

Gerald Kern

FUNDING OPPORTUNITIES HEU-CLUSTER 1, 4, 5 & 6

13 September 2023

HORIZON EUROPE STATISTICS

- success rate of Austria in H2020: 17,3% (all states 15,3%)
- **success rate of Austria in HEU:** **22,8%** (all states 22,4%)

Austria	**RP7**	**H2020**	**HEU**
• **Participations**	2,6%	2,8%	3,0%
• **Funding**	2,6%	2,9%	3,2%

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FUNDING OPPORTUNITIES HEU-CLUSTER 1

Cluster 1 Health Work Programme 2024

- Single Stage Call:

Topics on e.g. bio-printing of living cells for regenerative medicine, pandemic prepardeness and response, methodological frameworks for clinical/performance evaluation

Deadline: 11 April 2024

https://www.ffg.at/sites/default/files/downloads/Topicliste_Gesundheit_Call2024_0.pdf

For further information, please contact:
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Innovative Health Initiative IHI:

- Single and Two-Stage Calls:

Topics on e.g. environmental impacts of healthcare, synthetic data, patient-centric blood sample collection, clinical trials, theranostics and 3Rs (replace, reduce, refine) the us of animals in research

Deadlines:

- Single Stage Call: 16 Jan 2024
- Two-stage Calls: 8 Nov 2023(1st stage), 23 April 2024 (2nd stage)

https://www.ihi.europa.eu/

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FUNDING OPPORTUNITIES HEU-CLUSTER 4

Event series on Cluster 4: https://www.ffg.at/europa/heu/cluster4

Cluster 4 Work Programme 2024

Single- and Two-Stage evaluated Topics:

- ***Twin Tansition*** and ***Resilience*** Calls open from **19. September 2023** to **7. February 2024**
- 510 Mil. €, 20 topics in both destinations, with some topics at TRL 4 - 7 of possible interest for BioNanoNet:
  - **two stage:** HORIZON-CL4-2024-RESILIENCE-01-35: Biodegradable polymers for sustainable packaging materials (IA) **and** HORIZON-CL4-2024-RESILIENCE-01-36: Advanced biomaterials for the Health Care (IA)
  - **one stage:** HORIZON-CL4-2024-RESILIENCE-01-24: Development of safe and sustainable by design alternatives (IA)
- ***Data***, ***Digital-Emerging*** & ***Human*** Calls open from **15. November 2023** to **19. March 2024**
- Many topics with diverse TRLs (RIA/IA) with possibility for BNN members to be involved (e.g. as use-case partners in digital Health Care applications) or main partners (e.g. in AI-topics); All calls in the digital-part are single-stage

For further information, please contact the CL4-NCPs

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FUNDING OPPORTUNITIES HEU-CLUSTER 5

Cluster 5 Work Programme 2024

- Calls open from December 2023, deadlines end from April 2024 until January 2025
- 905 Mio. Euro budget for topics in seven calls, for example:
  - **Batt4EU Partnership** (end-of-life, critical raw materials, circular economy, remanufacturing, refurbishing, ….)
  - **Sustainable, secure and competitive energy supply** (renewable energy & energy carriers, energy systems, grids & storage)
  - **Efficient, sustainable and inclusive energy use** (smart grid-ready buildings, robotics / automated solutions for building construction, renovation & maintenance, BIM-based processes and digital twins)
  - **Clean and competitive solutions for all transport modes** (fast charging, lifecycle impact, recycling capability, digital twin, sustainable manufacturing, …)
  - **Safe, Resilient Transport and Smart Mobility services for passengers and goods** (Connected, Cooperative and Automated Mobility, AI-based systems, big data, edge computing, internet of things, blockchain, sensors…)
  - **(NEW) Mission New European Bauhaus:** Regenerative design for responsible use, reuse, and replenishment; new bio-based material(s), by-products or waste, …)

https://www.ffg.at/europa/heu/cluster5

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FUNDING OPPORTUNITIES HEU-CLUSTER 6

