

M U N I

Funding Landscapes

Grant Office, Research and Development Office, MU Rectorate

Contents

National Programmes

Basic research

- **GA ČR** (Czech Science Foundation)

Basic and/or Applied research

- **MŠMT** (Ministry of Education Youth and Sports)
 - ERA-NET Cofunds/European partnerships/Joint Programming
 - INTER-EXCELLENCE II
 - Mobility

Applied research

- **TA ČR** (Technology Agency of the Czech Republic)
 - SIGMA
 - TRANSPORT 2030 (Ministry of Transport)
 - TREND (Ministry of Industry and Trade)
 - Environment for Life 2 (Ministry of the Environment)
 - PRODEF (Ministry of Defense)
 - ERA-NET Cofunds/ European Partnerships

- **Departmental Programmes** (Ministries)

- AZV (Czech Health Research Council)
- NAKI III (Ministry of Culture)
- OPSEC (Ministry of Interior)
- ZEMĚ III (Ministry of Agriculture)

MU Internal Programmes

International Programmes

Basic research

- **Horizon Europe**

- European Research Council (ERC)
- Marie Skłodowska-Curie Actions (MSCA)

Applied research

- **Horizon Europe**

- Pillars
- Missions
- Partnerships
- European Innovation Council

M U N I

MU in numbers

MU in numbers

09/2024

1st institution in the Czech Republic in funds received from H2020/HE projects (09/2024)

123 participations in H2020 projects (09/2024)

87 participations in HE projects (09/2024)

9 ongoing ERC grants, 14 ERC grants in total at MU (09/2024)

38 H2020 and HE projects coordinated by MU (09/2024)

8,9 billion CZK Total budget MU (Total non-investment cost for 2023)

3,36 billion CZK R&D budget (2023)

228 ongoing GA ČR projects (09/2024)

77 ongoing TA ČR projects (09/2024)

4 951 MU employees (average annualized for 2023)

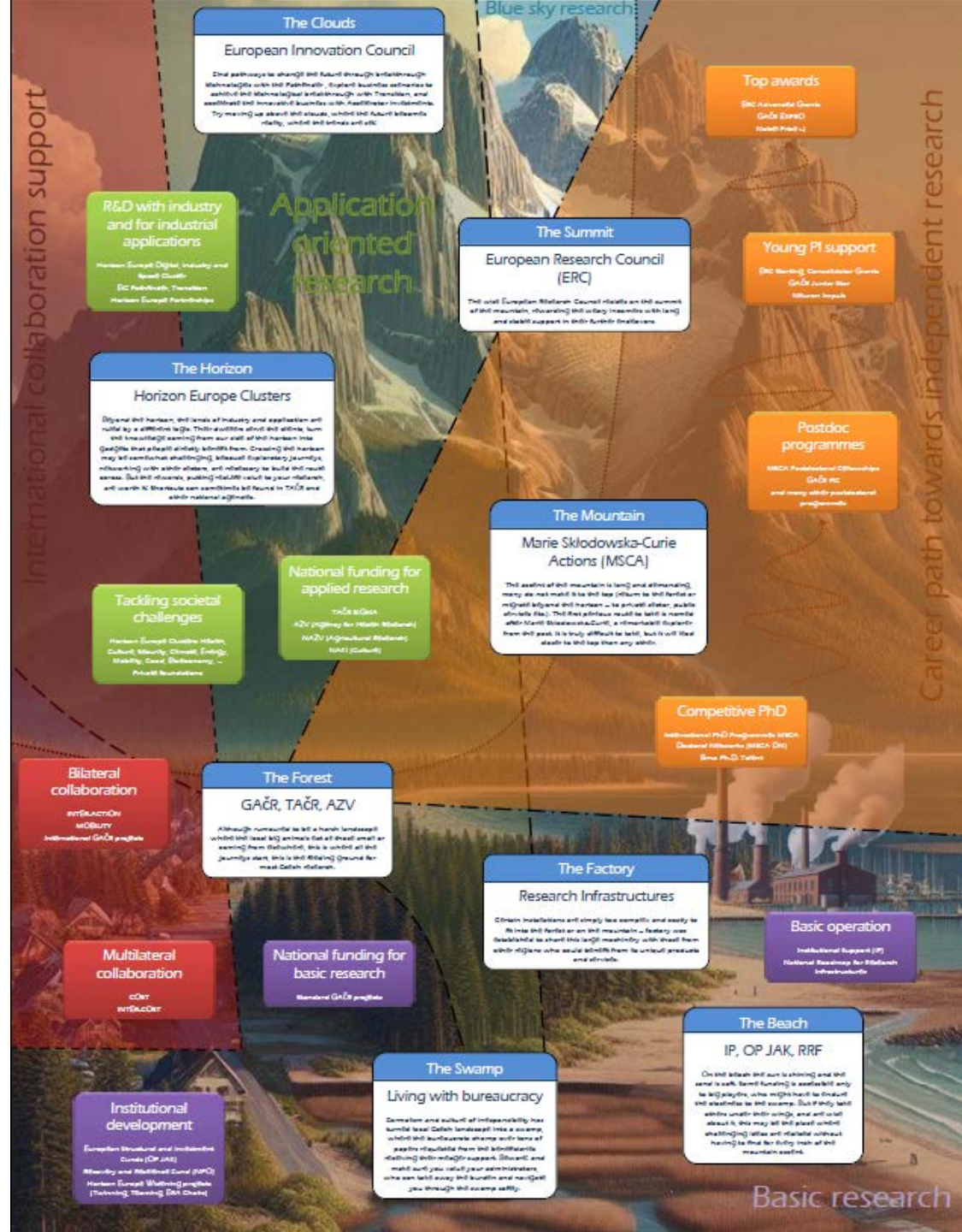
34 691 students (2023)

2 394 PhD studies (2023)

