EU funding opportunities and support by the EU-office

Margo Baele - Ghent University EU-office - 18-02-2020



Horizon 2020 (2014 – 2022)



Excellent Science

- European
 Research Council
 (ERC)
- Future and Emerging Technologies (FET)
- Marie-Sklodowska Curie Actions (MSCA)
- Research Infrastructures (RI)

Industrial Leadership

- LEIT:
 - ICT
 - NMBP
 - Space
- Access to Risk Finance
- SME instrument
- Fast Track to Innovation (FTI)

Societal Challenges

- SC1: Health
- SC2: Bio-economy
- SC3: Energy
- SC4: Transport
- SC5: Climate change
- SC6:Inclusive societies
- SC7: Secure societies

Widening Participation and Spreading Excellence (Widespread)

Science with and for Society (SwafS)



EIT

Knowledge and Innovation Communities (KICs)

JRC
Joint Research Centre

EURATOM

Horizon Europe (2021 – 2027)

Pillar 2 Pillar 1 Pillar 3 Global Challenges and **Excellent Science Innovative Europe** European Industrial Competitiveness Health **European Research Council European Innovation Council** · Culture, Creativity and **Inclusive Society** Inclusive Society Civil Security for Society Digital, Industry and Space Climate, Energy and Mobility **European innovation** Marie Skłodowska-Curie ecosystems **Actions** · Food, Bioeconomy, Natural Resources, Agriculture and **European Institute of Environment** Innovation **Research Infrastructures** and Technology Joint Research Centre Widening Participation and Strengthening the European Research Area Widening participation and spreading excellence Reforming and Enhancing the European R&I system

Funding & Tender Portal

rd Health Programme (3HP)	Asylum, Migration and Integration Fund (AMIF)	Consumer Programme (CP)	Creative Europe (CREA)	European Defence Industrial Development Programme (EDIDP)	EU Aid Volunteers Programme (EUAID)	Erasmus+ Programme (EPLUS)	Europe For Citizens (EFC)
uropean Maritime and Fisheries und (EMFF)	European Statistics (ESTAT)	EU External Action (RELEX)	HERCULE III (HERC)	Horizon 2020 Framework Programme (H2020)	Support for information measures relating to the common agricultural policy (IMCAP)	Internal Security Fund Borders and Visa (ISFB)	Internal Security Fund Police (ISFP)
ustice Programme (JUST)	Pilot Projects and Preparatory Actions (PPPA)	Programme for the Competitiveness of Enterprises and small and medium-sized enterprises (COSME)	Programme for the Environment and Climate Action (LIFE)	Promotion of Agricultural Products (AGRIP)	Research Fund for Coal & Steel (RFCS)	Rights, Equality and Citizenship Programme (REC)	Union Civil Protection Mechanis (UCPM)
rogramming Period 2007-2013	Overview of EU funding						



International cooperation

International cooperation "Open to the world"

Horizon 2020 is **Open to the World**. This means that participants from all over the world, regardless of their place of establishment or residence, can participate in most of the calls of Horizon 2020. Furthermore, in many cases, the EU will fund at least partly the participation of the international partners (see below).

Encouraging International Cooperation

In addition to this general openness of most Horizon 2020 calls to non-EU researchers, many calls particularly encourage cooperation with non-EU partners. All calls are published in bi-annual "Work Programmes" and can be found in the International cooperation topic page.

Horizon 2020 offers opportunities for

- Collaborative research & innovation projects: carried out by consortia of organisations working together on specific research & innovation areas. A consortium must include at least 3 participants from 3 different EU Member States or Associated countries. In addition to these three partners, any legal entity from anywhere in the world can be included in the consortium.
- Individual researcher projects: The European Research Council and the Marie Skłodowska-Curie actions offer unparalleled funding opportunities for individual researchers who want to work in Europe.



Horizon 2020 – Open to the world

Applicants from non-EU countries <u>can take part</u> in H2020 programmes (even if the call or topic does not state this explicitly)



- Developing countries
 - automatically eligible for funding
 - see full list of countries in Annex A of the Horizon 2020 Work Programmes
- Industrialised countries and emerging economies
 - have to find the resources for their part of the action
 - several countries have created co-funding mechanisms
 - In exceptional circumstances, EU funding can be received if:
 - there is a bilateral agreement between that country and the EU
 - the country is explicitly identified in the relevant work programme and call for proposal as being eligible for funding
 - their participation is deemed by the European Commission to be essential for carrying out the action.



