



La coopération internationale dans HORIZON 2020

Réunion d'information et de mobilisation

Paris, 6 Mars 2014

Ms Angela LIBERATORE

Chef d'Unité Adjoint: Voisinage européen, Afrique et Golfe
DG Recherche & Innovation- Commission Européenne

HORIZON 2020

What is Horizon 2020?

- **€79 billion research and innovation funding programme (2014-2020);**
- **A core part of major European strategies: Europe 2020, Innovation Union & European Research Area:**
 - Responding to the economic crisis to invest in future jobs and growth
 - Addressing people's concerns about their livelihoods, safety and environment

HORIZON 2020



"Enhancing and focusing EU international cooperation in research and innovation: a strategic approach" (COM(2012)497





HORIZON 2020 Open to the world



➤ GENERAL OPENNESS

Horizon 2020 is fully open to third country participants, allowing researchers to cooperate with the best brains across the world!

➤ **Targeted international cooperation activities:**

(topics clearly identified in the H2020 participant portal website)

■ Regular calls for proposals

- **topics inviting projects** where third country participation is required and/or encouraged
- **topics stimulating networking** between existing projects

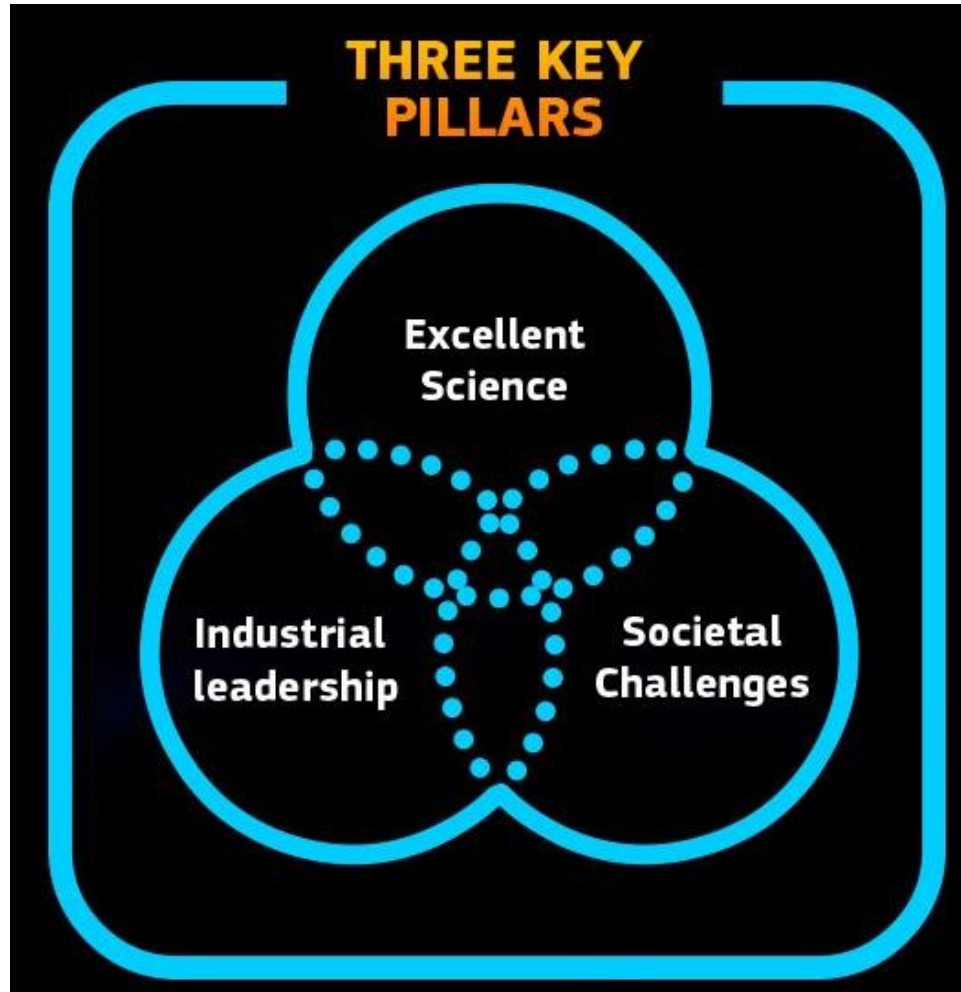
■ Joint initiatives of Union and International partners

(bilateral coordinated/joint calls; multi-lateral initiatives; contribution of Union to third country/international organisations; ERA-Net; Art. 185, etc.)

