



EU-AFRICA

High Level Policy Dialogue (HLDP)

on

Science Technology and Innovation

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High Level Policy Dialogue (HLPD) - 1

"to build better common understanding, mutual trust and above all to strengthen the overall cooperation through joint priority setting and implementation"



2007 Joint Africa EU Strategy

Component on science, technology and innovation



2010 endorsed by Africa-EU Summit



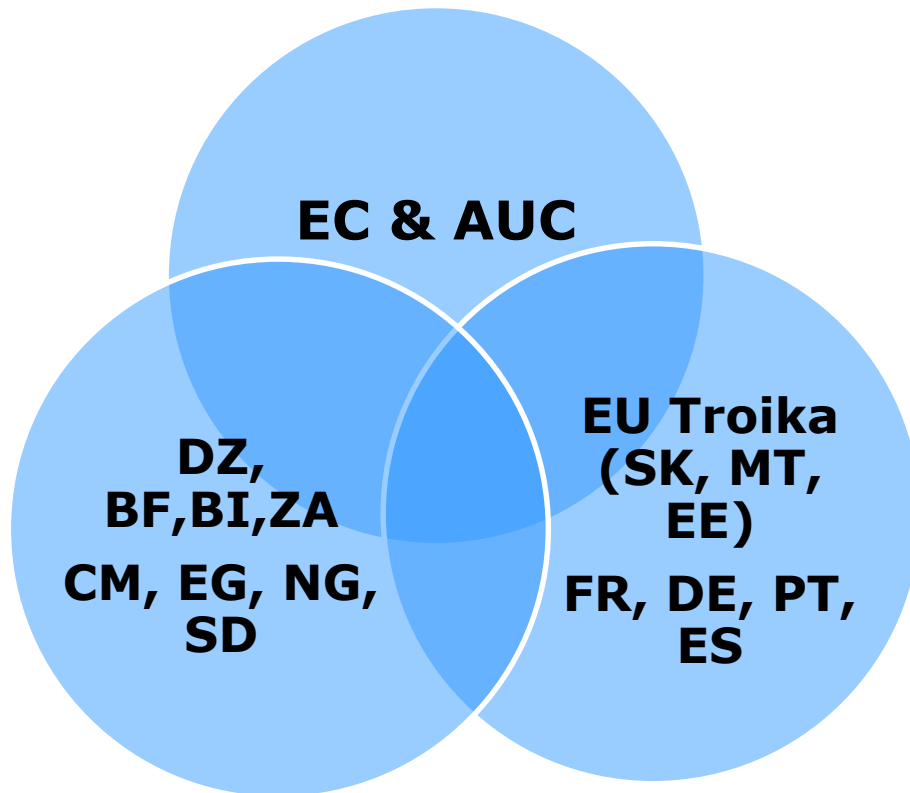
2011 launched



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High Level Policy Dialogue (HLPD) - 2

➤ Supported by a Bureau



- **Regular meetings** (VDC)
- **Plenary meetings** (with all Member States invited)
 - **November 2011** (Addis Ababa)
 - **November 2013** (Brussels)
 - **April 2016** (Addis Ababa)



EU-Africa R&I Partnerships

What makes it different from other initiatives?

- ***Optimise and align policies and programmes between Africa and Europe***: major leverage effect on realisation of Sustainable Development Goals
- ***All-encompassing R&I framework***: Enhanced access to and impact of research results at local level by encouraging joint creation of solutions by all actors of the chain (researchers, private sector, government, civil society)
- ***Overcome donor-recipient relationship***: jointly design, own, govern and fund, corresponding to convergent policy objectives



5 criteria

Relevance

Capacity

Impact

Scalability

Complementarity



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2 STI priorities for implementation

Food and nutrition security and sustainable agriculture

- **Sustainable intensification**
- **Nutrition**
- **Trade**

Climate change and sustainable energy

- **Climate services**
- **Renewable energy**
- **Energy efficiency**



THE AFRICA-EU PARTNERSHIP
LE PARTENARIAT AFRIQUE-EU

Priority 1

Joint Africa EU Strategy signed by Heads of State, Research and Innovation a priority - 2007

High Level Policy Dialogue (HLPD) Established in 2010 Meeting in Addis Abeba (2011) Meeting in Brussels (2013) Meeting in Addis Abeba (2016)

Start development EU-Africa R&I Partnership on FNSSA

Chose Food Nutrition Security and Sustainable Agriculture (FNSSA) priority
Agreed @ EU-Africa Summit in 2014



ROADMAP

Adopted @ HLPD meeting in 2016

African and European countries

Basis of research agenda

- Sustainable intensification
- Agriculture and food systems for nutrition
- Agricultural markets and trade
- Cross-cutting: research infrastructures, capacity building, earth observation

Implementation:
Horizon 2020 & Pan-African Instrument
EU & Africa national funding



Objectives

- Boost impact of Africa-EU joint research at local level by addressing the entire value-chain, strengthening capacity-building and focusing on demonstration projects and pilot actions to bring research and innovation results to the users;
- Optimise research and innovation programmes relevant to food and nutrition security between Africa and Europe and;
- Jointly design, own, govern and fund;
- Increase production of high quality food with appropriate inputs, enhance income growth and promote rural development, contributing as such to Agenda 2030 (SDG).