Individual Grants



Marie Skłodowska Curie Fellowships

Characteristics:

GHENT

- for experienced researchers from any nationality and age, with a PhD degree
- with a Host Institution in the EU or associated countries
- for mobility and training

Two types (Horizon 2020)

- European Fellowships (1-2 years)
 - For researchers moving within Europe, as well as those coming in from other parts of the world.
- Global Fellowships (2-3 years)
 - fund positions outside Europe for researchers which have been long-term European residents
 - researcher has to come back for last year to an organisation based in the EU or associated countries

<u>Deadline call 2020</u>: 9 September 2020

ERC grants

- Postdoc researchers of any nationality and career stage at EU host institution
- High-risk/high-gain blue-sky research, giant leap forward
- Excellent track record, ambition to become a world leader in the field

Type of Grant	Eligibility	Budget (mio euro)	Next deadline
Starting Grant (StG)	PhD obtained 2 to 7 years* before the call year	up to 1.5	First half of 2021?
Consolidator Grant (CoG)	PhD obtained 7 to 12 years* before the call year	up to 2	First half of 2021?
Advanced Grant (AdG)	PhD obtained more than 12 years before the call year	up to 2.5	26/08/2020
Synergy Grant (SyG)	2 – 4 PIs, any career stage	up to 10	No call in 2021



^{*} period can be extended (maternity leave, parental leave, clinical training, long-term illness)

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AFRICA-KENYA

European Research Council wants more African grantseekers

Reuben Kyama 05 April 2019







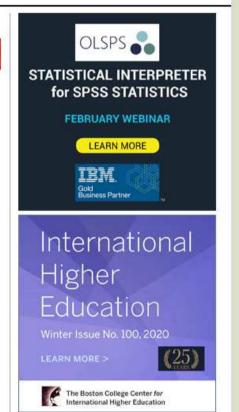


Too few African scholars are applying for research grants through the European Research Council (ERC), according to Professor Jean-Pierre Bourguignon, the council's president.

Visiting Nairobi, Kenva last month with representatives of the European Union to champion research cooperation and partnerships in research and innovation between Europe and Africa, Bourguignon said although he was impressed by the drive of African scientists, he lamented the small number of African applicants seeking the EU grants compared with the rest of the world.

"I feel that the number of Africans who receive the ERC grants is too small," he said during a day-long meeting at the African Academy of Sciences on 20 March.

"Probably, part of the problem is that the programme is not so well known, and that is partly the purpose of my visit," the France-born mathematician told University World News.



Top Stories Last Week



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Support for research visits to ERC Grantees

In line with its quest to increase international 'brain circulation' and to attract more talent to Europe, the ERC launched initiatives to encourage young scientists, supported by non-European funding agencies, to come on research visits to Europe joining the teams of ERC grantees. To date, 9 agreements have been signed:

- United States in 2012 (National Science Foundation, NSF)
- South Korea in 2013 (Government of Republic of Korea)
- Argentina in 2015 (National Scientific Technical Research Council, CONICET)
- Japan in 2015 (Japan Society for the Promotion of Science, JSPS)
- China in 2015 (National Natural Science Foundation of China, NSFC)
- South Africa in 2015 (National Research Foundation, NRF)
- Mexico in 2015 (Mexican National Council of Science and Technology, Conacyt)
- Brazil in 2016 (Brazilian National Council of State Funding Agencies, CONFAP)
- Canada in 2016 (Tri-agency Institutional Programs Secretariat)



Collaborative projects



How to start

- Understand the Horizon 2020 programme:
 - https://ec.europa.eu/programmes/horizon2020/en/what-horizon-2020
 - through our intranetsite (<u>in Dutch</u> / <u>in English</u>)
- Find an appropriate network (websites, conferences, social media ...)
- Read UGent's <u>BOZI</u> newsletter follow European research policy news
- Ensure sufficient time to work out the scope and write the grant application
- Use the support services of your <u>EU-office</u> to check your project idea
- Participate as a partner first, to learn how it works

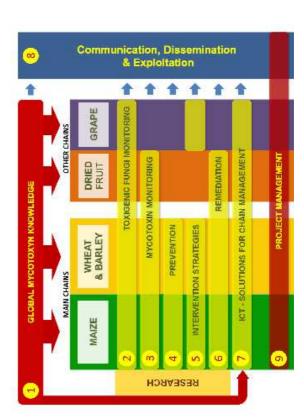


Find partners

- At least 3 partners, from at least 3 different EU MS or AC
 - EU <u>Member States</u> or <u>Associated Countries</u>
- No maximum number of partners
 - mostly between 8 and 15
 - Check the minimal / maximal budget contribution from the EU for your topic ~ amount of work to be done (number of partners)
- Keep it manageable!
- Look in previously funded <u>projects</u>
- Read the <u>advices</u> of the European Commission







MycoKey structure is based on:

Home > Mycokey structure

Mycokey structure

- a cross level considering communication and knowledge areas, by including processes for developing Integrated Information System tools, share knowledge, strengthen networking, awareness and apply an integrated mycotoxin control approach, focusing on main food chains.
- a vertical level considering the scientific research areas of risk monitoring, risk
 characterization, prevention, intervention and remediation. Scientific actions will be
 undertaken for the main target crops to resolve critical aspects on technical phases
 covering all steps along the chain: field, storage, processing, and transportation.