- **And horizontal activities to promote the strategic development of international cooperation - policy dialogues, networking activities, etc. (in Societal Challenges "Europe in a changing world - inclusive, innovative and reflective societies")**



European
Commission



Priority 1. Excellent science: Open to the world topics

European Research Council (ERC)

Supporting top researchers from anywhere in the world (if research is undertaken in Member State or Associated country)

Future and Emerging Technologies

Supports visionary thinking through collaborations between science and engineering

Marie Skłodowska-Curie actions (MSCA)

Opportunities for training and career development

Research infrastructures (including e-infrastructure)

Ensuring access to world-class facilities

Priority 2. Industrial leadership

Open to the world topics

Leadership in enabling and industrial technologies (LEITs)

Emphasising to key industrial competences like Information and Communications Technology and Space

Innovation in SMEs

SME business model innovation (2015)

Priority 3. Societal challenges

Open to the world topics

Health, demographic change and wellbeing

Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the Bioeconomy

Secure, clean and efficient energy

Smart, green and integrated transport

Climate action, environment, resource efficiency and raw materials

Inclusive, innovative and reflective societies

Secure societies

Eligibility for funding- General rules

- Applicants from non-EU countries are **always welcome to apply** to Horizon 2020 programmes – even if the call for proposals or topic text do not state this explicitly.
- They are **not always automatically entitled to funding**.
- **All applications must meet the minimum conditions in the Rules for Participation**

Automatically eligible for funding:

- *EU-Member States*
- *The Overseas Countries and Territories (OCT) linked to MS*
- *Horizon 2020 associated countries (check website)*
- *Non-EU applicants listed in the Work Programme (Annex A)*
- *International European interest organisations*

For applicants that are **not automatically eligible** (including international organisations):

Funding possible if:

- *provided for under a bilateral scientific and technological agreement*
- *stated in the Work Programme*
- *participation of an entity is essential (e.g. outstanding competence/expertise, access to research infrastructure, access to particular geographical environments, access to data)*

Rules for Participation

Minimum Conditions:

- *For standard research projects*
 - ✓ *Group of independent legal entities (min 3 in different MS or AC) - Consortium*
- *For other programmes, like European Research Council (ERC), Marie Skłodowska-Curie Actions (MSCA) on training and mobility*
 - ✓ *1 researcher > 1 host institution > 1 project*

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020



Euro- Mediterranean Cooperation

Research and
Innovation

Current Status: Policy background

Changing Neighbourhood > New response

- Development of Common Knowledge and Innovation Space (CKIS)
- New approach to cooperation:
Mutual benefit, mutual interest, accountability and differentiation

New impetus given by the Euro-Mediterranean Conference for Research and Innovation held in Barcelona (2-3/04/2012)

- Thematic areas addressed: water, energy, health, transport & marine sciences.
- Key cross-cutting issues addressed: Innovation, changing society, coordination of programmes, infrastructure, mobility

Current initiative of the EU Member States and MPCs to have a **renewed Partnership** agreed on the principle of **co-funding, mutual interest and mutual benefit**, including through a possible Article 185 TFEU.

Euro-Mediterranean Policy Context in R&I

Bilateral policy dialogues

5 S&T agreements: Algeria, Egypt, Jordan, Morocco, Tunisia
2 association agreements: Israel, Turkey

Bi-regional policy dialogue

Euro-Mediterranean Group of Senior Officials in Research and Innovation (EU-Med GSO)

(Previously MoCo - The Monitoring Committee for Euro-Mediterranean Cooperation in RTD)

18 meetings since 1995

Ministerial conference

1st Euro-Mediterranean Ministerial Conference on Higher Education and Research, Cairo in June 2007

Looking back at FP7

Projects

- About **300** FP7 funded **projects**
- Success rate: **13%**
- **704 million** EUR - EU contribution to the projects
- **62 million** EUR - EU contribution to the South Mediterranean partners
- **586** participations of public and private South Mediterranean institutions

Main thematic areas of cooperation:

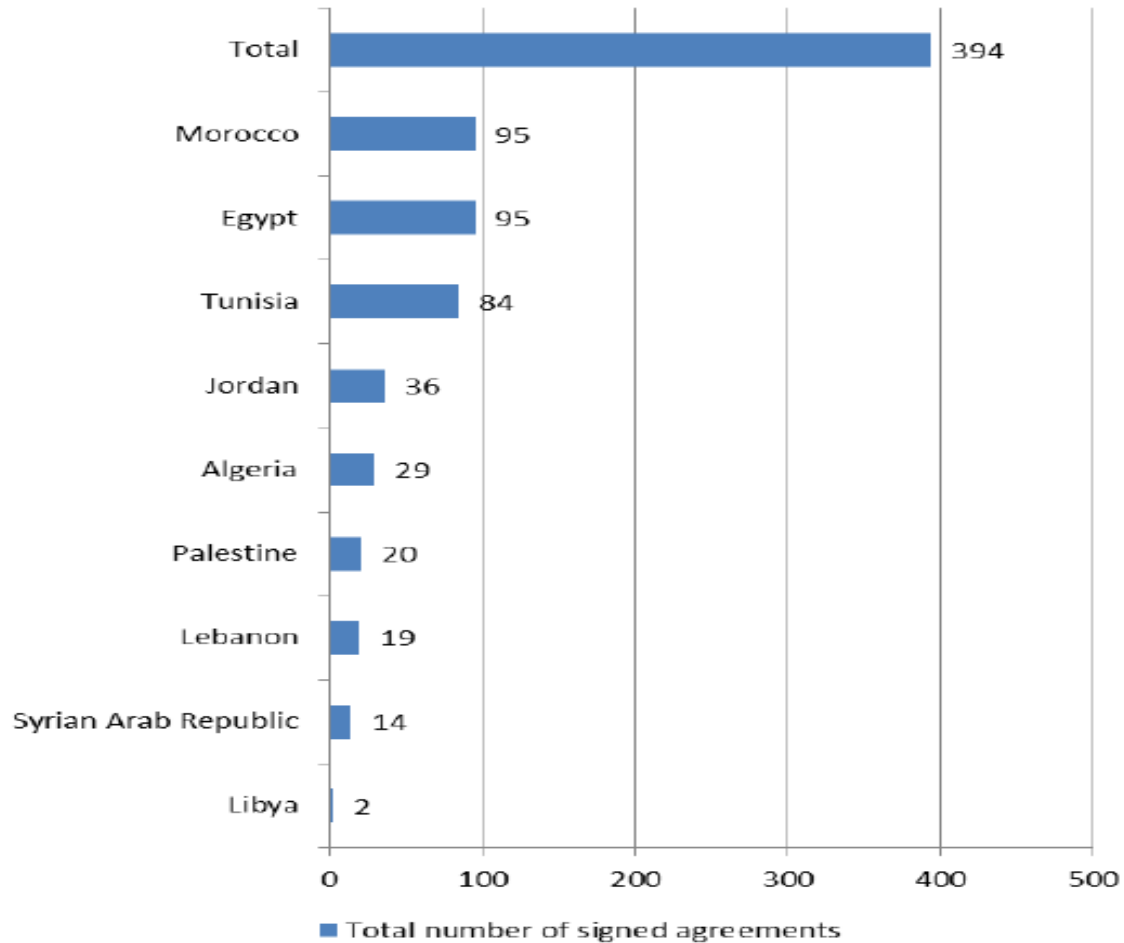
Knowledge Based Bio-Economy, Environment, Information Communication Technology

INCO projects:

- *Support to bilateral activities (Bilats)*
- *Support to regional platforms INCO-Nets (MIRA/MedSPRING)*
- *Building competence in research labs (ERA-WIDEs)*
- *ERA-NET (ERANETMED)*
- *Bridging the gap between research and innovation (R2I)*

