

How to Access Relevant Funding Sources, in Practice? Presenting Horizon2020

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caast-net-plus.org

Building Bi-regional Partnerships for Global Challenges



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Outline

- Introduction
- CAAST-Net Plus Work Package 5
- Horizon 2020
- Societal Challenges
- Getting into Horizon 2020
- Conclusion

CAAST-Net Plus Work Package 5

Objectives & Leaders

1. Raise the level of awareness about **Horizon 2020** among African and European STI research communities, but also of other significant programmes supporting bi-regional cooperation and their opportunities for cooperation, particularly around global challenges.
2. Support the enlargement of the **NCP network** in Africa.
3. Conduct **analysis** and **monitoring** of Africa-Europe cooperation in key themes
 - ⇒ For Africa, knowing about **funding opportunities** is critical for research and innovation
 - ⇒ **Leaders** – University of Finland, FORTH (Greece) & STEPRI

Horizon 2020

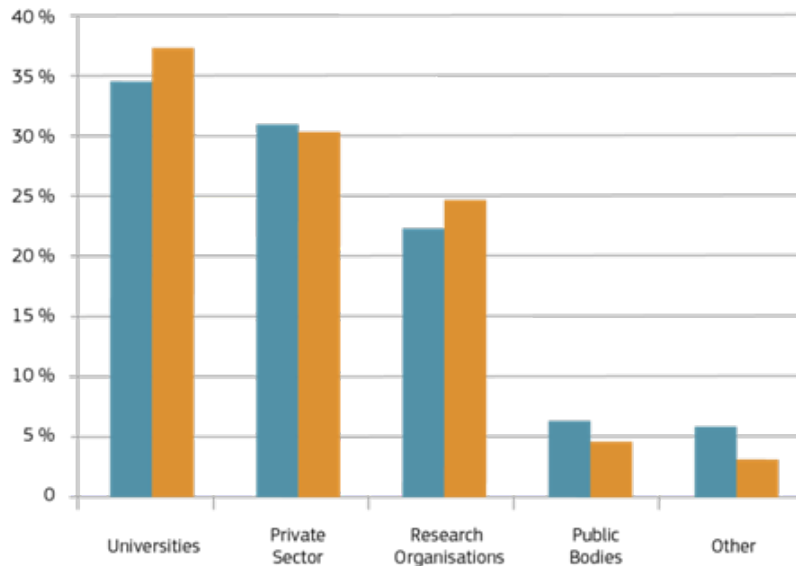
- 8th framework programme funding research, technological development, and innovation.
- Primarily for the **European Union** and associated members
- 2014 – 2020 (7 years)
- Horizon 2020 most open funding programme in the world with about **€80 billion**
- General principle of openness to international cooperation partners
- Targeted international activities

Some Basics Stats. of Horizon 2020

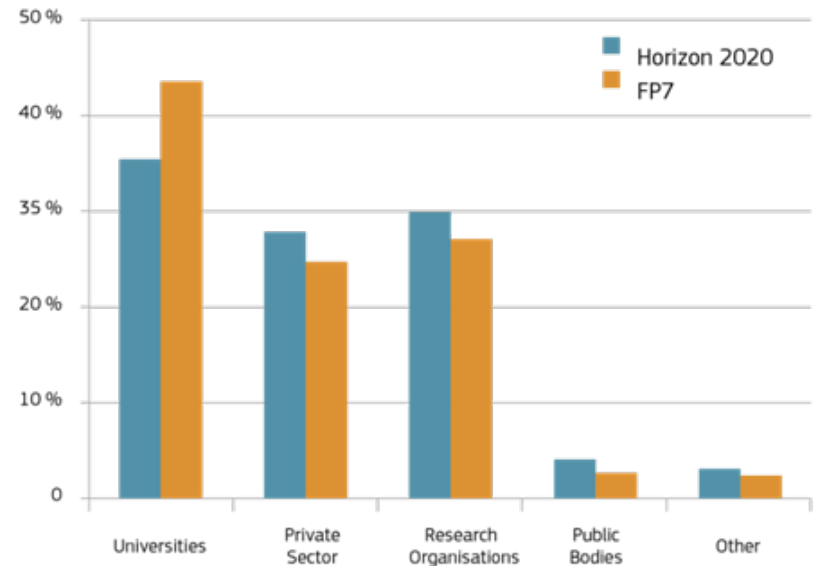
- A total of 36 732 eligible proposals were submitted under Horizon 2020's first 100 calls;
- 4 315 proposals were retained for funding;
- Overall success rate under the first 100 calls is around 14%, compared with around 20% for the whole of FP7;
- 38% of successful applicants were newcomers (compared to 13% in 2013, the last year of FP7), of which 1 100 were SMEs.