In this framework, feasible solutions will be mainly developed to wheat, maize, and barley, to be applied to other food chains where appropriate (i.e. dried fruits and grapes), in order to solve specific problems.

CLICK on bars to view WP details



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Autism Community Vour Research Vews V











Exploring the biology of autism to tailor treatments and develop new medicines

About Us

Autism Reps

Tweets by @Aims2Trials



TRIALS researcher Sven Bölte & PhD Using a new approach to study links immunological health problems than non-autistic people#autismresearch student Pei-Yin Pan found autistic between autism & health, AIMS-2people have more neurological & @imi_ju #H2020 aims-2trials.eu/2020/02/10/201.

PARTNERS

4 ∞



Twin-study shows neurological...

3

and the clinic by offering personalised approaches allow us to bridge the gap between basic biology investment than other conditions which also limit 'Many autistic people face extremely poor health life expectancy and quality of life. This grant will outcomes, yet autism research receives far less

Our Research

Publications

Latest news

Twin-study shows

COUNTRIES

YEARS

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This project has received funding from the Innovative Medicines Initiative 2 Joint Undertaking under grant agreement No 777394. This Joint Undertaking receives support from the European Union's Horizon 2020 research and innovation programme and EFPIA and AUTISM SPEAKS, Autistica, SFARI.















Marie Skłodowska Curie Actions

MSCA Doctorates – (former ITN - Innovative Training Networks)

- Network of universities + non-academic institutions
- For hiring up to 10 PhD-students (36 Mo): find positions on Euraxess
 - 15 PhD students if Joint PhD or Industrial PhD
- Research and training programme



Marie Skłodowska Curie Actions

MSCA Exchange (former RISE – Research and Innovation Staff Exchange)

- Network of universities + non-academic institutions throughout the world
- Funds short-term (one month to one year) intersectoral or international exchange of staff (no recruitment is funded)
- Research staff of any nationality and at any career level
- Goals: knowledge creation, sharing know-how, and skills development



Eligible costs

Staff costs

- Principal investigator, senior researchers, post-doc level
- Junior researchers, PhD-students
- → estimate costs through SAP

— Other direct costs:

- Lab consumables
- Travel and subsistence
- Equipment
- Publication costs
- Indirect costs (overhead): 25% on direct costs (excl. subcontracting)
 - For pc, office materials, other costs which cannot be directly allocated to the project

Exception:

Marie S. Curie Actions: Unit costs (for staff and working costs) per Person Month



Sources of information

European Commission DG Research & Innovation

- Horizon 2020 <u>website</u> Horizon 2020 <u>Participant</u>
 Portal
- ERC (European Research Council): http://erc.europa.eu
- Marie Skłodowska-Curie Actions:
 http://ec.europa.eu/research/mariecurieactions
- FAQ on H2020
- <u>europa.eu</u>: European policy in your field
- Funded EU-projects:
 http://cordis.europa.eu/projects/home_en.html

Ghent University

- UGent intranetsite (<u>in Dutch</u> / <u>in English</u>) on EU programmes and policy
- UGent SharePointsite <u>European Proposal support community</u>
- UGent intranetsite (in Dutch) on Societal Impact
- <u>UGent representatives</u> who follow up development of draft work programmes

Other organisations

- <u>UKRO</u>: newsletter on Horizon 2020 funding and policy Ghent University is a subscriber
- Hyperion: training on H2020 proposal writing



Support EU-office



The EU office











Tasks EU-office Policy and Strategy Legal advisors (1) Financial advisors (3) Project advisors (4) Advisors (3) (TechTransfer Office) Representation in Brussels Financial advice Legal support in proposal and Defend UGent's interests in EU policy Extensive support in Financial project stage development reporting Contract revision Disseminating EU policy news to relevant Advice on IPR issues research groups Support in developing an EU strategy Finding the right funding opportunity General advice on specific funding schemes Courses on H2020 Proposal support for coordinators Proposal support for coordinators Administrative and financial support in proposal and project stage Intake meeting at start of project

Support during entire project



Contact details

<u>EU-cel@UGent.be</u> - <u>search</u> your advisor

Research co-ordination office, Sint-Pietersnieuwstraat 25, 5th Floor

Policy and strategy – general advice

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