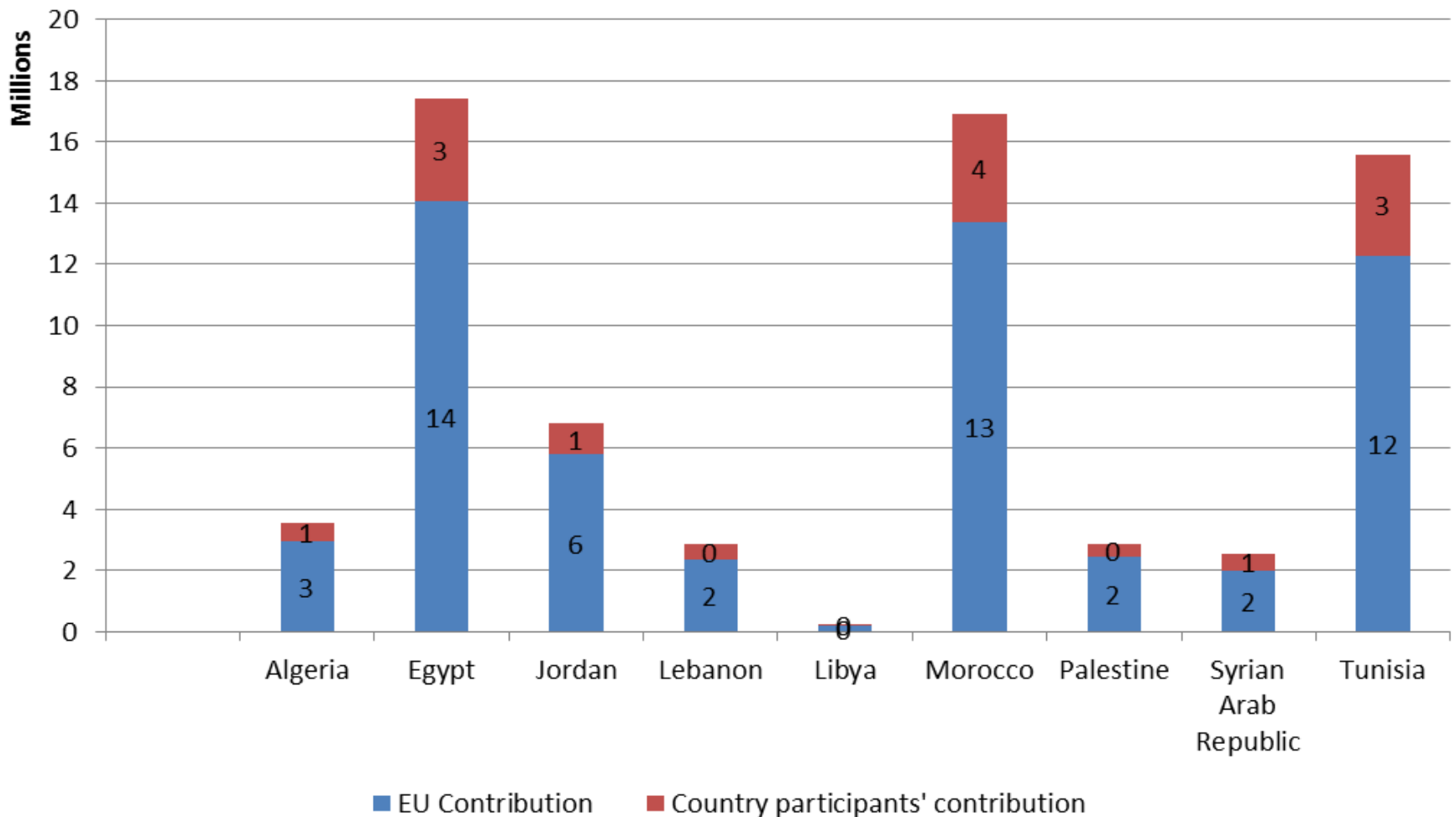
Looking back at FP 7

Total number of signed agreements



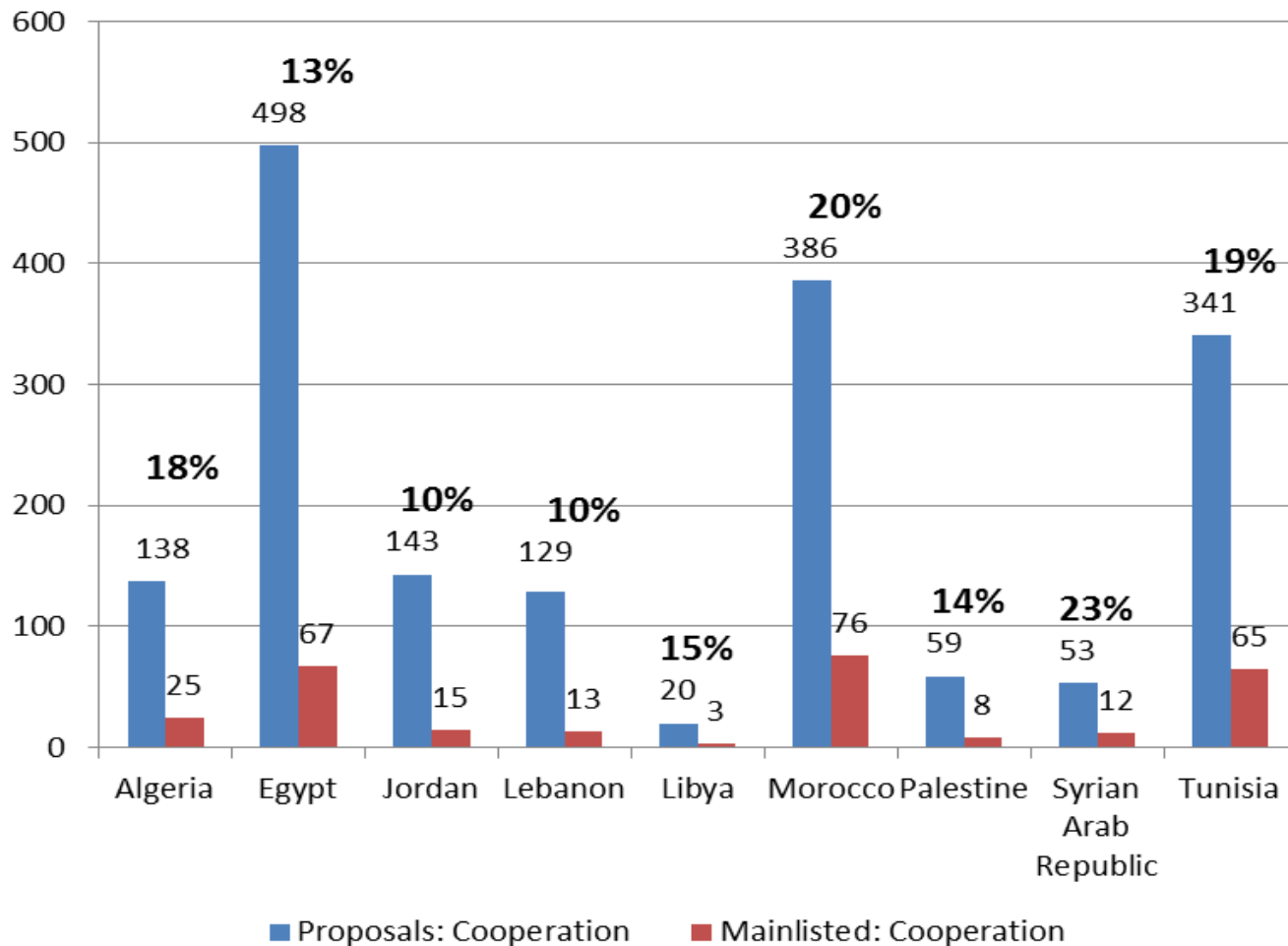
Looking back at FP 7

EU and S.MED participant financial contribution (€m)



Looking back at FP 7

Cooperation - Proposals success rate (%)



Synergies with the European Neighbourhood Partnership Instrument (ENPI)

The ENPI supports research capacity building through the implementation of Research Development and Innovation Programme (RDI):



Algeria (21 M€),
Egypt (11 M€ + 20 M€),
Jordan (5+5 M€),
Morocco (1.35 M€),
Tunisia (12 M€)

Analysis* of First Call for Proposals of Horizon 2020 (Published Dec 2013)

*Developed by Medspring

Examples of topics of potential thematic interest for the
Mediterranean Partner Countries

1. Geographic direct relevance (mention in the call text of
'Mediterranean')
2. Geographic indirect relevance

1. List of Topics with direct geographic relevance

- Encouraging the research and innovation cooperation between the Union and selected regional partners (**INT 2 – Middle East 2014/ South Med 2015**) –note, policy support, **NOT research !**
- Re-invigorating the partnership between the two shores of the Mediterranean (**INT 6 – 2015**)
- Towards a new geopolitical order in the South and East Mediterranean (**INT 7 -2015**)
- The European Union, Turkey and its wider neighbourhood: challenges and opportunities (**INT 9 - 2015**)

1. List of Topics with direct geographic relevance

- Coordinating and supporting Earth Observation research and innovation in the EU, and in the North African, Middle East, and Balkan region (**SC-18-2014/2015**)
- Development of water supply and sanitation technology, with focus on non-EU MED countries and Africa (**WATER-5-2014/2015**)

2. List of Topics with indirect geographic relevance

Call: Support to Innovation, Human resources, Policy and International cooperation

- International cooperation for research infrastructures (**INFRASUPP 6 – 2014**)
- Sustainable intensification pathways of agro-food systems in Africa (**Sustainable Food Security 6 – 2014**)
- Small farms but global markets: the role of small and family farms in food and nutrition security (**Sustainable Food Security 18 – 2015**)
- Unlocking the growth potential of rural areas through enhanced governance and social innovation (**Innovative Sustainable Inclusive Bio-economy 3 – 2015**)
- Smarter design, construction and maintenance (**Mobility for Growth .8.1-2014**)