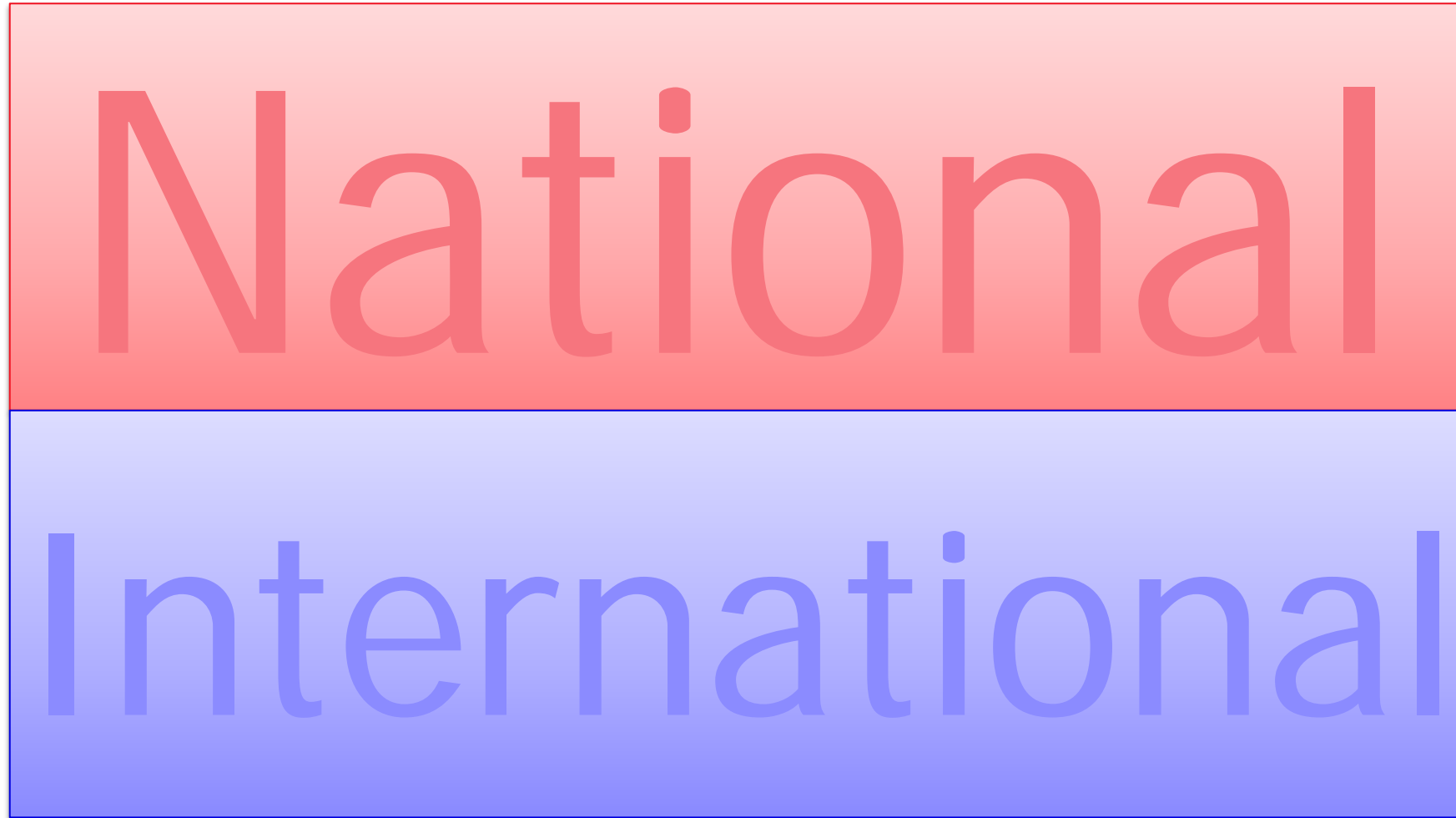
M U N I

Funding Landscapes

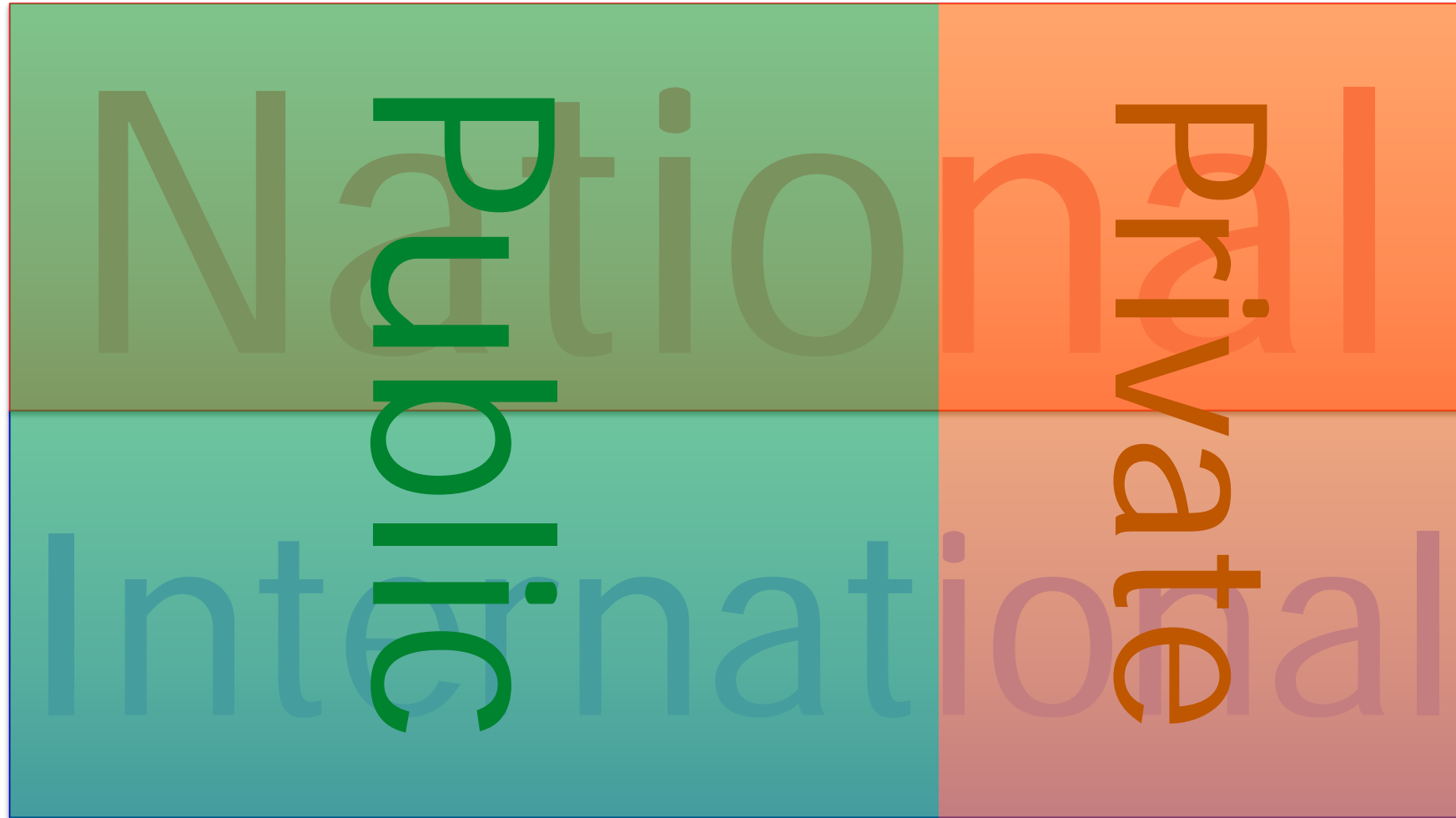
Funding Landscapes



Research funding



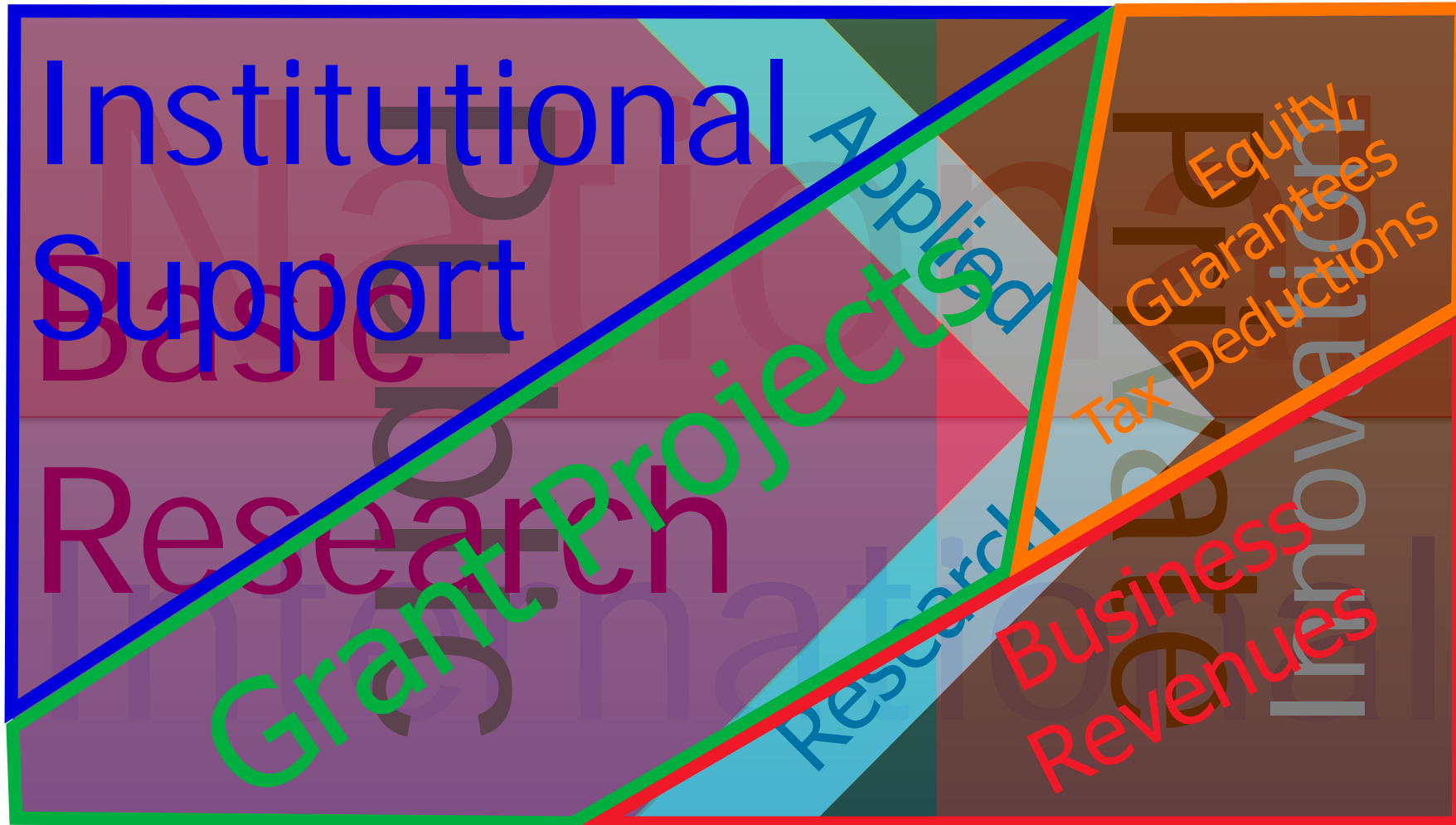
Research Funding



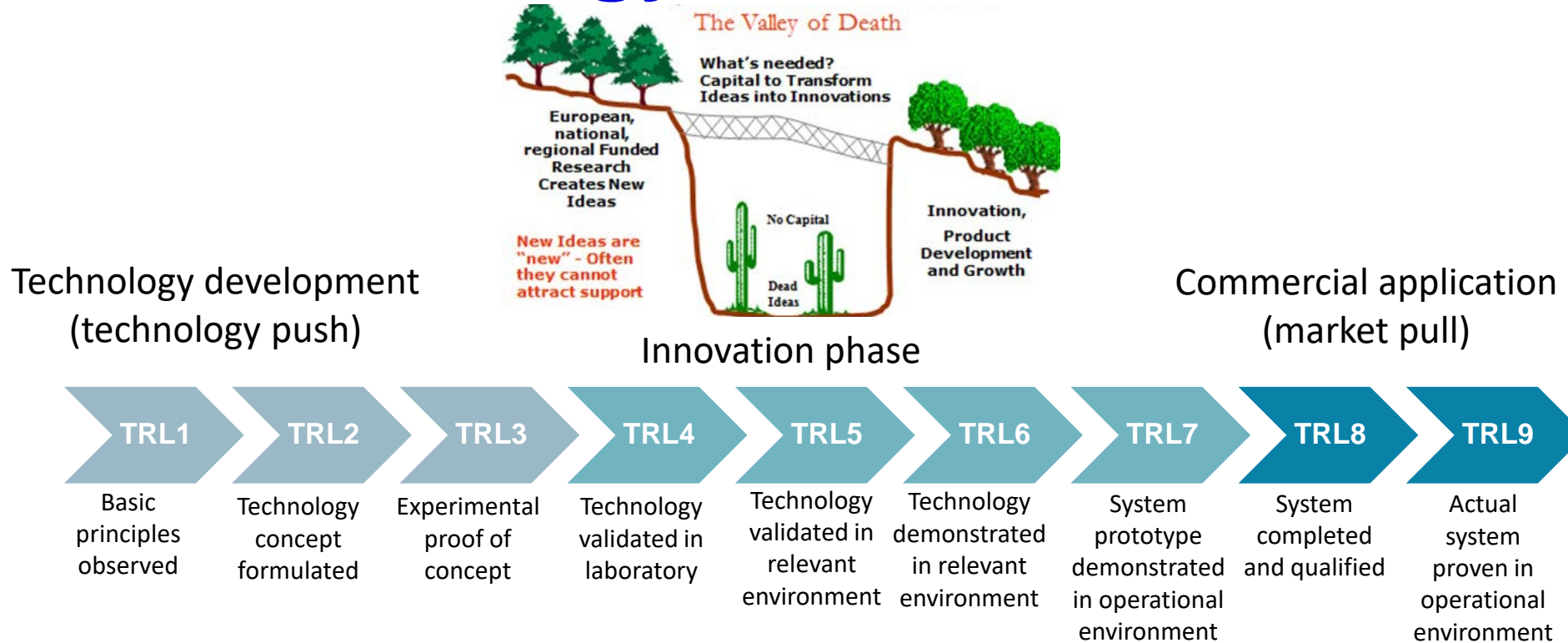
Research Funding



Research Funding



TRL – Technology Readiness Levels



- TRL 1-3 – from idea, through formulation of concept and technology, to verification of concept
- TRL 4-7 – from „ugly“ prototype to fully functional product tested in working environment
- TRL 8-9 – successful market deployment and full commercial use of product/service

– Definition of **TRL** is commonly used in **call guidelines** of various grant schemes to define expected outcomes