Cluster 6 Work Programme 2024

- Calls open on 17 October 2023, deadlines end of February 2024
- 904 Mio. Euro budget for 76 topics in seven calls, for example:
  - **Circular and bioeconomy sectors** (Circular and bio-economic transitions, sustainable bio-based systems)
  - **Clean environment and zero pollution** (Increasing environmental performance and sustainability of processes and products, reducing emission of pollutants to air, soil and water)
- **Transdisciplinary approach** (multi-actor approach) relevant for several topics

https://www.ffg.at/europa/heu/cluster6

Circular Bio-based Europe Joint Undertaking (CBE JU)

- Projects that develop and implement **bio-based solutions** in innovative, sustainable and circular ways
- Call deadline 20 September 2023. Next call expected for first half of 2024

https://www.ffg.at/europa/heu/cluster6/calls_cbe

For further information, please contact:
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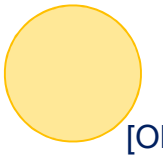
IMPACT IMPLEMENTATION (EXAMPLE)



LEGAL BASE
[Objectives & KIPs]



STRATEGIC PLAN
[Policy priorities & R&I strategic orientation]



WORK PROGRAMME
[Destinations & Topics]



HORIZON EUROPE PROJECT
[Project results]

Result	Outcome	Impact
		Seamless, smart, inclusive and sustainable mobility services through new digital technologies
	Innovative logistics solutions applied by the European air transport sector	Seamless, smart, inclusive and sustainable air services
Successful large-scale demonstration trial with 3 airports of an advanced forecasting system for proactive airport passenger flow management	At least 9 European airports adopt the advanced forecasting system that was demonstrated during the project	15% increase of maximum passenger capacity in European airports

LUMP SUM FUNDING IN HORIZON EUROPE

- no longer reimbursed based on financial (i.e. cost) reporting, but instead by means of an in advance fixed lump sum payment.
- two options (type 1b is more common):
  - either the EU Commission specifies the lump sum in the call and the consortia describe the activities they will carry out for this amount in their proposals (= type 1a),
  - or the applicants themselves define the lump sum in their proposals and subsequently include them in the Grant Agreement (GA) (= type 1b).
- Annex 2 of the GA fixes the share of the lump sum per work package and per beneficiary (as well as eventual "affiliated entities"). This indicates also the maximum amount of liability of each beneficiary after the balance payment. The payment of these fixed shares of the lump sum depends on the completion of the respective work package (i.e. only partial implementation of action tasks is generally not sufficient for payment, at the the final payment, the EU Commission may decide on an individual basis, to accept partial payment for work packages that have not been fully completed).
- no financial audits, only controls related to the proper implementation of the project (e.g. technical check) and concordance with other non-financial duties of the GA (e.g. IPR, dissemination).

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STANDARDS AND STANDARDISATION

For your support:

CEN-CENELEC GUIDE 39 - The role of standards in support of Technology Transfer

- good overview with basic explanations
  - CENELEC Workshop Agreement (CWA)
  - Technical Committee (TC)

