

EU-Africa 8th Partnership

Science, Information Society, Space

Joint Experts Group Meeting

Dar es Salaam, 8, 10-11 May 2012

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MAIN REASONS FOR STRENGTHENING EU-AFRICA COOPERATION IN S&T



EU-Africa 8th Partnership

Main Reasons for Strengthening EU-Africa Cooperation in S&T

- Special strategic interest for both regions
- International **Knowledge Networks** are of foremost importance in a globalizing world of knowledge-based economies
- Collaborative work involving **cultural and regional diversity** is particularly productive and rewarding



KEY DELIVERABLES 2011



Key Deliverables 2011

- **Africa-EU High Level Policy Dialogue on Science, Technology and Innovation** Initiated at Addis Ababa on 10-11 October 2011
- **ACP Research for Sustainable Development Programme**
African Research Grants Programme, S&T II Programme
- **ICT research cooperation**
AfricaConnect project, IST-Africa 2011 Conference, Living Labs initiative, 4th Euro-Africa Cooperation Forum on ICT Research
- **African Virtual Campus Network for S&T Education**
- **Cooperation in the domain of Space**
GMES and Africa initiative, AMESD and MESA programmes, on going dialogue on the African Space Agency and Space node of Pan-African University



Key Deliverables 2011

→ Several Member States initiatives

Examples among many others:

France-Germany-Africa Coordinated Call for Sub-Sahara Africa in Health, Agriculture/Food Safety, Environment, Applied Mathematics /Computer Science

France-Brasil-Africa coordinated call being planned

Finland support to ALICT – African Leadership in ICT

Portugal initiative and support to UNESCO Advanced Training Center for Portuguese Speaking countries and associated fellowships

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MAIN INSTRUMENTS



EU-Africa 8th Partnership

Main Instruments

→ FP7 2007-2013

General calls on themes in the Cooperation Programme

Geographically targeted calls

Coordinated calls

European and international programmes, e.g., EDCTP, HFSP

Coordination and Support Actions in the Capacities Programme

→ EDF – European Development Fund

→ ...