Horizon 2020 and FP7

Share of participations in signed grant agreements
per type of organisation:
Horizon 2020 compared with FP7



Share of EU financial contribution in signed grant agreements
per type of organisation:
Horizon 2020 compared with FP7



Horizon 2020

- Provides grants to research and innovation projects through open and competitive calls for proposals. Three main pillars namely:

EXCELLENT SCIENCE (€24 bi)

- European Research Council
- Marie Skłodowska Curie Actions
- Future & Emerging Technologies (FET)

INDUSTRIAL LEADERSHIP (€14 bi)

- Leadership in enabling and industrial technologies (LEIT)
- Access to risk finance
- Innovation in SMEs

SOCIETAL CHALLENGES (€31 bi)

- * Health, demographic change & wellbeing
- Food security, sustainable agriculture, marine and maritime research & bioeconomy
- Secure, clean & efficient energy
- Smart, green and integrated transport
- Climate action, resource efficiency and raw materials
- Europe in a Changing World
- Secure societies

SC- Climate action, environment, resource efficiency, and raw materials

- Main goal - help increase European competitiveness, raw materials security and improve wellbeing while assuring environmental integrity, resilience and sustainability (keeping average global warming below 2° C and enabling ecosystems and society to adapt to climate change and other environmental changes). Specific objectives:
 - Achieve a resource – and water - efficient and climate change resilient economy and society,
 - The protection and sustainable management of natural resources and ecosystems, and
 - Sustainable supply and use of raw materials, in order to meet the needs of a growing global population within the sustainable limits of the planet's natural resources and eco-systems.
- **Rationale** - ???

Rationale

Global market for eco-innovation is worth around €1 trillion per annum and expected to triple by 2030; eco-innovation represents a major opportunity to boost competitiveness and job creation



Examples of Several Calls of Climate Change (Please search!)

Topic of Call	Remarks	Deadlines
Demonstrating innovative nature-based solutions in cities: 72% of the European population consume 75% global energy emitting 80% of greenhouse gases	1 st stage 2 nd stage planned 08 Nov.	06 Sept. 2016 07 March 2017 05 Sept. 2017
Smart Cities and Communities lighthouse projects: Aimed at successful transformation towards intelligent, user-driven and demand-oriented city infrastructures and services.	Planned opening date: October 2016	14 Feb. 2017
Exploiting the added value of climate services: build the intelligence behind transition, through the transformation of the wealth of data, information, model output and other methodologies.	Open now. Opens again on 08 Nov. 2016	06 Sept. 2016 07 March 2017
Valorisation of waste heat in industrial systems (SPIRE PPP):	Opens again on 26 July 2016	19 Jan. 2017

Any Opportunities for Africa?

Why Not?



Abuja-Accra-Nairobi-Addis-Ababa-Kigali-Can be Smart!



Getting into Horizon 2020

Becoming Member of Consortium1

- **Most** EU funding (except ERC) requires a consortium of European and other partners.
- The size of the consortium varies depending on the type of action funding the project, and the scope of the call
- For standard research projects, a minimum of **three** legal entities from different member states or associated countries. CAAST-Net has 25 members in the consortium.
- Often require partners with particular competences, facilities or experience
- Cross-sectoral collaboration is particularly encouraged
- How do **African partners** get into consortium?

