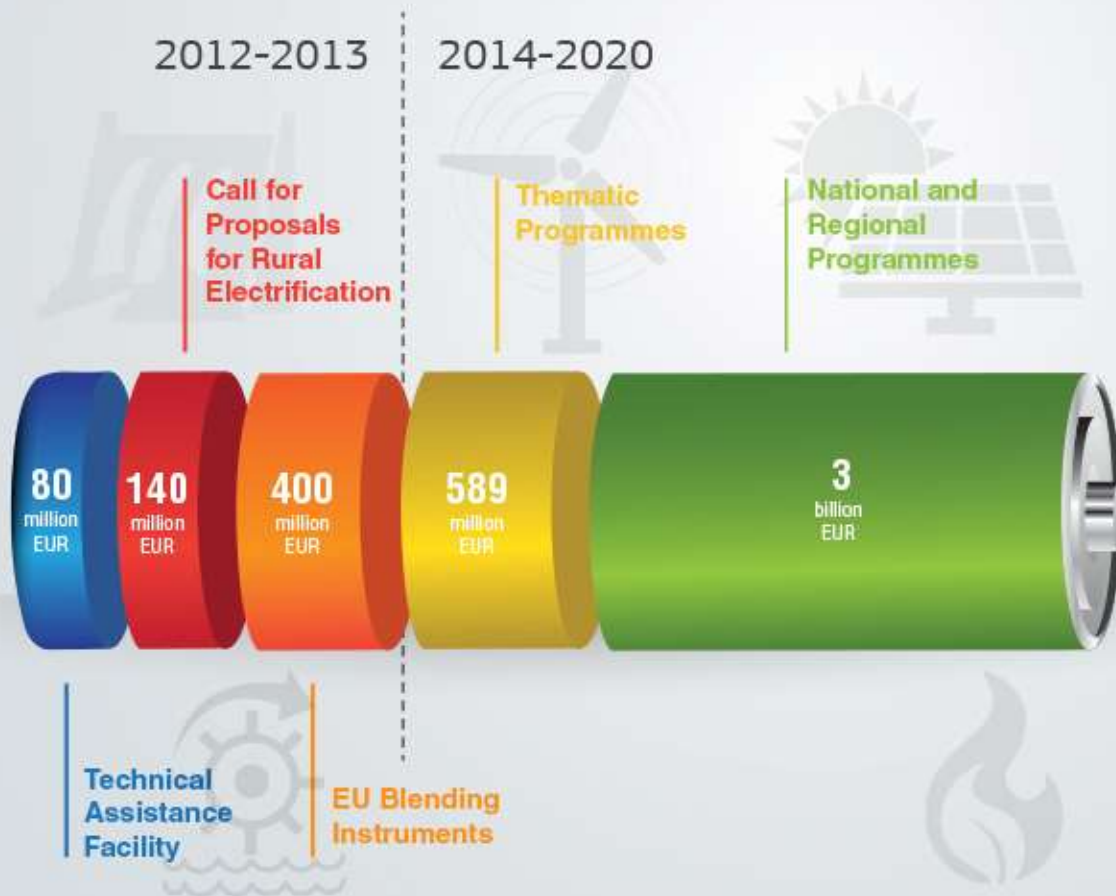
Empowering Development – EU Energy Cooperation

- **Key challenge: energy access** - supports sustainable agriculture, access to clean water, a decent education and basic health care (nexus food-water-energy).
- **Empowering Development: an EU comprehensive set of actions to help end energy poverty** in line with Agenda for Change and Sustainable Energy for All Initiative (SE4ALL).



EU Development Co-operation three priority areas:

- Build on **strong political ownership** for policy reforms needed to attract investments
 - Increase the **partner countries' capacity**
 - **Stimulate investments** increasing access to energy with innovative co-financing schemes



More than EUR 4 billion for the fight against energy poverty

- **EUR 600 million mobilised** already in 2012-2013
- **More than EUR 3.5 billion** allocated for 2014-2020.
- Significant **leveraging investments**. Fill gaps in energy infrastructure and power businesses, schools, homes and hospitals.





Technical Assistance Facility



80 million EUR



Catalysing reforms – making change happen

Technical Assistance Facility

Key activities

- Supports crucial sector reforms and policies
- Assists defining sound regulatory frameworks
- Helps creating a positive environment for private investments

Tool

- EU's **Technical Assistance Facility**: a total budget of **EUR 80 million** supporting partner countries create an environment for investments and generate green growth.