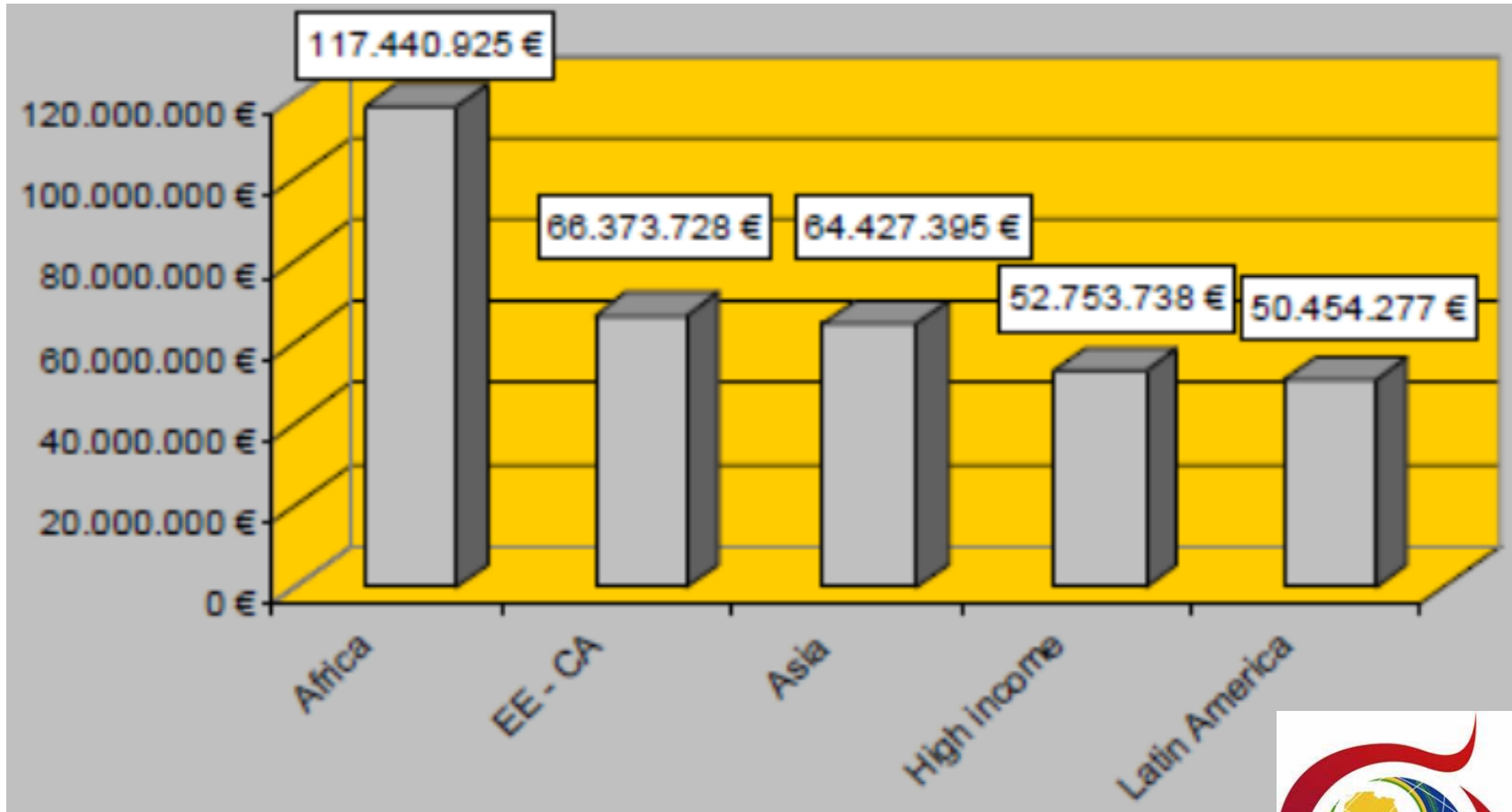


FP7 EU-Africa Related Projects

- About 800 African participations
- Contribution to African participants approx. 150 M€
- FP7 Africa Call 2010 (67 M€)
Food, Agriculture, Fisheries and Biotechnologies
- EDCTP – European and Developing Countries Clinical Trials Platform
- Nets and Coordination and Support Actions
 - S&T Europe Africa Programme (ST-EAP) • INCONet for Africa (CAAST-Net) • INCONet for Mediterranean countries (MIRA)
 - ERAfrica • IST Africa • el-Africa • EuroAfrica-P8
 - BRAGMA