Becoming Member of Consortium 2

- Networking is fundamental to getting involved in consortium
- There are many different ways to get started:
 - Find out who could be your potential partners from your existing contacts
 - Browse the Horizon 2020 Portal; use the internet
 - Attend Information Sessions and workshops
 - Get to know the relevant National Contact Points/ send specific enquiries to the NCPS

Becoming Member of Consortium 3

1. Note the use of online databases: Identify **what has been previously funded in your area** to get an idea of what is fundable and the project scale.
 - Use [CORDIS EU project search facility](http://cordis.europa.eu/projects/home_en.html) (http://cordis.europa.eu/projects/home_en.html)
 - Visit the EU project websites
 - Do you know any of the participants? Should you know any of the participants? Who are the leaders in that field that interest you?
2. **Try to get to know the right people**: Gather intelligence: Are they members of particular groups or associations? Are they collaborating with anyone that you know?

Becoming Member of Consortium 4

Identify the people you want to partner with, then:

- Put together a one page summary of your project idea and contact them **by email**
- If they have a **LinkedIn** account try to contact them so they may look at your profile before you email them
- **Attend meetings or conferences** that they may be attending
- **Organise your own symposium** and invite potential collaborators
- Try to get an **introduction via a shared collaborator**
- Join a **relevant group or association**
- Ask your **National Contact Point** for help (Who is **NCP**?)

National Contact Point

- *“Highly professional support services operating **nationally** will form an essential component of Horizon 2020 implementation. By spreading **awareness**, giving **specialist advice**, and providing on-the-ground **guidance**, they will ensure that the new programme becomes known and readily accessible to all **potential applicants**, irrespective of sector or discipline”.*

National Contact Point

- **The Basic Services**

- These should be available in accordance with the minimum standards and guiding principles:
 - Guidance on choosing thematic priorities and instruments
 - Advice on administrative procedures and contractual issues
 - Training and assistance on proposal writing
 - Distribution of EC documentation (forms, guidelines, manuals etc.)
 - **Assistance in partner search and networking**

NCPs in Countries

- Algeria – 1
- Angola - 2
- Burkina Faso - 1
- Cameroon – 1
- Cape Verde - 1
- Egypt – 7
- Ethiopia - 2
- Gambia – 1
- Ghana – 13
- Kenya – 3

NCPs in Countries

- Lesotho – 9
- Malawi – 7
- Morocco – 1
- Senegal – 1
- South Africa – 20
- South Sudan – 1
- Tunisia – 1
- Uganda – 9
- Zimbabwe – 1
- South Africa – 20

Working on the Proposal 1

- Two parts – Administrative and Research
- Part 1: Administrative and organisational information;
- Part 2: Research proposal
- Excellence (science)
- Impact
- Quality and efficiency of implementation (e.g. work packages, deliverables, milestones)
- Members of the consortium
- Ethics and security issues

Working on the Proposal 2

- You need to be fully engaged with the process of working on the proposal
- Work diligently with your parts on the proposal
- Be truly part of the consortium – alert to the need to deliver your inputs on time!
- Know that one **success** leads to another – not just in Horizon 2020 but in others.
- Treasure your contacts, sustain your networks.

Use the Free Online Resources

- Horizon 2020: <http://ec.europa.eu/programmes/horizon2020/>
- International Cooperation Programmes: https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/ftags/international_cooperation.html#c,topics=flags/s/IntlCoop/1/1&+callDeadline/desc
- 2016-2017 Draft Work Programmes: <http://www.eurida-research.com/horizon-2020-news/news-18/index.html>
- Use **CORDIS EU project search facility**
(http://cordis.europa.eu/projects/home_en.html)

Thank you
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