Call for Proposals for Rural Electrification



140 million EUR



Empowering rural communities

Key activities

- **Rural electrification:** improve access to modern, affordable and sustainable energy services for the rural poor by focusing on renewable energy solutions and energy efficiency measures;
- Promote productive use of energy that generates growth at local level.
- Two Calls for proposals on rural electrification resulted in 30 EU funded projects → over **4 million additional** people in rural areas in Africa will gain improved access to modern, affordable and sustainable energy
- Operations started in 2014



EU Blending Instruments



400 million EUR



Fuelling inclusive growth

EU Blending Instruments

Key activities

- Use EU grants and other public and private sector resources such as loans and equity to leverage additional non-grant financing.

Tool

- **EU Blending Facilities:** 7 regional facilities with targeted financing for sustainable energy investments:
 - EUR 400 million: expected to **leverage concrete investments of up to EUR 8 billion.**



Thematic Programmes



589 million EUR

Global Public Goods and Challenges

Thematic Programme

Key activities

- Focus on enabling regulatory frameworks for sustainable energy services and support investments for *access to sustainable energy, energy efficiency and smart energy use*.
- Support strategic partnerships and alliances at global level.

Tool

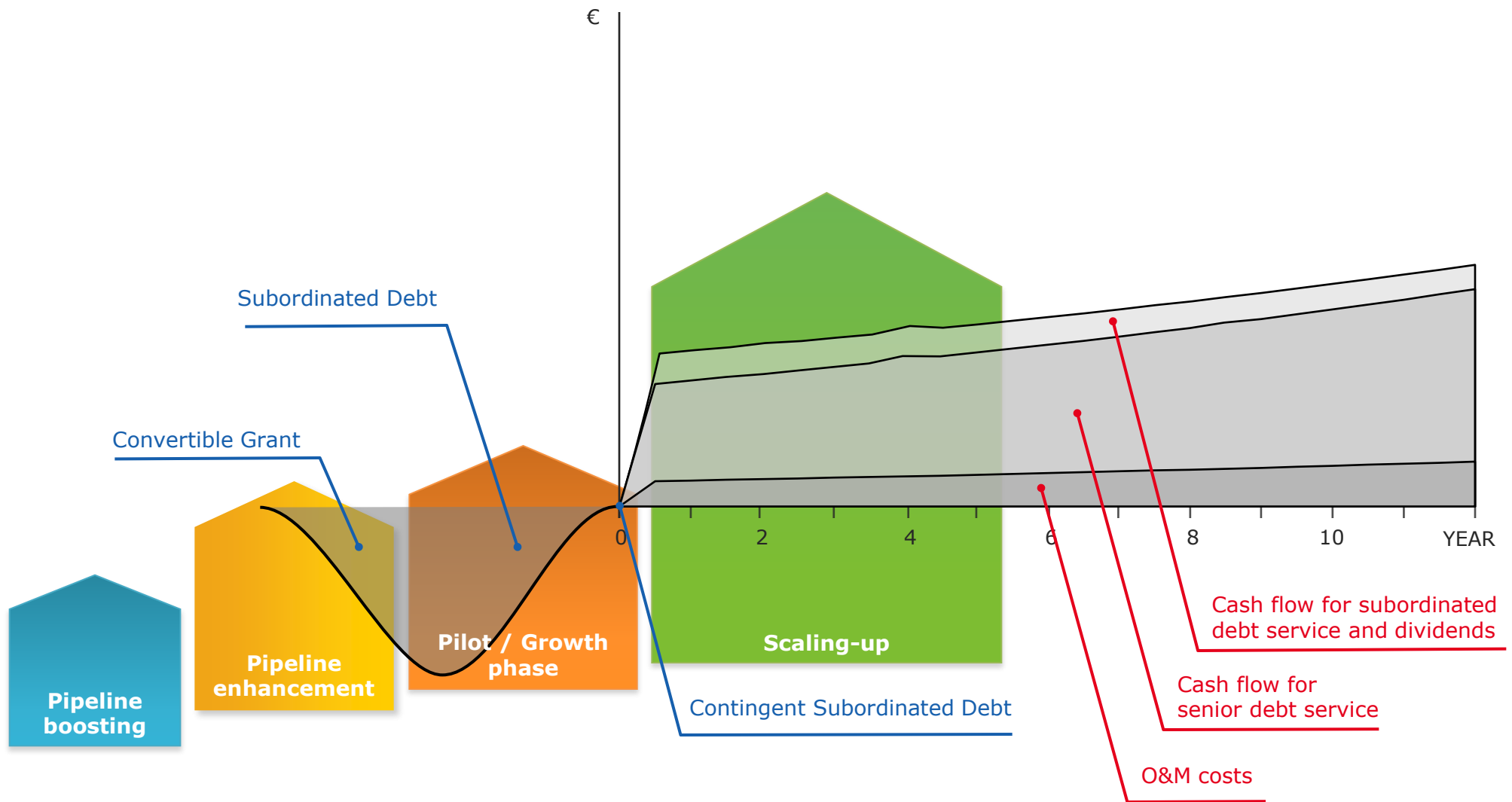
- **EU Global Public Goods and Challenges Programme:** Actions addressing energy's multiple links with other sectors will be mainstreamed. EUR 589 million earmarked under this instrument for actions promoting sustainable energy over the next seven years (2014-2020).