- https://www.cencenelec.eu/media/Guides/CEN-CLC/cenclcguide39.pdf

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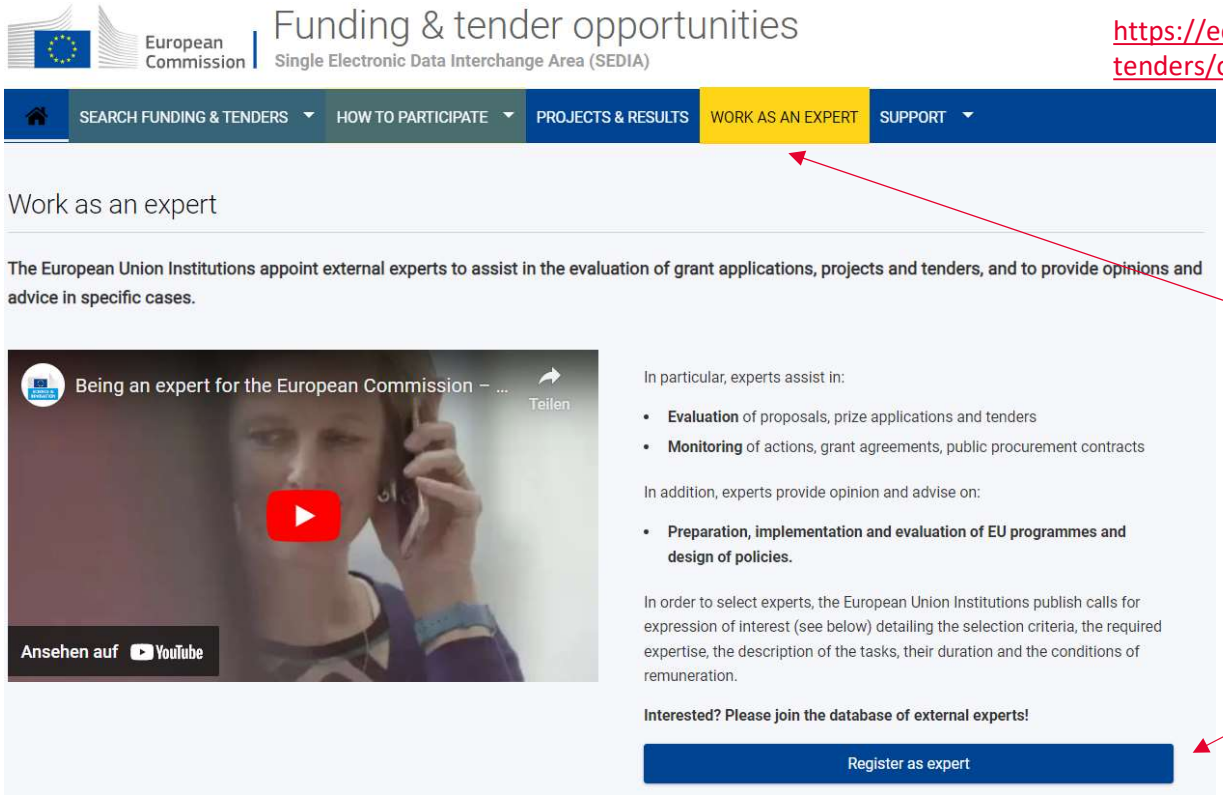
BE AN EVALUATOR FOR HORIZON EUROPE PROJECTS



https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/work-as-an-expert

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ALTERNATIVE FUNDING OPPORTUNITIES: ERC & MSCA



European Research Council (ERC)

Funding for excellent principal investigators (PI) and their team

- **Starting** Grant
- **Consolidator** Grant
- **Advanced** Grant

- **Synergy** Grant
  (funding for groups of 2-4 PIs)

- **Proof-of-Concept**-Grant
  (top-up-funding for valorisation)

www.ffg.at/europa/heu/erc



Marie Skłodowska-Curie Actions

Developing talent – advancing research

- **Doctoral Networks:** Collaborative research projects and training for doctoral candidates

- **Postdoctoral Fellowships:** Personalised research projects, worldwide

- **Staff Exchange:** Collaborative projects, based on international, intersectoral and interdisciplinary staff exchange

www.ffg.at/europa/heu/msca

bottom-up:
topics are proposed by the applicant

yearly deadlines – good to plan

LIFE IN A NUTSHELL



Main Goals:

- to protect, restore and improve the quality of the environment, including the air, water and soil
- to halt and reverse biodiversity loss and to tackle the degradation of ecosystems
- contribute to the shift towards a sustainable, circular, energy-efficient, renewable energy-based, climate-neutral and - resilient economy

expected achievements:

- ✓ long term impact!
- ✓ implementing practical and effective measures

formal criteria:

- ✓ mainly bottom up (except Clean Energy Transition)
- ✓ no partners needed (except Clean Energy Transition)
- ✓ 60% funding rate EU (exceptions possible)
- ✓ limited research activities allowed

4 sub programmes:

- Nature and Biodiversity
- Circular Economy and Quality of Life
- Climate Change Mitigation and Adaptation
- Clean Energy Transition

1 call per year
submission and evaluation of proposals is similar to Horizon Europe

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THANK YOU VERY MUCH!

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European and International Programmes

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