2. List of Topics with indirect geographic relevance

Call: Growing a Low Carbon, Resource Efficient Economy with a Sustainable Supply of Raw Materials

- Coordinating and supporting raw materials research and innovation (**SC-5-13-2014/2015**)
- Coordinating and supporting research and innovation in the area of climate action, environment, resource efficiency and raw materials (**SC5-19-2014/2015**)

Programs available at <http://ec.europa.eu/programmes/horizon2020/en>

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020



EU-Africa High Level Policy Dialogue on STI

Research and Innovation

EU-Africa High Level Policy Dialogue (HLPD) second meeting

- Brussels on 28-29 November 2013.
- It was attended by senior officials from around 15 EU and 20 AU countries.
- Agreement was reached on the conclusions and the way forward.

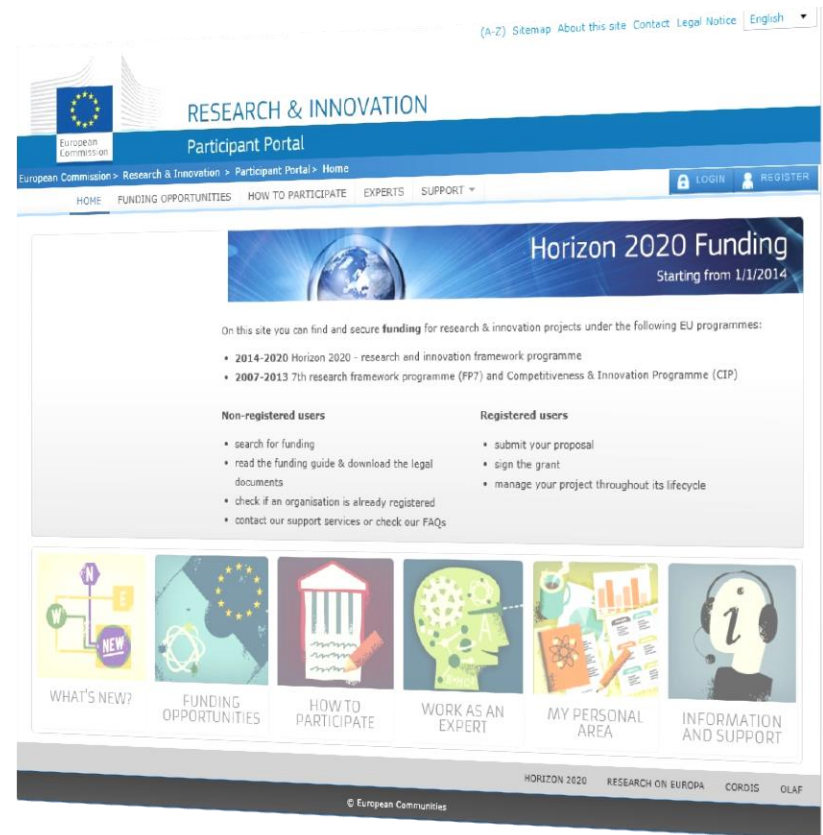
Supported by work of important projects funded under FP7: ERAfrica, CAASTNETPlus

"EU-Africa High Level Policy Dialogue on STI" (Brussels, 28-29 Nov. 2013) as a model in the future

- Agreement to work towards a "long-term jointly funded research and innovation partnership"
- Agreement on first priority: role of STI in promoting food and nutrition security and sustainable agriculture
- Equal partnership and co-ownership of priority-setting with African Union Commission and its MS
- Close partnership with EU MS (also through SFIC)

Where to find more information and where to apply?

- **H2020 Participant Portal**
Research & Innovation
European Commission
<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>
http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/3cpart/h2020-hi-3cpart_en.pdf
- <http://ec.europa.eu/programmes/horizon2020/>
- **DG Research&Innovation**
European Commission
<http://ec.europa.eu/research/index.cfm>
- http://ec.europa.eu/research/iscp/pdf/neighbourhood_policy.pdf
- **National Contact Points**
(listed in the Participant portal)
Project Incontact 2020
http://www.ncp-incontact.eu/nkswiki/index.php?title=Main_Page





HORIZON 2020

**DG Research & Innovation
International Cooperation**

Open to the world!



Thank you

Find out more:
www.ec.europa.eu/horizon2020

HORIZON 2020