Electrification Financing Initiative ElectriFI objectives:

- ✓ intensive mobilisation of private sector investments in increasing and/or improving access to sustainable electricity and energy services,
- ✓ encourage actions with emphasis on decentralised sustainable energy solutions for populations living principally in rural areas or underserved areas / unreliable supply areas, and
- ✓ attract additional financing

ElectriFI Support: Early Stage Development Capital (illustrative)





Step 1

Proposal submission by the Promoter or the Promoting Party to the ElectriFI Manager

Step 2

High-level early screening by Investment Committee to ensure that an application fits the scheme and meets development objectives

The procedure

Step 3a

Mature proposals in terms of bankability and those submitted by a Promoter Party will be submitted to the ElectriFI Investment Committee for approval

Step 3b

Selected proposals in need of further technical assistance will be granted due support in order to become bankable prior to their submission to the ElectriFI Investment Committee



The EU Covenant of mayors initiative

Set-up in 2008 by EU and local & regional authorities

Cities commit to:

- **Control / Reduce their GHG emissions**
 - -20% by 2020 for European cities
 - Adapted targets for Neighbourhood cities
- **Adopt a Sustainable Energy Action Plan**

At mid 2015:

- **6500 cities signed (200 million people)**
 - in Europe, East and South Neighbourhoods and Central Asia
- **4700 cities have an approved Sustainable Energy Action Plan**



Mayors of the Covenant in the European Parliament, 2009



Women collecting water - Mali

Towards an African Covenant of Mayors

The priority needs of African cities and citizens

- Improve the conditions of living and alleviate poverty
- Empower development, improve the economy
- Access to basic and resilient urban services linked to energy (lighting, electricity, cooking, mobility, water, health...)
- Set up appropriate energy, transportation and spatial planning to manage city and population growth
- Preserve local resources and prevent land degradation

Embark energy efficiency and climate action

- As means to achieving access and development
- As longer term absolute commitments



Pilot project for a "Covenant of Mayors" in Sub-Saharan Africa

Approach in the DEVCO GPGC pilot project

- **First focus on Sub-Saharan Africa and on Urban/Transportation planning**
- **Select a first pilot group of cities**
- **Work with city networks**
 - Embark the know-how of European Local Authorities Associations
 - Work in close cooperation with African city networks
- **First project to be extended**
 - To more cities in Africa
 - To be replicated in other regions (Caribbeans, Pacific...)

Zero net energy homes



National & Regional Programmes



3 billion EUR

Reinforcing bilateral dialogue and strengthening regional cooperation

National & Regional Programmes

Key activity

- **Energy cooperation:** key for achieving policy reforms, harnessing investments in sustainable energy while contributing to energy security and sustainable growth. Strengthens cooperation in other sectors, such as trade, agriculture, human rights.

Tool

- **EU National & Regional Programmes:** more than 30 partner countries that have decided to pay particular attention to energy in the context of their bilateral cooperation.
- 13 Joint Declarations on reinforced cooperation on energy signed with European and African countries.





3 billion EUR



Reinforcing bilateral dialogue and strengthening regional cooperation

National & Regional Programmes Budget for energy

Region	Country	
Asia €591,0m	Vietnam €346m; Philippines €222m; Iraq €23m	
Caribbean €21,7m	Belize €13,5m; Barbados €3m; Dominica €2,6m; St Kitts and Nevis €2,6m	
Pacific €33,4m	Micronesia €12m; Tonga €10m; Marshall Islands €8m; Nauru €2,2m; Palau €1m1717; Niue €0,3m	
Central Asia €170,0m		
Sub-Saharan Africa €1.928,4m		
	Central Africa €382,5m	Rwanda €200m; Burundi €105m; RIP €77,5m
	West Africa €699m	Nigeria €150m; Côte d'Ivoire €139m; Liberia €100m; Benin €80m; Togo €30m; RIP €200m
	East and South Africa €823,9m	Tanzania €180m; Ethiopia €90m; Madagascar €40m; Seychelles €1,5m; Zambia €244m; Lesotho €28,4m; ESA-IO €240m
	Pan-Africa €23m	
Thematic/GPGC €400m		
Intra-ACP €300m		