Up to 2013
CaastNet Plus
PAEPARD
ERAFRICA
ESASTAP Plus/2020

2014-15
RINEA
ProIntensAfrica
3 Millions

2016-17

- ERANET Cotund: LEAPAGRI
- Role of Innovation: InnovAfrica
- Earth observation: under evaluation
- Support to research infrastructures: SEACRIFOG
- African Union Research Grants

64,5 Millions

Long term implementation
2018-2020 and beyond

Discussion @ stakeholder's conference
04/2016 - Report
Discussion @ HLPD Bureau
2016-2017



Priority 2



Addis Ababa 2016

- **HLPD** launched discussion on 2nd priority: **global health & global change**
- Invited Bureau to propose focused proposal in **2017**

EU & Africa 2016 & 2017

- Bureau agreed to focus on **climate change and sustainable energy**
- Preparation of **roadmap** with expert input

Brussels & Abidjan 2017

- Propose **"EU-Africa R&I Partnership on climate change and sustainable energy"**



Contribute to EU vision & international commitments

- Contribute to the fight against **climate** change
- Increase **access** to renewable energy
- Increase **renewable** energy generation capacity and energy efficiency
- **COP 21 & COP 22**
- **Sustainable Development Goals (7, 13)**





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The transformation of climate-related data and other relevant information into **products, tools and services** that support adaptation, mitigation and disaster risk management.



CLIMATE
SERVICES

Boost society's resilience and capacity to adapt to climate change by addressing existing or emerging risks.



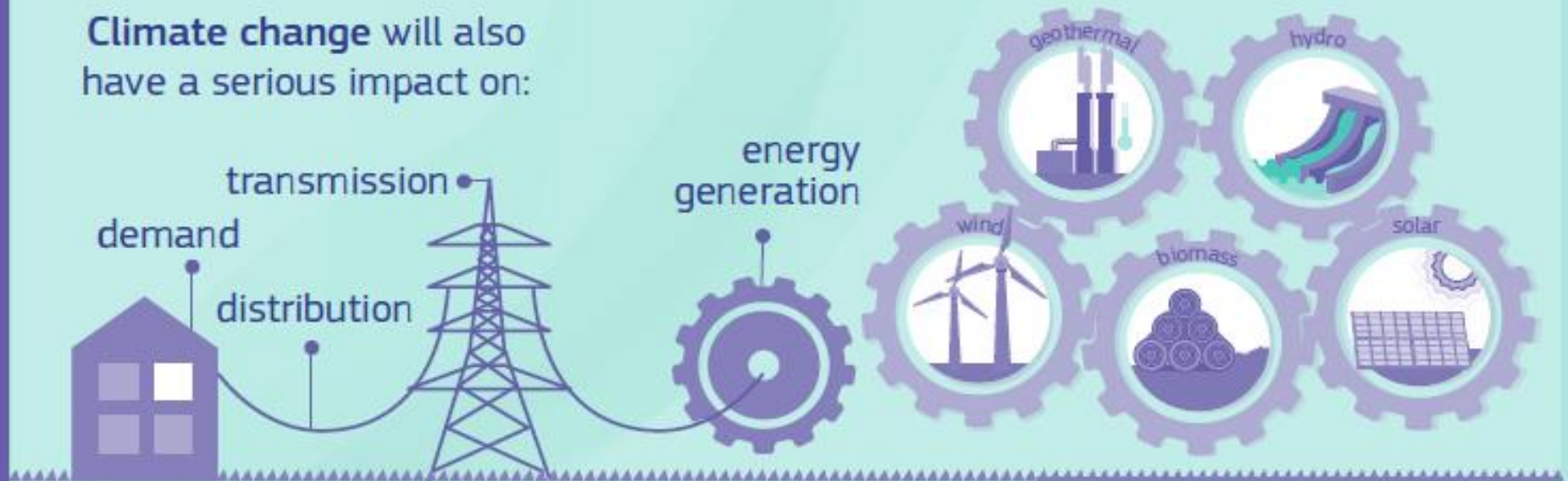
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ENERGY
SECTOR

MAJOR CONTRIBUTOR TO CLIMATE CHANGE

Climate change will also
have a serious impact on:



SMART ENERGY PLANNING



Renewable energy

Under development

- **Potential focus:**

- Research and development of new or the adaptation of renewable energy generation technologies to the African environmental, social and economic conditions
- Providing affordable access to renewable energy
- Improving the innovation cycles
- Building knowledge capacity

- **Potential activities:**

- Research projects
- Demonstration projects
- Technology transfer projects
- Exchange of researchers between European and African actors
- Synergies with existing development programmes



Energy efficiency

Under development

- Potential focus:
 - Energy efficiency in the building or industrial sector
 - Energy storage facilities
 - Use of low-energy lamps, solar air conditioning, solar water heater
 - Awareness-raising of benefits of energy efficiency and understanding of energy efficiency as an energy resource
 - Training and access to finance
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Next steps?

**April-
September
2017**

- Development of roadmap towards **EU-Africa R&I Partnership on climate change and sustainable energy**
- Technical input from experts (**what**)
- Implementation formulation by Bureau (**how**)
- Stakeholder consultation

October 2017

- Discussion and proposal for adoption of senior officials at the **EU-Africa High Level Policy Dialogue on science, technology and innovation**
- **Stakeholder event**

**November
2017**

- Proposal for endorsement at the **Africa-EU Summit**



THANK YOU

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