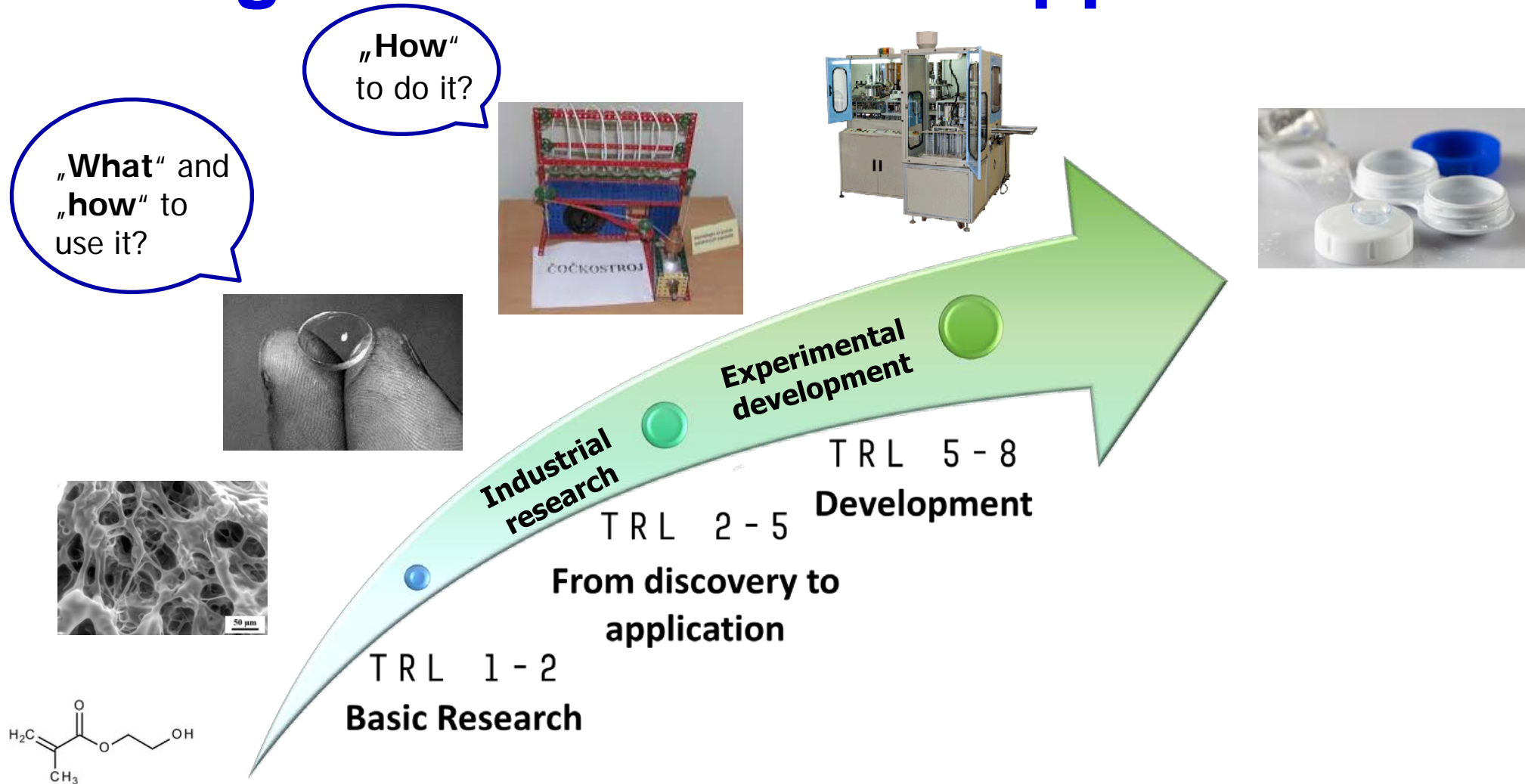
TRL – Technology Readiness Levels

Adapted for Social sciences, and humanities and Arts

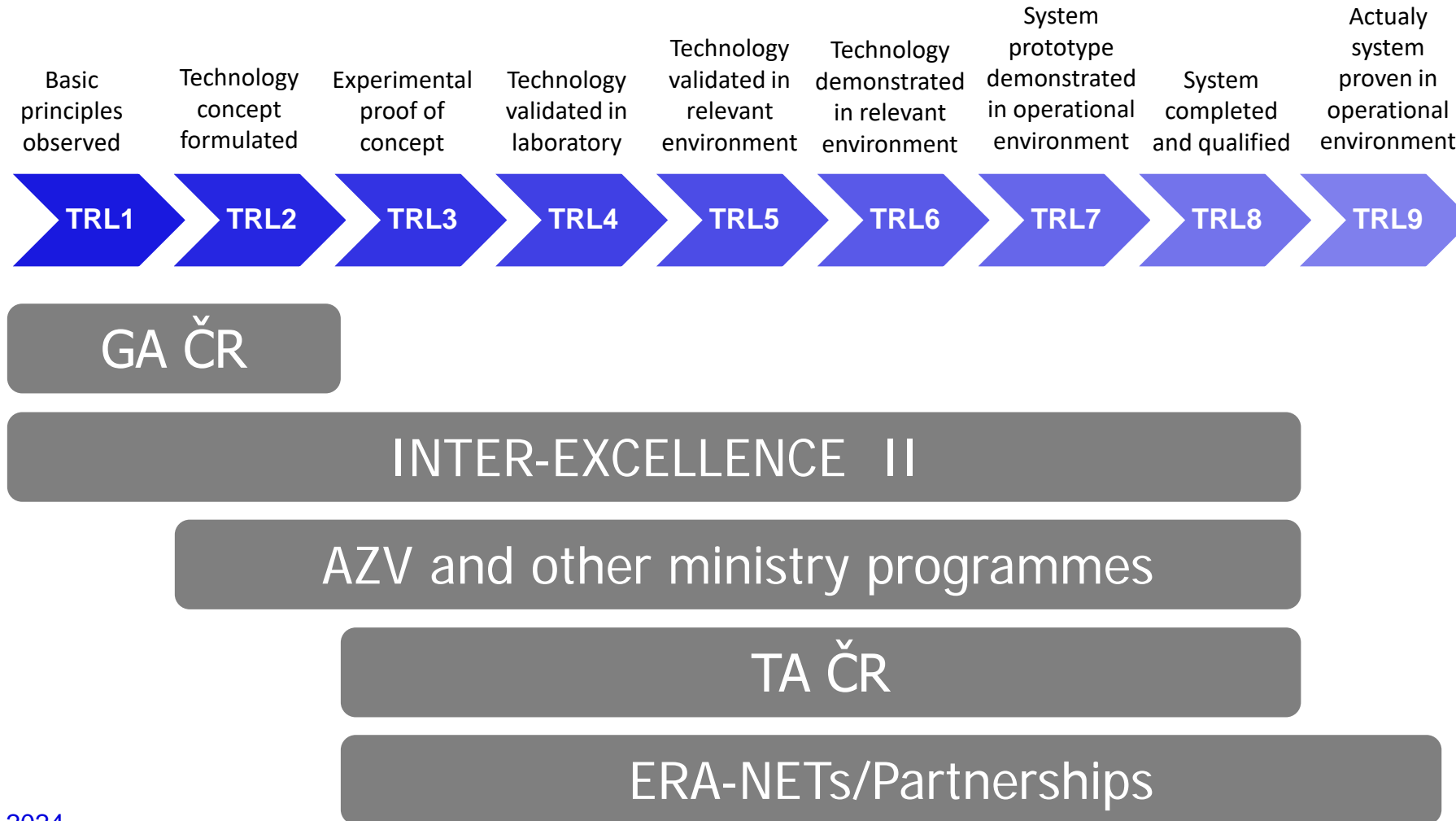


- **TRL 1** – *basic principles observed*. Identification of and observation of basic properties.
- **TRL 2** – *concept formulated*. Outcomes of the theoretical research are specified. Theorizing of potential practical applications.
- **TRL 3** – *experimental proof of concept*. Analytical research or experiments towards potential application(s). Initial testing of proposed solutions. Identification of potential stakeholders.
- **TRL 4** – *concept validated in R&D environment*. Proof of concept that is based upon the integration of applications and components to demonstrate viability. Concept is validated through pilot testing in to substantiate proposed solution(s). Identification of relevant stakeholders.
- **TRL 5** – *solutions validated in simulated relevant environment*. Refined integration of components to confirm validity. Proposed solution(s) are validated by relevant stakeholders.
- **TRL 6** – *solutions demonstrated in simulated relevant environment*. Demonstration of a near-end state solutions and testing in a relevant environment in co-operation with relevant stakeholders to gain initial feedback. Parts of relevant documentation have been drafted.
