Horizon Europe - a brief overview

Jana Hamrlová, Stanislava Gráf

September 13, 2021, Hejnice
• EC launched new funding programme for research and innovation (2021 - 2027)
• budget of €95.5 billion
• impact-driven framework programme (society, economy, science)
• key strategic orientations:
  - promoting an open strategic autonomy through key digital, enabling and emerging technologies to accelerate the digital and green transitions
  - restoring Europe’s ecosystems and biodiversity, and managing sustainably natural resources to ensure food security and a clean and healthy environment
  - making Europe the first digitally enabled circular, climate neutral and sustainable economy
  - creating a more resilient, inclusive and democratic European society
HORIZON EUROPE

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT

Exclusive focus on civil applications

Pillar I
EXCELLENT SCIENCE

European Research Council
Marie Skłodowska-Curie
Research Infrastructures

Pillar II
GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

Clusters
- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre

Pillar III
INNOVATIVE EUROPE

European Innovation Council
European innovation ecosystems
European Institute of Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence
Reforming & Enhancing the European R&I system

* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

EURATOM

Fusion
Fission
Joint Research Center

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Currently open calls (2021):

- Cluster 1 - Health (as project partner)
- Cluster 2 - Culture, Creativity and Inclusive Society
  - Research and innovation on cultural heritage and CCIs - 2021, deadline Oct 07, 2021
- Cluster 3 - Civil Security for Society
  - Fighting Crime and Terrorism 2021, deadline Nov 23, 2021
    - Disinformation and fake news are combated and trust in the digital world is raised (IA)
- Cluster 4 - Digital, Industry and Space
  - A human-centered and ethical development of digital and industrial technologies 2021, deadline Oct 21, 2021
  - World leading data and computing technologies 2021 deadline Oct 21, 2021
  - Digital and emerging technologies for competitiveness and fit for the green deal, deadline Oct 21, 2021
  - Twin green and digital transition 2021, deadline Oct 21, 2021
Forthcoming calls (2022):

- **Cluster 1 - Health** (as project partner)
- **Cluster 2 - Culture, Creativity and Inclusive Society**
  - *Research and innovation on cultural heritage and CCIs - 2022*, deadline Apr 20, 2022
  - *Reshaping democracies*, deadline Apr 20, 2022
    - Media for democracy – democratic media (RIA)
    - Artificial intelligence, big data and democracy (RIA)
- **Cluster 3 - Civil Security for Society** - deadline Nov 23, 2022
- **Cluster 4 - Digital, Industry and Space**
  - *A human-centered and ethical development of digital and industrial technologies 2022*, deadline Apr 5, 2022
  - *World leading data and computing technologies 2022*, deadline Apr 5, 2022

Important information and summary of open and forthcoming calls relevant for UFAL is available at UFAL wiki [https://wiki.ufal.ms.mff.cuni.cz/internal:podavani-projektu:he1](https://wiki.ufal.ms.mff.cuni.cz/internal:podavani-projektu:he1)
Important aspects of HE

- **gender equality and inclusiveness** (GEP, gender balance among researches, integration of gender dimension into research)
- **Social Science and Humanities** - should be involved in all clusters where relevant
- **Ethics and integrity** (more info L. Kaprálová)
- **Dissemination and exploitation of research results** (detailed D&E plan 6 months after GA signature required)
- **Open science** (open access to scientific publications, responsible research data management - mandatory DMP)
Why to apply for HE

- EU projects are over long period important part of ÚFAL’s budget
- 100% funding provided, 25% indirect costs
- reasonable eligible costs (personnel costs, subcontracting, purchase costs, other cost categories) justification and administration

Disadvantages:
- oriented toward applications, calls in Pillar 2 are not suitable for financing of basic research
- big competition
Support for applicants

ÚFAL project department:

- support in navigation throughout calls
- administrative help with preparing project proposal

Department of grants and projects (OGaP):

- all applicants should access for view their proposals in FT portal to Ivana Herglová (herglova@dekanat.mff.cuni.cz) from OGaP
- dr. Herglová then will check the proposal from the administrative point of view
<table>
<thead>
<tr>
<th>PI ÚFAL</th>
<th>Team Members ÚFAL</th>
<th>Acronym</th>
<th>Theme</th>
<th>Coordinator</th>
<th>Call Topic</th>
<th>Call Deadline</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Pavel Pecina</td>
<td>Petra Galuščáková, Mateusz Krubinski</td>
<td>MEMORISE</td>
<td>Heritage related to Nazi Persecution</td>
<td>SYDDANSK UNIVERSITET</td>
<td>HORIZON-CL2-2021-HERITAGE-01-04</td>
<td>October 7, 2021</td>
<td>Consortium complete, finalizing the proposal</td>
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<td>Pavel Pecina</td>
<td>Ondřej Dušek,</td>
<td>RES-Q++</td>
<td>Stroke care</td>
<td>Clinical Research Centre (CZ)</td>
<td>HORIZON-HLTH-2021-TOOL-06-03</td>
<td>September 21, 2021</td>
<td>Consortium complete, finalizing the proposal</td>
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<tr>
<td>Rudolf Rosa</td>
<td>??</td>
<td>GEPA?</td>
<td>Generated Ethical Performative Art?</td>
<td>ÚFAL</td>
<td>HORIZON-CL2-2021-HERITAGE-01-03</td>
<td>07 October 2021</td>
<td>with some poets, searching for further partners (probably will not happen)</td>
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<td>Ondřej Bojar</td>
<td>??</td>
<td>??</td>
<td>AI to Fight Manipulation</td>
<td>ÚFAL??</td>
<td>HORIZON-CL4-2021-HUMAN-01-27</td>
<td>21 October 2021</td>
<td>with UEDIN, AVAST, hopefully DW/BBC, possibly FactMata</td>
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<tr>
<td>Ondřej Bojar</td>
<td>??</td>
<td>??</td>
<td>eXtended Reality Meetings</td>
<td>ÚFAL</td>
<td>horizon-cl4-2021-human-01-13</td>
<td>21 October 2021</td>
<td>with Joerg Tiedemann, AALTO, alfaview as an Integrator?, KU LEUVEN?</td>
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<tr>
<td>Ondřej Dušek</td>
<td>Jan Hajíc(?)</td>
<td>TrustHRI</td>
<td>Trustworthy Human-Robot Awareness and Interaction (TrustHRI)</td>
<td>Aristotle University of Thessaloniki</td>
<td>HORIZON-CL4-2021-DIGITAL-EMERGING-01-11</td>
<td>21 October 2021</td>
<td>coord. Ioannis Pitas</td>
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<tr>
<td>Jan Hajíc</td>
<td>??</td>
<td>Name TBD</td>
<td>CLAIRE/Humane AI Net related</td>
<td>DFKI</td>
<td>HORIZON-CL4-2021-HUMAN-01-03(?)</td>
<td>21 October 2021</td>
<td>most probably Paul Lukowicz (coord.)</td>
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<tr>
<td>Jan Hajíc</td>
<td>??</td>
<td>Name TBD</td>
<td>Data (LR) oriented</td>
<td>DFKI</td>
<td>HORIZON-CL4-2021-DATA-01-01</td>
<td>21 October 2021</td>
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<td>Jan Hajíc</td>
<td>Matyáš Kopp, Pavel Straňák</td>
<td>EDITIO</td>
<td>Infra / Data (LR) oriented</td>
<td>CLARIN ERIC</td>
<td>HORIZON-INFRA-2021-EOSC-01-04</td>
<td>23 September 2021</td>
<td>UFAL under Dieter van Uytvanck (CLARIN ERIC)</td>
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