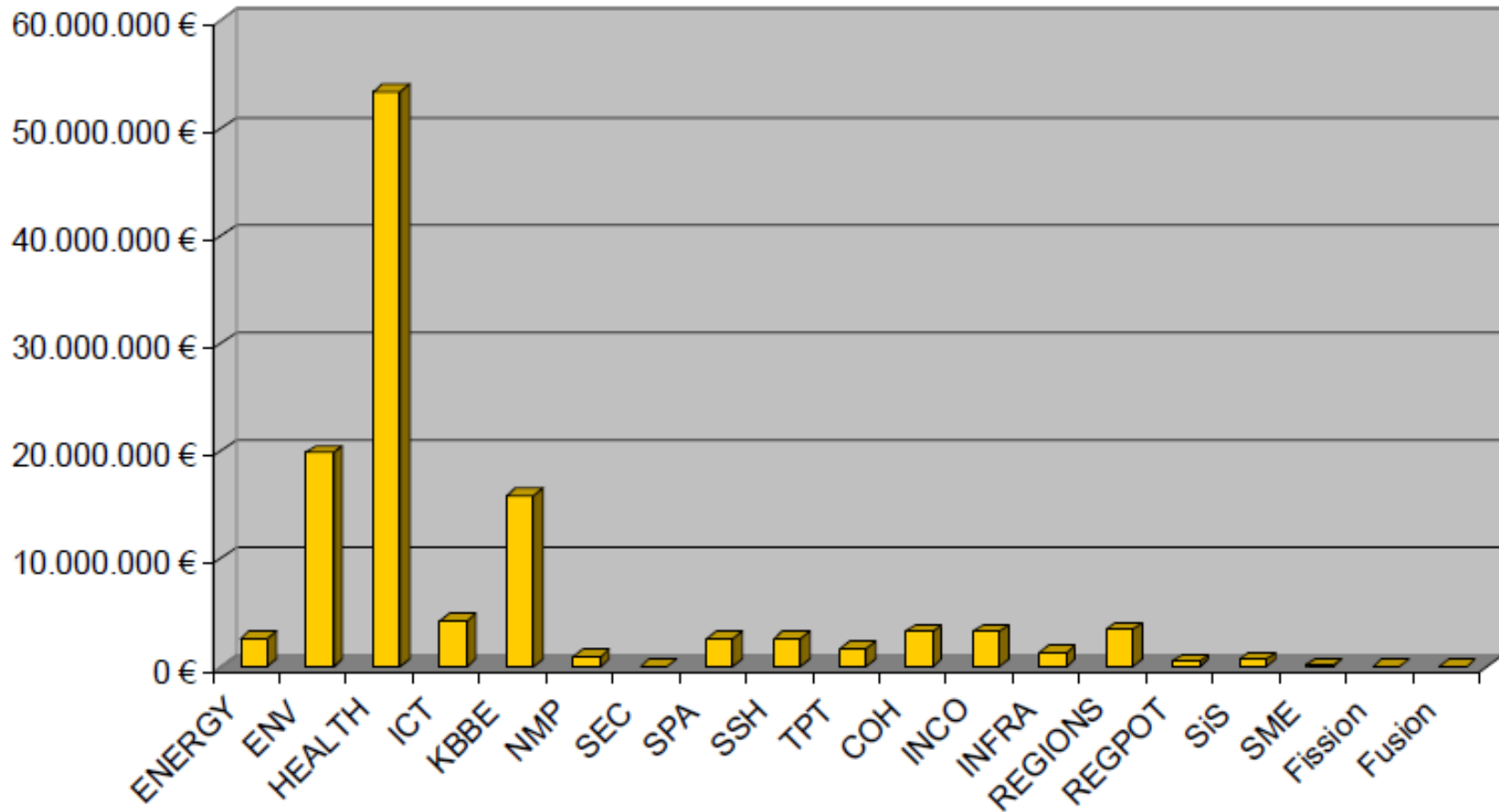
FP7 Contributions to Participants from External Countries – signed contracts per region



Source: DG Research and Innovation, European Commission, Oct 2011



FP7 Contributions to Participants from External Countries – signed contracts per theme



Source: DG Research and Innovation, European Commission, Oct 2011

Main EDF EU-Africa Related Projects

- **AfricaConnect (12 M€)**
Connection of Eastern and Southern Africa NRENs to European GEANT
- **African Union Research Grants (15 M€)**
1st Call (7 M€): Water and Sanitation, Post-harvest and Agriculture, Renewable and Sustainable Energy
- **ACP S&T II Programme (EUR 23 M€)**
Future Call for Proposals to provide further support to African capacity building for R&I, especially in the areas of agriculture and energy
- **HIPSSA – Harmonization of ICT Policies in Sub-Sahara Africa (8.5 M€)**
Harmonisation of ICT Policies in Sub-Saharan Africa
- **MESA – Monitoring for Environment and Security in Africa (37 M€)**



GOVERNANCE



EU-Africa Partnership Overall Governance

- **Africa-EU Ministerial Troika (biannual)**
with inputs from sector-specific Ministerial Troikas
- **College-to-College (C2C) Commissioners Meetings**
- **Joint AU-EU Task Force (JTF) (6-monthly)**
AUC, EUC and EEAS, Parliaments, African and EU JEGs co-chairs, chefs de files, RECs, private sector and civil society representatives (for the African side through AU-ECOSOCC)
- **Joint Experts Groups (JEGs)**
Implementation Follow Up of each of the 8 Partnerships
- **Implementation Coordination in EU**
Jointly COM and EEAS



