



# The Covenant of Mayors

## Extension to Sub-Saharan Africa

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**Empowering  
Development**



# Energy Efficiency and Development

## **Inefficient and inappropriate use of energy is a major obstacle to economic development**

Insufficient planning, unorganised management and maintenance, inefficient equipment, under/over dimensioned or obsolete infrastructure lead to high costs, commercial deficits, waste of resources, power cuts, inequalities, pollution...

Fabricant	Lave-linge	
Modèle		
<b>Économie</b>		
		<b>A</b>
<b>Peu économique</b>		
Consommation d'énergie kWh/Cycle	0.95	
Énergie nécessaire pour laver 10 kg de linge à 30°C (équivalent à 1000 cycles)		
La consommation réelle dépend des conditions d'utilisation de l'appareil		
Efficacité de lavage époussetage	<b>A</b> (bonne)	
Efficacité d'économie époussetage	<b>A</b> (bonne)	
Vitesse d'essorage (tr/min)	1200	
Capacité (blanc kg)	5,0	
Consommation d'eau L	48	
Bruit [dB(A) à 1 pW]	Lavage Économie	51 65
Norme CE 89/686/EEC Directive 92/75/CEE relative à l'énergie et à l'environnement		

## The three SE4All targets of energy access, renewable energy and energy efficiency are strictly interlinked:

- Energy efficiency allows providing better services to more users with the same quantity of energy produced
- The use of renewable energy sources increases local generation of clean energy
- Access to modern energy services is improved



# Covenant of Mayors

**Launched in 2008 in the EU**

**Local authorities subscribing to CoM commit to:**

- Control / Reduce their GHG emissions**
  - 20% in 2020 for EU cities
  - Adapted objectives (different targets) for cities in the Neighbourhood regions (East and South)
- Adopt a Sustainable Energy Action Plan (SEAP)**

**In 2015 :**

- 6.500 signatory cities (200 million people)**
  - Active in Europe, East and South Neighbourhood, Central Asia
- More than 4.500 cities have already approved their Action Plans**



## Extensions of the Covenant of Mayors

### Already launched:

- **East Neighbourhood (until Caucasus)**
- **South Neighbourhood (Mashrek & Maghreb)**
- **Central Asia**

**It is currently foreseen to extend the CoM to all other regions to create a 'Global Covenant of Mayors'**

- **In Asia and America: DG ENER and DG REGIO are jointly developing the initiative**
- **DG DEVCO will cover the other regions of the world, starting with Sub-Saharan Africa**

# Global shared long term vision for cities (1)

## Cities in developed countries:

- **Use a lot of energy – Emit a lot of GHG**
- **Have high levels of Energy access and urban services**
- **Need to decrease energy and emissions while still improving the service (including re: energy poverty)**
- **Are less vulnerable to climate change**



Urban works - Cotonou

# Global shared long term vision for cities (2)

## Cities in developing countries:

- Use less energy – Emit fewer GHG
- Have generally low levels of Energy access and urban services
- Need to increase access to energy and services while controlling emissions
- Are often more vulnerable to climate change impacts



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## Global shared long term vision for cities (3)

**Cities in all countries can benefit from:**

- **Better organisation and higher efficiency**
- **Shared long term vision of energy production, use and GHG emissions**
- **Improved resilience to climate change impact**

→ **Need to combine development, CC mitigation and adaptation in a common vision enhancing synergies and reducing negative effects**



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## **From a shared vision to a common tool**

### How to adapt the Covenant of Mayors to Africa?

**Keep the principles but broaden the scope, looking for fair shared objectives:**

- **The Sustainable Development Goals, approved in September 2015**
- **National/regional mitigation and adaptation commitments to be pledged by parties for the UNFCCC process (COP-21 and beyond)**
- **The Sustainable Energy For All objectives**



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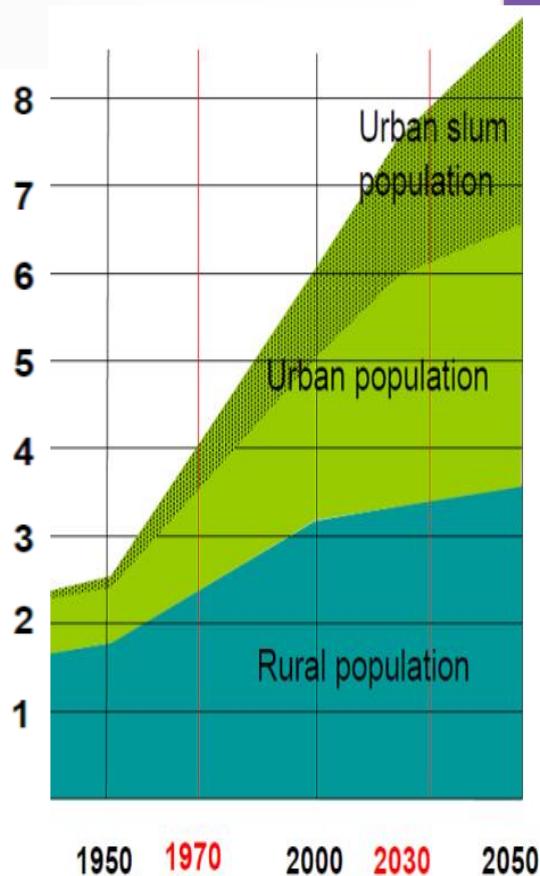
**ACCESS TO CLEAN ENERGY is as important as adaptation and mitigation! A consistent policy needs to address all together.**

## Involve Mayors and cities of Sub-Saharan Africa

### Specific context and challenges of Sub-Saharan cities:

- Very high, often uncontrolled, rate of urbanisation
- Majority of city dwellers in informal systems/living arrangements

To stimulate economic and social development and improve the quality of life of citizens, cities need to guide urbanisation with efficient urban planning, transport systems, increased access to energy systems, sustainable energy use and production





## 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



Women collecting water - Mali



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

### Approach in the DEVCO GPGC pilot project (10 m €)

- **First focus on Sub-Saharan Africa and on Urban/Energy/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

# Covenant of Mayors in Sub-Saharan Africa

Implemented by city-networks

Direct Management by DEVCO

Platform

Technical Assistance

1st Call for Proposals

Animation of the network  
Link with EU Covenant  
Political advocacy  
Communication  
Training

Methodology  
Tools  
Technical Support

Initially 5-7 cities selected  
Support for planning process  
Drafting of SEAP

Other cities

Central Government



## Objectives of the Call for Proposals

- **Engage SSA cities into sustainable planning and local development**
- **Increase capacity**
- **Support direct city-to-city cooperation (EU-SSA, SSA-SSA as well as other regions)**
- **Initiate projects through feasibility studies and early actions**
- **Show the benefit of energy-efficiency projects**



Zero net energy homes



## Objectives of the Direct Grant for 'Local Authority Platform'

- **Support 'African Covenant of Mayors' implementation and objectives**
- **Dissemination of information, organisation of workshops**
- **Network and Political Advocacy**
- **Technical support to the programme (both to the EU and to participating cities)**



Zero net energy homes

2012-2013

Call for  
Proposals  
for Rural  
Electrification

80 million EUR  
140 million EUR  
400 million EUR

Technical  
Assistance  
Facility

2014-2020

Thematic  
Programmes

589 million EUR

National and  
Regional  
Programmes

3 billion EUR

EU Blending  
Instruments



## 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.