- **TRL 7** – *solutions prototypical demonstration in operational environment*. Refinement of solutions and, if needed, retesting in relevant environment with relevant stakeholders. Drafts of relevant documentation are available.
- **TRL 8** – *solutions complete and qualified*. Proposed solutions as well as a plan for their application/adaptation are refined through testing, complete and qualified. Relevant documentation is almost completed.
- **TRL 9** – *actual solutions proven through testing and implementation in operational real-world environment*. Relevant documentation is completed and available for stakeholders. A sustainable set of support measures for the application of the solutions has been worked out.

Funding search – basic or applied research?



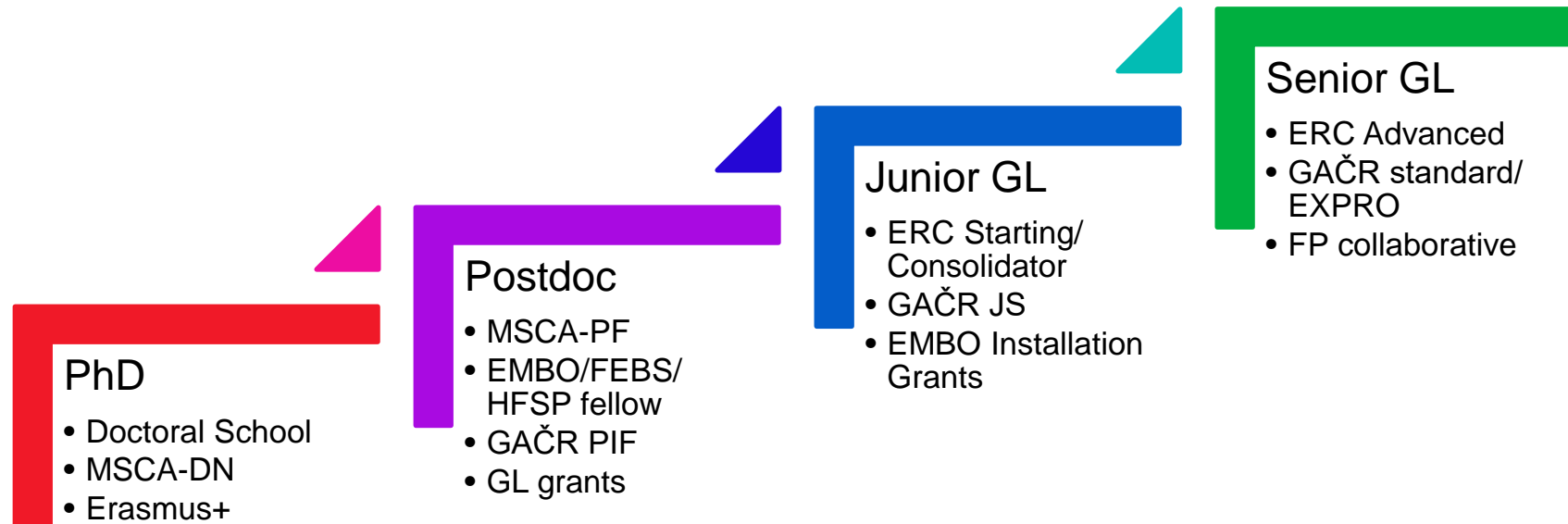
TRL – Czech funders



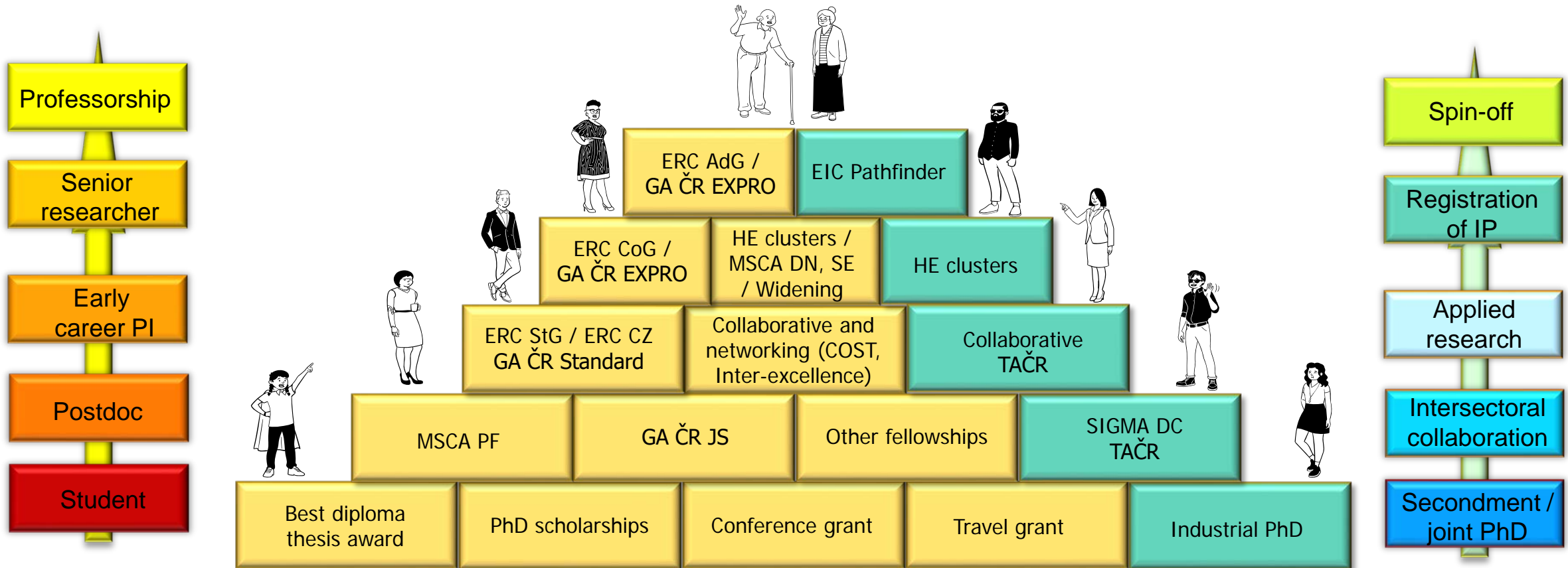
M U N I

Scientific Career and Funding

Scientific Career and Funding



The journey to (non-)academic success



M U N I

Basic research

GA ČR - national/international schemes

National schemes

Standard projects
Excellent basic research

**Postdoc Individual Fellowship
Incoming**
(max. 4 years after Ph.D degree)

JUNIOR STAR
Excellent young researchers
(max. 8 years after Ph.D degree)