Joint Declarations on enhanced energy cooperation

- Thirteen Joint Declarations signed
 - More Joint Declarations with African States and EU Member States, to be co-signed at the highest level during COP21





COP21 Energy Day – Paris, 7 December

The EU will showcase during the 'Energy Day' in COP21, together with SE4ALL, EU MS and other partner countries and important stakeholders

Three main activities:

- **Joint Declarations on sustainable energy** - new Joint Declarations on reinforced cooperation on sustainable energy will be signed at the highest possible political level (countries tbc)
- **ElectriFI** – after the launch of the concept in New York (SE4All Forum, May 2015) the initiative is ready to kick-off and operational details and the first pipeline of projects will be presented
- **African Covenant of Mayors** – DG DEVCO is funding the extension of the 'Covenant of Mayors' Initiative to the African context. €10M have been allocated to the program to support African cities in the implementation of energy efficiency measures



Other important initiatives

- EU Energy Union: 15th action point – clear reference to EU energy cooperation with third countries, including on renewable energy and energy efficiency
- G7: conclusions of June 2015 mention AEEP and ElectrIFI
- G20: Conference on Energy Access in Sub-Saharan Africa (October 2015).



The EU Energy Initiative (EUEI)

- Was launched at World Summit for Sustainable Development (WSSD) **2002** in Johannesburg as a joint initiative between **EU Member States** and the **Commission**.
- Aims to contribute to the achievement of the Millennium Development Goals (now **SDGs**, in particular SDG7) through the provision of adequate, affordable and sustainable energy services to the poor. It is also part of the EU's contribution to achieving **SE4All** goals.
- With a view to achieving the EUEI's objectives of energy access and poverty eradication, the three core activities of the EUEI are:
 - Stimulating **policy dialogue, coordination** and synergies;
 - Providing institutional **support** and technical assistance;
 - **Facilitating** the creation of partnerships, initiatives and innovative financial instruments.



Milestones and achievements of EUEI

- 2004: The **EUEI Partnership Dialogue Facility (EUEI PDF)** is created to assist the development of policies and strategies, at national and regional level.
- 2005: As a key instrument of EUEI, the **ACP-EU Energy Facility** is put in place.
- 2007: The **EU-Africa Infrastructure Trust Fund** is set up.
- 2008: Start-up of the **Africa-EU Energy Partnership (AEEP)**.
- 2010: 1st High-level Meeting of the Africa-EU Energy Partnership where the Africa-EU **Renewable Energy Cooperation Programme (RECP)** is launched by Commissioner Piebalgs.



EUEI PDF support to the EUEI

- In September 2015 the EUEI PDF was requested by the European Commission to support the revitalization of the **EUEI** as the forum for **EU coordination**, also in response to the adoption of the stand-alone energy goal SDG7.
- **Objective:** *To support the EU's (EC, EUEI and EU MS) efforts to coordinate, facilitate and increase the visibility of the European contribution to development cooperation in the field of energy.*
- The envisaged **demand-driven support** includes:
 - Support to the EUEI Secretariat (DEVCO C6);
 - Support to EU Member States;
 - Improve the visibility of the EU's contribution to the field energy in development (e.g. to SE4All and SDG7);
 - Conduct research, monitoring and analysis of thematic topics and processes.



The Africa-EU Energy Partnership

- Established in December 2007 at the **Lisbon Africa-EU Summit**.
- Initial overall objectives:
 - **Dialogue** on energy access and energy security;
 - Improved **access** to reliable, secure, affordable, climate friendly and sustainable **energy services** for both continents, as per the **AEEP 2020 Targets**;
 - **Increased** European and African **investments** in energy infrastructure in Africa, including promotion of **renewables** and energy efficiency.





- The EUEI PDF is the Secretariat of the Africa-EU Energy Partnership (AEEP)
- The Secretariat follows the political guidance of its co-Chairs to facilitate strategic dialogue meetings and processes and also involve non-state actors in Africa-EU dialogue on energy.
- The EUEI PDF implements the Renewable Energy Cooperation Programme (RECP)
- The RECP's activities aim at market development for renewable energy in Africa by supporting the private sector through advisory services as well as linking technology providers, project developers and financiers, and improving regulatory and educational framework conditions.





Thank you for your attention!

For more information:

<http://ec.europa.eu/europeaid/energy>

<http://capacity4dev.ec.europa.eu/topic/energy>