HORIZON EUROPE (2021-2027): Funding Opportunities for new research in TEL

I. Excellent Science

- European Research Council (ERC)
- Marie-Skłodowska Curie Action

II. Global Challenges & European Competitiveness

- Cluster 2: Culture, Creativity & Inclusive Society
- Cluster 4: Digital, Industry & Space

III. Innovative Europe

- European Innovation Council
- European Insitute of Innovation & Technology

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Funding Opportunities

AI for human empowerment

Alliances for Education and Enterprises

European Network of AI Excellence Centers:

Expanding the European AI lighthouse

Alliances for Sectoral Cooperation on Skills

I. AI for Human Empowerment

- Aim: „Wants to contribute to truly mixed **human-centered AI initiatives** for human empowerment and trustworthy hybrid decision support systems"

- Budget: Max. 8 Million Euros per project, can change based on the requested amount

- Supports: legal entities such as Higher Education Institutions (**HEIs**) from EU-Member States and listed EEA countries and countries associated to the Digital Europe Programme

- Deadline: 16. November 2022

II.Alliances for Education for Enterprises

- „Boosting innovation through cooperation and flow of knowledge, focusing on **digital skills**. Confronting emerging challenges like **digitalisation**, AI and rapid **employment** changes."

- One year: 1 000 000 €, two years: 1 500 000 €

- Supports: **HEIs, Research institutes**, NGOs, Intermediaries that represent **education, training and youth**(…)

III. European Network of AI Excellence Centres: Expanding the European AI lighthouse

- „Projects should contribute to **scientific progress in AI**, establish new pillars of the European AI lighthouse, reinforce the leading unified European AI community."

- Call budget per project: 11. 500 000 €

- Supports: **HEIs, Research institutes**, NGOs, Intermediaries that represent **education, training and youth**(…)

IV. Alliances for Sectoral Cooperation on Skills

- „Blueprint Alliances support the design and delivery of **transnational education and training content**, as well as **teaching and training methodologies**, for quick take-up at regional and local level and for new occupations that are emerging.“

- Duration of the project is 4 years

- Budget per project: 4 000 000 €

- Supports: **HEIs, Research institutes**, NGOs, Intermediaries that represent **education, training and youth**(…)

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European Innovation Council

- Established under the Horizon Europe Programme, to identify, develop and scale up breakthrough technologies and game changing innovations of **start-ups** and **SMEs**

- Agile organisation and the activities are expected to evolve and develop in each annual Work Programme

European Innovation Council

- All Legal Entities in a Member State, associated third State or low-and middle income country are eligible

- The work under the EIC is **collaborative research**

EIC Funding 2022

EIC Pathfinder: a request up to 3 million € is appropriate, 100% of all eligible costs will be covered

EIC Accelerator : A request between 0.5 million € up to 15 million € can be appropriate

EIC Transition : 0.5 million € up to 2.5 million € over a span of 1-3 years can be granted

EIT HEI Initiative

European Institute of Innovation & Technology

„Create systemic impact in Higher Education at an institutional level
The initative aims to address the need for HEI transformation and the role of HEIs in boosting sustainable, inclusive economic growth and competitiveness by reinforcing the innovation capacity of Europe.
The initiative also wants to strengthen partnerships and contribute to developing innovation and business."

EIT HEI Initiative

Funding Opportunities

- Start your own start-up or spin-off
- Work internationally and collaboratively
- Get mentoring, financial and management support

EIT HEI Initiative

Funding Opportunities

Last call:

Budget for Phase 1 (6 Months) : 300 000

Budget for Phase 2 (18 Months) : 900 000

Reimbursement of eligible costs follows Horizon Europe

Rules for Participation

Successful Horizon Europe Proposals (see Handout)

Second Language Tutoring using Social Robots

Call:CT 2015 - Information and Communications Technologies (H2020-ICT-2015)

1.1.2016-31.12.2018

EU Contribution: 3 042 562 €

Coordinated by the University of Plymouth

Second Language Tutoring using Social Robots

- **Expected Impact of the Call:**

- Reinforce European leadership in adaptive learning technologies for the personalisation of learning experiences. This must be measured by the number of excellence centres collaborating through specific joint research experimentations and technology transfers programmes.

- Enable faster ways of testing fundamental business hypothesis (including continuous development and testing with users) and increased skills capacity. Facilitate the emergence of new innovative businesses.

- Facilitate the emergence of innovative businesses and create a digital learning ecosystem in Europe.

- Speed up the rate of adoption on technologies for the modernization of education and training.

- Contribute to the objectives of the "Opening up Education" initiative.

- Enhance the development of digital learning and teaching resources, including for children and adults with mental or physical disabilities.

- Increase the number of public-private partnerships addressing technological challenges for modernizing and improving education and training

Second Language Tutoring using Social Robots

- **Objectives of the proposal:**
- L2TOR focuses on the domain of second language learning in early childhood. It will further the science and technology of language tutoring robots, with a strong focus on multimodal interactive tutoring for young children. L2TOR will focus on native speaking Dutch, German and Turkish children learning English. It will have to address technical aspects as social signal processing and exploring the pedagogy of social robots and the use of social robot to assist in language tutoring- and development psychology aspects.

Second Language Tutoring using Social Robots

Results:

•L2TOR focused on children around five years old. In a study of approximately 200 Dutch-speaking children, a fourth of the children learned English with a robot who gestured, a fourth with a robot who did not gesture a fourth with a tablet and a fourth had no second language teaching. The team learned that the children did not learn better with the robot, whether gesturing or not. The paper presenting the results won the "Best Full Paper Award on HRI User Studies´at the 14th Annual ACM/IEEE International Conference on Human-Robot Interaction (HMI).

How to apply

1. Find the right call

2. Create a EU personal profile

3. Find partners and develop ideas (8-12 months before the deadline)

4. For two step proposals first submit a concept note

Key principles for good proposals

Proposed work must be within the scope of the work programme topic

Demonstrate that the idea is ambitious and goes beyond the state of the art

Scientific methodology must take into account interdisciplinary, gender dimension and open science practices

Show how the project could contribute to the outcomes and impacts described in the work programme

Describe the planned measures to maximise the impact of the project

Demonstrate the quality of your work plan, resources and participants

Tipp: Sign up to become a reviewer for Horizon Europe Proposals and learn what is key to a successful application

EU Commission Horizon Europe
2021-2027 Proposal Review
Registration

European Commission | My Expert Area

≡ My Expert Area / Registration

→ Registration

i Help

Tell us who you are
In order to uniquely identify you

Title
_____
Mr., Mrs., Dr., Prof., etc.

First name
[Type your first name]   80
As it appears on your identity document

Last name
[Type your last name]   80
As it appears on your identity document

Date of birth
[dd/mm/yyyy] 📅
Date of birth is required.

Place of birth
[Type your place of birth]   50
As it appears on your identity document

Country of birth

I wish you the best of luck for your future research and collaboration!

Feel free to add me to your network on LinkedIn

Thank you for your attention