**Postdoc Individual Fellowship
Outgoing**
(max. 4 years after Ph.D degree)

EXPRO
Excellent researchers
(the aim is to submit ERC grant)

International schemes

Bilateral grant projects
(Taiwan, South Korea, Sao Paulo)

Lead Agency (LA) grants*
(Austria, Germany, Poland, Slovenia,
Switzerland, Luxembourg, Croatia, US)

*bilateral or trilateral cooperation;
cooperation with US may be only bilateral

New scheme to be launched

Returning grants
(after career break)



Standard projects

Provider: GA ČR

Aim

- Standard projects for support of basic research
- Advanced scientific projects with the potential to achieve international significance results

Priority areas

- All scientific fields

Eligibility

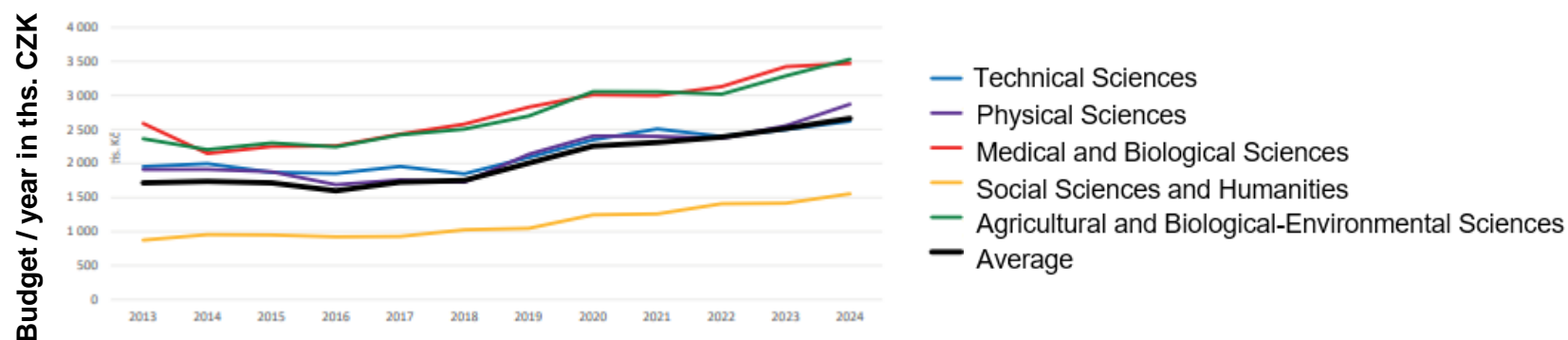
- Applicants at any stage of career, without any age limitation



Next Call in February 2025

Call ID	Standard projects
Applicants	research organizations, other specified by Call
Expected results*	J_{imp} , J_{sc} , J_{ost} , Monograph, chapter in monograph, article in proceedings
Duration	2-3 years
Funding	Not specified
Funding rate	100 %
Call allocation	TBA

[*Definition of types of results](#)



JUNIOR STAR

Provider: GA ČR

Aim

- Aims at excellent scientists at the beginning of their career to establish an independent group

Priority areas

- All scientific fields

Eligibility

- Limited up to 8 years after Ph.D
- Applicant must already have substantial international experience



Next Call in February 2025

Call ID	JUNIOR STAR
Applicants	research organizations, other specified by Call
Expected results*	J_{imp} , J_{sc} , J_{ost} , Monograph, chapter in monograph, article in proceedings
Duration	5 years
Funding	25 mil. CZK/project
Funding rate	100 %
Call allocation	TBA

[*Definition of types of results](#)

EXPRO

Provider: GA ČR

Aim

- To create the conditions for the development of excellent research, set standards for excellent science, help overcome barriers that reduce the success of ERC project proposals, and enable the acquisition of the necessary knowledge and experience to be successful in highly prestigious European grants

Priority areas

- All scientific fields



Next Call in February 2026

Call ID	EXPRO
Applicants	research organizations, other specified by Call
Expected results*	J_{imp} , J_{sc} , J_{ost} , Monograph, chapter in monograph, article in proceedings
Duration	5 years
Funding	50 mil. CZK/project
Funding rate	100 %
Call allocation	TBA

[*Definition of types of results](#)

POSTDOC INDIVIDUAL FELLOWSHIP (PIF) Incoming



Provider: GA ČR

Next Call in February 2025

Aim

- To motivate outstanding scientists with long-term international experience in their early careers to undertake their own, high-quality scientific project at an institution in the Czech Republic

Call ID	PIF Incoming
Applicants	research organizations, other specified by Call
Expected results*	J_{imp} , J_{sc} , J_{ost} , Monograph, chapter in monograph, article in proceedings
Duration	3 years
Funding	Not specified (average costs CZK 1,6 mil./year)
Funding rate	100 %
Call allocation	TBA

[*Definition of types of results](#)

Priority areas

- All scientific fields

Eligibility

- Limited up to 4 years after Ph.D
- Applicant may not be employed by the organization or any other scientific institution in Czechia from the date of announcement till the Call deadline
- Min. 2 of the last 3 years as a doctoral student abroad or employment with scientific institution abroad

POSTDOC INDIVIDUAL FELLOWSHIP (PIF) Outgoing

Provider: GA ČR



Next Call in February 2025

Associated with non-eligible costs

Aim

- Is to make it possible for Czech scientists in their early careers to pursue their own scientific aim involving a long-term fellowship abroad, followed by the completion of the project at a Czech institution

Priority areas

- All scientific fields

Eligibility

- Limited up to 4 years after Ph.D

Call ID	PIF (Outgoing)
Applicants	research organizations, other specified by Call
Expected results*	J_{imp} , J_{sc} , J_{ost} , Monograph, chapter in monograph, article in proceedings,
Duration	3 years
Funding	Not specified (average costs CZK 1,6 mil./year)
Funding rate	100 %
Call allocation	TBA

[*Definition of types of results](#)

International projects

Provider: GA ČR

Aim

- Aims at supporting international bilateral cooperation in basic research (projects are evaluated by both agencies)

Priority areas

- All scientific fields

Countries involved

- Brazil, Taiwan, South Korea



Next Call in February 2025

Call ID	International projects
Applicants	research organizations, other specified by Call
Expected results*	J_{imp} , J_{sc} , J_{ost} , Monograph, chapter in monograph, article in proceedings,
Duration	2-3 years
Funding	Not specified
Funding rate	100 %
Call allocation	TBA

[*Definition of types of results](#)

Lead Agency (LA) projects

Provider: GA ČR

Aim

- Aims at supporting international cooperation in basic research (projects are evaluated only by one agency while the second accepts the results of their evaluation process)
- Bilateral/trilateral cooperation

Priority areas

- All scientific fields

Countries involved

- Austria, Croatia, Germany, Luxembourg, Poland, Slovenia, Switzerland, US (cooperation with US may be only bilateral)



Calls 2024/2025

Call ID	LA grants
Applicants	research organizations, other specified by Call
Expected results*	J_{imp} , J_{sc} , J_{ost} , Monograph, chapter in monograph, article in proceedings,
Duration	2-3 years
Funding	Not specified
Funding rate	100 %
Call allocation	TBA

*Definition of types of results

M U N I

Basic and/or applied research

Up to the decision of the applicant

MŠMT - international schemes

ERA-NET Cofunds/European Partnerships/Joint Programming

JPICH

Research in the field of Climate and Cultural Heritage

JPND

Research in the field of neurodegenerative diseases

QUANTERA

Research in the field of Quantum Technologies

Programme INTER-EXCELLENCE II: International collaboration

INTER-ACTION

Support for bilateral projects with selected countries

INTER-COST

International cooperation with COST consortia

INTER-EUREKA

International cooperation with SMEs

Programme Mobility

MOBILITY

Support for the mobility of researchers with selected countries



MINISTRY OF EDUCATION
YOUTH AND SPORTS

JPICH

Provider: Ministry of Education Youth and Sports

Aim

- International cooperation in the field of Climate and Cultural Heritage – collaborative research to address urgent challenges