EU-Africa 8th Partnership Governance

- **Co-Chairs (MS):** EU (Luis Magalhães, **Portugal**), AU (Rached Hamza, **Tunisia**)
- **Joint Experts Group of 8th Partnership (JEG8)**
- **European Experts Group of 8th Partnership (EEG8)**
EU members of JEG8 (no African counterpart)
 - EEG8 Sub-group for Science (Chair: France)
 - EEG8 Sub-group for Information Society (Chair: Finland)
 - EEG8 Sub-group for Space (Chair: Portugal)



MAIN EXPECTED OUTCOMES AND THEMATIC ACTIVITIES in Action Plan II



EU-Africa 8th Partnership Action Plan II

Science

Main expected outcomes are the **strengthening of:**

- African S&T **capacities** and EU capacities for working with Africa
- **Training** of African and EU scientists, technicians and engineers
- **Exchange** programmes
- Pan-African **infrastructure and facilities** for R&D
- S&T **cooperation** (bilateral, bi-regional, bi-continental, REC-level)
- **Innovation capability** of African and European SMEs
- **STI evidence-based AU-EU policy making**, including **Africa STI observatory**



EU-Africa 8th Partnership Action Plan II

Science

Thematic activities include:

- **African Research Grants Initiative**
- **African SMEs and Business Incubators network Lighthouse project**
- **African high quality research infrastructures**
- **African brain-gain programme**
- **Capacity building** in R&D and R&D policy in Africa and EU
- Focus on the grand challenges faced by Africa and Europe, e.g.,
Climate Change / Energy, Sustainable Agriculture and National Resources Management, Desertification and Forestry, Water and Food Security, Health



EU-Africa 8th Partnership Action Plan II

Information Society

Main expected outcomes are the **strengthening** of:

- **Inclusive** and **affordable access** and **use** of ICT applications and services in order to fast-track the MDGs objectives, notably in **health** and **education**
- Cooperation on **digital economy** and **reduction of the digital divide**
- African economy **competitiveness** through ICT uptake and innovation
- **Consultations** on African-EU positions and approaches in international and regional ICT *fora*
- **Mutually beneficial economic collaboration** AU-EU on ICT industry



EU-Africa 8th Partnership Action Plan II

Information Society

Thematic activities include:

- Developing **Research and Education Networks (RENs)** interconnecting the European GEANT to African regional networks and progressing to a **pan-African REN**
- Pursuing the **Harmonisation of ICT Policies in Sub-Saharan Africa (HIPSSA)**
- **Sharing of ICT best practices and successful PPPs**, and improving the links of local/national/regional initiatives with international financing institutions
- Designing initiatives on **digital literacy, e-skills, local digital content, applications with high socio-economic impact**
- Promoting ICT **business incubators** and **Living Labs**



EU-Africa 8th Partnership Action Plan II

Space

Main expected outcomes are the strengthening of:

- **Pan-African Institutions** in space technology and applications
- **Integration of space-related issues** in areas such as **navigation, telecommunications and Earth observation for the environment and resource management, climate change, peace and security**
- **Specific projects based on existing space infrastructure (such as telemedicine)** to achieve **regional and global development goals**



EU-Africa 8th Partnership Action Plan II

Space

Thematic activities include:

- **Global Monitoring for Environment and Security (GMES) and Africa:**
Pursue the process initiated by the Lisbon Summit of 2007
- **African Geodetic Reference Frame (AFREF)** for projects requiring geo-referencing
- **Space-based applications and technologies** in support of **development goals**
- Assess the feasibility of an **African Space Agency**



**ULTIMATE GOALS
MUST BE
CENTRED ON PEOPLE**



EU-Africa 8th Partnership

Ultimate Goals Must be Centred on **PEOPLE**

- Importance of S&T and Information Society to the **knowledge based economy** and to the **benefit of Africa and Europe PEOPLE**
- Scientific cooperation is built on strong relationships of **TRUST** and **CONFIDENCE** for high quality **collaborative work**, and stands on the adoption of appropriate processes for their **sustainability**.

TRUST and **CONFIDENCE** ultimately depend on **PERSONAL relationships** between researchers, and on **Knowledge Networks** involving research institutions, universities and enterprises.

The **best possible framework** must be established for **BOTTOM UP** collaborations to flourish and to produce excellent research contributions to **SCIENCE, SOCIETY** and **ECONOMY**.