Priority areas

- All scientific fields, basic and applied research

Countries involved

- minimum of 3 eligible partners requesting funding in at least 3 countries involved in Call
- the last Call in 2023 – Austria, Belgium, Czechia, France, Ireland, Italy, Lithuania, Netherlands, Norway, Spain, Switzerland, Thailand, Turkey, UK, US



MINISTRY OF EDUCATION
YOUTH AND SPORTS

Next call 2025

Call ID	JPICH
Applicants	research organizations
Expected results	not specified
Duration	3 years
Funding (previous Call)	EUR 500 ths./ call allocation
Funding rate	100% for basic research; 50% industrial research / 25% experimental development

JPND

Provider: Ministry of Education Youth and Sports

Aim

- International cooperation in basic and applied research in the field of Neurodegenerative Disease

Priority areas

- All scientific fields, basic and applied research

Countries involved

- Research teams 3-6 from at least 3 different participating JPND countries
- Austria, Belgium, Canada, Czechia, Finland, France, Germany, Hungary, Israel, Italy, Latvia, Luxembourg, Netherlands, Norway, Poland, Slovakia, Spain, Sweden, Switzerland, Turkey



MINISTRY OF EDUCATION
YOUTH AND SPORTS

Next call probably 01/2025

Call ID	JPND
Applicants	research organizations
Expected results	not specified, but evaluated
Duration	3 years
Funding	EUR 1mil./ MEYS call allocation
Funding rate	100% for basic research; 50% industrial research / 25% experimental development

QUANTERA

Provider: Ministry of Education Youth and Sports

Aim

- Transnational research projects in Quantum Science and Technologies

Priority areas

- All scientific fields, basic and applied research

Countries involved

- 3-6 eligible partners requesting funding in at least 3 countries involved in Call
- the last Call in 2023 – Austria, Belgium, Bulgaria, Canada, Croatia, Czechia, Denmark, Estonia, Finland, France, Germany, Hungary, Israel, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, UK



MINISTRY OF EDUCATION
YOUTH AND SPORTS

Next call 2025

Call ID	QUANTERA*
Applicants	only research organizations
Expected results	not specified
Duration	2-3 years
Funding (previous Call)	EUR 500 ths./MEYS Call allocation
Funding rate	100% for basic research; 50% industrial research / 25% experimental development

*QUANTERA for applied research see more in TA ČR section

INTER-EXCELLENCE II

Provider: Ministry of Education Youth and Sports

Aim

- International cooperation

Priority areas

- All scientific fields, basic and applied research
- INTER-ACTION
 - International cooperation in research projects based on intergovernmental or interdepartmental agreements
 - Countries involved (opened calls in 2024/25) - Bavaria, USA, Israel
- INTER-COST
 - Synergic effect of national research support and support from the international COST programme ([participation in international COST project required](#))
- INTER-EUREKA
 - International cooperation with industry (MU only as partner)



MINISTRY OF EDUCATION
YOUTH AND SPORTS

Call 2025 (probably in autumn)

Call ID	INTER-EXCELLENCE II
Applicants	research organizations, companies
Expected results*	J_{imp} , J_{sc} , book, chapter in book, patent, utility model, industrial design, software, prototype, functioning sample, pilot plant, verified technology, variety, breed, other results
Duration	3-4 years
Funding	Not specified
Funding rate	100 % for project

[*Definition of types of results](#)

MOBILITY

Provider: Ministry of Education Youth and Sports

Aim

- Support bilateral international cooperation in basic research
- Setting up a joint international research team
- Project support consists of funding travel and accommodation costs for researchers travelling abroad

Countries involved

- opened calls in 2024 with: Austria (the last Call in 2023), France, Germany



MINISTRY OF EDUCATION
YOUTH AND SPORTS

Next call 05/2025

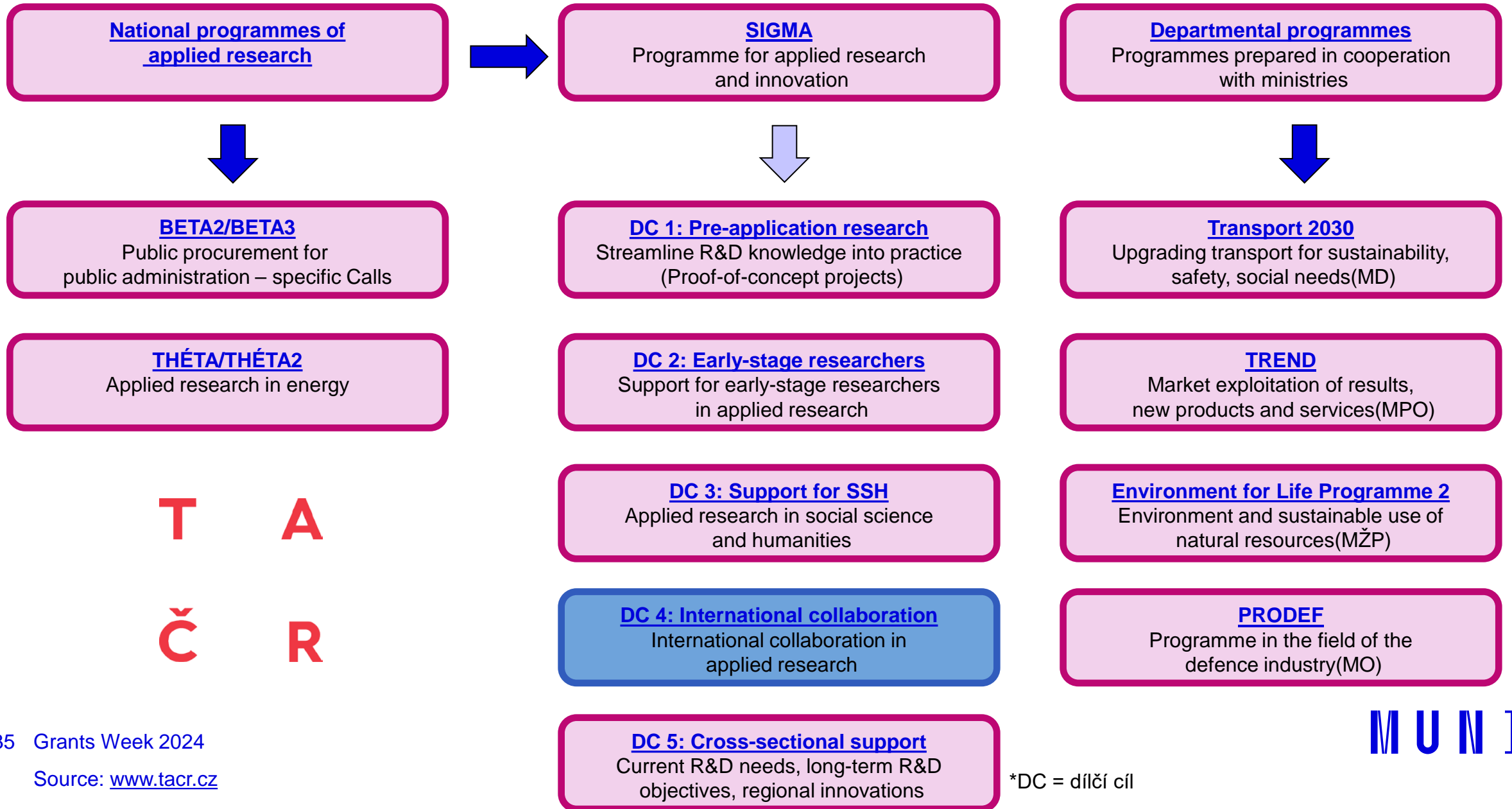
Call ID	MOBILITY
Applicants	only research organizations
Duration	Max. 2 years
Funding (previous Call)	CZK 200 ths./ year (Germany) CZK 100 ths./ year (Austria) CZK 100 ths./ year (France)
Funding rate	100 % for project

MUNI

Applied research

TA ČR (Technology Agency of Czech Republic)

I. TA ČR – national programmes



THÉTA 2 (2024-2031)

Provider: TA ČR

Aim

- to support applied research in energy - transformation and modernisation of the energy sector

Priority areas (Previous Call)

- research in the public interest (PP1)
- energy technology for competitiveness (PP2)
- technologies to ensure the long-term sustainability of the energy sector (PP3)

Next Call in summer 2025

T A
Č R

Call ID	THÉTA 2 (Previous Call)
Applicants	companies, research organizations
Expected results	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, results reflected in directives and non-legislative regulations, specialized map, methodologies, other results
Duration	12-24 months (PP1, PP2) 36-80 months (PP3)
Funding	CZK 15mil./ project (PP1) not specified (PP2, PP3)
Funding rate	90% (PP1) 60% (PP2) 85% (PP3)

[*Definition of types of results](#)

SIGMA (2022-2029)

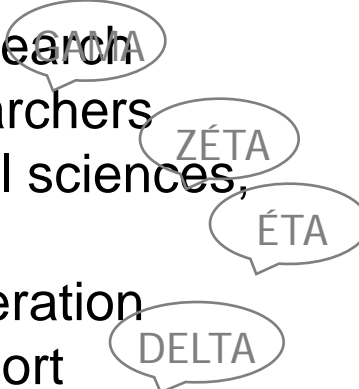
Provider: TA ČR

Aim

- To support applied research and innovation leading to the emergence of new results applicable in practice.

Priority areas

- 1st goal – Pre-application research
- 2nd goal – Early-career researchers
- 3rd goal – Innovation in social sciences, humanities and art
- 4th goal – International cooperation
- 5th goal – Cross-cutting support



Call schedule

Call ID	SIGMA
Applicants	companies, research organizations; state entities, regional and local authorities
Expected results*	all kind of research results by Methodology 2017+ specified by each call
Duration	6months - 7years
Funding	-
Funding rate	Up to 100 % (1st goal up to 100 %, 2nd goal up to 85 %, 3rd goal up to 80 %, 4th goal 75-80 %, 5th goal up to 100 %)

T A
Č R

SIGMA DC1

Provider: TA ČR

TTO MU was awarded PoC project from DC1

Aim

- to fund internal Proof of Concept projects at MU
- to verify applied Research results in terms of their practical application and preparation of their commercial use or use for the needs of society

T A
Č R

Call ID	TTO PoC (Previous Call)
Expected main results	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, results reflected in directives and non-legislative regulations, specialized map, conservation procedure, medical procedure, methodologies, other results
Duration	6-36 months
Funding	CZK 3mil./project
Funding rate	80%

[*Definition of types of results](#)

SIGMA DC2

Provider: TA ČR

Aim

- To support early career researchers (up to 35 years old students or max 5 years after finishing the highest university degree)

Priority areas (previous Call)

- Telemedicine
- AI and sustainable mobility
- Production technologies and materials
- Community energy and its management systems, small-scale energy storage scale

Next Call in spring 2026

Call ID	SIGMA DC2 (Previous Call)
Applicants	companies, research organizations
Expected main results	prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, results reflected in directives and non-legislative regulations, specialized map, conservation procedure, methodologies
Duration	12-24 months
Funding	CZK 5mil./project
Funding rate	85%
Call allocation	CZK 230mil.

[*Definition of types of results](#)

SIGMA DC3

Provider: TA ČR

Aim

- To support the innovation potential of social sciences, humanities and arts

Priority areas

- Social sciences, humanities and arts in applied Research and Innovation activities
- To apply the outputs of these activities in the form of new or substantially improved products, processes, procedures or services

Call 2024 is opened

T A
Č R

Call ID	SIGMA DC3
Deadline	13. 12. 2024
Applicants	companies, research organizations
Expected main results	prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, results reflected in directives and non-legislative regulations, specialized map, conservation procedure, medical procedure, methodologies
Duration	12-42 months
Funding	CZK 12mil./project
Funding rate	80%
Call allocation	TBA

[*Definition of types of results](#)

SIGMA DC5

Provider: TA ČR

Aim

- Cross-sectional support
- To strengthen support for new opportunities in applied research and innovation projects

Priority areas (for Next Calls)

- Geoinfostrategy 01/2025
- Regional innovation ecosystems 04/2025
- AI and semi-conductors 06/2024

Next Call 01/2025

T A
Č R

Call ID	SIGMA DC5 (Previous Call)
Applicants	companies, research organizations, state entities, regional and local authorities
Expected main results	prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, results reflected in directives and non-legislative regulations, specialized map, conservation procedure, medical procedure, methodologies
Duration	60-64 months
Funding	CZK 125mil./project
Funding rate	80%
Call allocation	CZK 500mil.

[*Definition of types of results](#)



Transport 2030

Provider: TA ČR, Ministry of Transport

Aim

- To develop the transport sector in a way that reflects social needs, accelerates the technological and knowledge development of the Czech Republic

Priority areas

- Sustainable, accessible and safe transport
- Automation, digitalization, technologically advanced transport
- Low-emission and environmentally friendly transport

Next call in summer 2025

T A
Č R

Call ID	Transport 2030 (Previous Call)
Applicants	companies, research organizations; state entities, regional and local authorities
Expected results	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, results reflected in directives and non-legislative regulations, methodologies, specialized public database, other results
Duration	12-48 months
Funding	max. CZK 40 mil./ project
Funding rate	70 %

[*Definition of types of results](#)

TREND (2019-2026)

Provider: TA ČR, Ministry of Industry and Trade

Aim

- To support applied research projects which results have high potential for implementation in new products

Subprogrammes

- Technology leadership (subprogramme I)
- "Newcomers" (subprogramme II) - Support for companies that in the last 5 years did not receive more than CZK 1mil. from state or public budgets
- TREND has ended, the TREND II programme will follow in 2026

Next call of TREND II in 2026

Call ID	TREND (subprogramme I)
Applicants	companies, (research organizations only as partners)
Expected results*	patent, technically realized results (prototype/functioning sample, verified technology, software, results with legal protection – utility model/industrial design), methodologies, other results
Duration	12-36 months
Funding	max. CZK 25mil./ project
Intensity rate	70%
Call allocation	300 mil. CZK

[*Definition of types of results](#)

Environment for Life 2

Provider: TA ČR, Ministry of the Environment

Aim

- To bring new solutions in the field of environment, stabilize and expand the knowledge base, which will significantly contribute to ensuring a healthy and quality environment in the Czechia (climate, air protection, circular economy, protection of natural resources, biodiversity, environmentally friendly society)

Subprogrammes

- Innovation and operational research in public interest (PP1)
- New solutions for economy, environment and society (PP2)
- Long-term environmental and climate perspectives (PP3)

Next call in 05/2025

T A
Č R

Call ID	Environment for Life (Previous Call)
Applicants	companies, research organizations, state entities, regional and local authorities
Expected results*	patent, technically realized results (prototype/functioning sample, verified technology, software, results with legal protection – utility model/industrial design)
Duration	12-36 months (PP1) 12-48 months (PP2)
Funding	CZK 12mil./ project (PP1) CZK 15mil. /project (PP2)
Funding rate	85% (PP1), 75% (PP2)
Call allocation	CZK 300mil. (PP1) CZK 150mil. (PP2)

*Definition of types of results

PRODEF (2024-2031)

Provider: TA ČR, Ministry of Defense

Aim

- Defense industry

Subprogrammes

- Support for Czech applicants in the European Defense Fund Calls
- National defense Research Calls

Call 2024 opened (next in 2026)

T A
Č R

Call ID	PRODEF
Call deadline	11 th December, 2024
Applicants	companies, research organizations
Expected results	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, results reflected in directives and non-legislative regulations, methodologies, specialized public database, other results
Duration	12-36 months
Funding	CZK 30mil./ project
Funding rate	70 %

[*Definition of types of results](#)

M U N I

II. TA ČR - international programmes

Partnerships/ERA-NET Cofunds (only Czech part of the project is funded by TA ČR)

<p><u>Biodiversa+</u> Research on biodiversity with an impact for policy and society</p>	<p><u>Water4All</u> Innovations in the field in water resources</p>	<p><u>Driving Urban Transition (DUT)</u> Innovations for cities, municipalities, businesses and citizens</p>
<p><u>Clean Energy Transition (CET)</u> Strengthening energy transformation</p>	<p><u>ERA-MIN</u> Raw materials for sustainable development and the circular economy</p>	<p><u>CHIST-ERA</u> Information and Communication Technologies (ICT)</p>
<p><u>M-ERA.NET</u> Research and Innovation on materials and battery technologies</p>	<p><u>QuantERA</u> Impact on developments in quantum area</p>	<p><u>EnerDigit</u> Smart energy systems</p>

SIGMA DC 4: International collaboration

DC 4: International collaboration
Bilateral collaboration in applied research

T A
Č R M U N I

Biodiversa+

Provider: TA ČR (Partnerships)

Aimed at

- Improved transnational monitoring of biodiversity and ecosystem change for science and society

Priority areas

- Interdisciplinary, transdisciplinary, and/or cross-sectoral research and innovation projects to identify, analyse, and comprehend transformation processes that may halt and reverse biodiversity decline. It should generate knowledge to safeguard biodiversity and ecosystems, as well as the benefits these may provide to people, through transformative change to mitigate and reverse biodiversity threats.

Countries involved

- Austria, Belgium, Brazil, Bulgaria, Denmark, Estonia, Faroe Islands, Finland, France, Germany, Hungary, Iceland, Israel, Italy, Latvia, Lithuania, Moldova, Netherlands, Norway, Poland, Portugal - Azores, Romania, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Taiwan, Tunisia, Turkey

Next Call in summer 2025



T A
Č R

Call ID	Biodiversa+
Deadline	8. 11. 2024
Applicants	research organizations, companies, organizational state units
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, summary research report, specialized public database, specialized map, specialized methodologies, J _{imp} , J _{SC} , J _{ost} , conference, book, chapter in book, summary report, other results
Duration	36 months
Funding	max. EUR 170ths/project
Funding rate	80 %
Call allocation	EUR 1mil. (for Czech part)

[*Definition of types of results](#)

M U N I

Water4All

Provider: TA ČR (Partnerships)

Aimed at

- Water for Circular Economy

Priority areas

- Enhancement of water circularity in industries
- Urban water circularity
- Resource recovery and valorization
- Economic, environmental and social implications of water reuse and recovered products

Countries involved

- Austria, Belgium, Brazil, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Malta, Moldova, Netherlands, Poland, Portugal, Slovakia, South Africa, Spain, Sweden, Switzerland, Tunisia, Turkey, United Kingdom

Next Call in summer 2025



Call ID	Water4All
Deadline	13. 11. 2024
Applicants	research organizations, companies
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, breed, software, industrial and utility design, methodologies, specialized map, results reflected in legislative and non-legislative directives and regulations, other results
Duration	max. 36 months
Funding	max. EUR 150ths./project
Funding rate	80 %
Call allocation	EUR 300ths. (for Czech part)

[*Definition of types of results](#)

Driving Urban Transitions

Provider: TA ČR (Partnerships)

Aim

- Sustainable future for cities

Priority areas (previous Call)

- Transition Pathway Positive Energy Districts
- Transition Pathway 15-Minute City

Countries involved

- Austria, Belgium, Denmark, Estonia, Finland, France, Greece, Greece, Hungary, Italy, South Korea, Lithuania, The Netherlands, Norway, Poland, Portugal, Slovenia, Spain, Turkey, United-Kingdom

Next Call in summer 2025



Call ID	Driving Urban Transitions
Deadline	14. 11. 2024
Applicants	research organizations, companies
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, methodologies, specialized map, certified methodologies, results reflected in legislative and non-legislative directives and regulations, other results
Duration	max. 36 months
Funding	max. EUR 150ths/project
Funding rate	80 %
Call allocation	EUR 550ths (for Czech part)

[*Definition of types of results](#)

Clean Energy Transition

Provider: TA ČR (Partnerships)

Aim

- To boost and accelerate the energy transition and to support the implementation of the European Strategic Energy Technology Plan (SET Plan)

Priority areas (previous Call)

- Net-zero emissions energy systems (TRI 1)
- Storage Technologies, renewable fuels and CCU/CCS (TRI 3)
- Regional Energy Systems (TRI 5)
- Built Environment (TRI 7)

Countries involved

- Austria, Belgium, Canada, Croatia, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Latvia, Lithuania, Malta, Netherlands, Norway, Poland, Portugal, Romania, South Korea, Spain, Sweden, Switzerland, Tunisia, Turkey, United Kingdom, United States

Call 2024 opened

CETPartnership

T A
Č R

Call ID	Clean Energy Transition
Deadline	21. 11. 2024
Applicants	research organizations, companies
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, methodologies, specialized map, other results
Duration	max. 36 months
Funding	max. EUR 200 ths./project
Funding rate	80 %
Call allocation	EUR 800ths. (for Czech part)

[*Definition of types of results](#)

ERA-MIN

Provider: TA ČR (ERA-NET Cofunds)

Aimed at

- Raw materials for sustainable development and the circular economy

Priority areas (previous Call)

- Supply of raw materials from exploration and mining
- Strengthening the Circular Economy
- Processing, Production and ICT
- Environmental assessment, climate and policy development for sustainability
- Social sustainability in health, safety and public perception-cutting topics

Countries involved

- Belgium, Bulgaria, Estonia, France, Finland, Germany, Ireland, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Turkey

Next Call in spring 2026

Call ID	ERA-MIN
Deadline	30. 3. 2023
Applicants	research organizations, companies
TRL	3-9
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, results reflected in non-legislative directives and regulations, certified methodologies, specialized map, conservation procedure, medical procedure, other results
Duration	Max 36 months
Funding	EUR 350ths./project
Funding rate	85%
Call allocation	EUR 800ths.

*Definition of types of results

CHIST-ERA

Provider: TA ČR (ERA-NET Cofunds)

Aimed at

- Information and Communication Technologies

Priority areas

- Multidimensional Geographic Information Systems
- Smart Contracts for Digital Transformation Ecosystems

Countries involved

- Belgium, Brazil, Bulgaria, Finland, France, Hungary, Ireland, Israel, Latvia, Lithuania, Luxembourg, Poland, Romania, Slovakia, Spain, Switzerland, Taiwan, Turkey, United Kingdom



T A
Č R

Call 2025?

Call ID	CHIST-ERA
Deadline	10. 4. 2024 (Previous Call)
TRL	3-9
Applicants	research organizations, companies
Expected results*	patent, functioning sample, pilot plant, verified technology, software, results reflected in non-legislative directives and regulations, industrial and utility design, certified methodologies, medical procedure, conservation procedure, other results
Duration	24 or 36 months
Funding	Not specified/project
Funding rate	80%
Call allocation	EUR 500ths

[*Definition of types of results](#)



M-ERA.NET

Provider: TA ČR (ERA-NET Cofunds)

Aimed at

- Materials research and innovation

Priority areas

- Sustainable advanced materials for energy
- Innovative surfaces, coatings and interfaces
- High performance composites
- Functional materials
- Materials addressing environmental challenges
- Next generation materials for advanced electronics

Countries involved

- Austria, Belgium, Brazil, Bulgaria, Canada (Québec), Croatia, Denmark, Estonia, Finland, France, Germany, Hungary, Israel, Latvia, Lithuania, Luxembourg, Poland, Romania, Slovakia, Slovenia, South Africa, South Korea, Spain, Switzerland, Taiwan, Turkey



T A
Č R

Next Call 03/2025

Call ID	M-ERA.NET
Deadline	05. 03. 2024
Applicants	research organizations, companies
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial design, utility model, methodologies, results reflected in non-legislative directives and regulations, medical procedure, conservation procedure, other results
Duration	36 months
Funding	max. EUR 350ths./project
Funding rate	80 %
Call allocation	EUR 1 450 ths. (for Czech part)

*Definition of types of results

QUANTERA

Provider: TA ČR (ERA-NET Cofunds)

Aimed at

- Quantum technologies

Priority areas

- Quantum Phenomena and Resources
- Applied Quantum Science

Countries involved

- Austria, Belgium, Bulgaria, Canada (Québec), Croatia, Denmark, Estonia, Finland, France, Germany, Hungary, Israel, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, United Kingdom



T A
Č R

Next Call in summer 2025

Call ID	QUANTERA
Deadline	11. 05. 2023
Applicants	research organizations, companies
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial design, utility model, methodologies, results reflected in non-legislative directives and regulations, medical procedure, conservation procedure, specialized map, other results
Duration	24 or 36 months
Funding	Not specified/project
Funding rate	85 %
Call allocation	EUR 750 ths. (for Czech part)

*[Definition of types of results](#)

SIGMA: DC4

Provider: TA ČR (international bilateral coop.)

Aim

- Increase the number of specific results and enhance the competitiveness through bilateral/multilateral cooperation with a foreign partner in applied research

Priority areas

- Specified separately by each of the foreign organization

Countries involved (Previous Call)

- France, Germany – Saxony, South Korea, Taiwan, USA

Next Call in May 2025

T A
Č R

Call ID	DC4
Applicants	companies; (research organizations only as partners)
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, methodologies, specialized public database, other results
Duration	12 - 36 months
Funding	CZK 20mil. / project
Funding rate	75 %
Call allocation	approx. CZK 235mil.

[*Definition of types of results](#)

M U N I

Applied research

Departmental Programmes (Ministries)

AZV (2024-2030)

Provider: Ministry of Health

Aim

- To ensure an internationally comparable level of medical research and the use of its results to improve the health of the Czech population and to secure the current needs of the health service in the Czech Republic

Priority areas

- Incidence and development of diseases
- New diagnostic and therapeutic methods
- Epidemiology and prevention of the most serious diseases

Subprogrammes

- I. Further development of the existing platform of applied medical research in the Czech Republic
- II. Support of young researchers
- III. European Partnerships



Next Call in February 2025

Call ID	AZV
Applicants	research organizations, companies
Expected results*	main results - J_{imp} , utility model, prototype, functioning sample, methodologies, patent, software, pilot plant, verified technology secondary results – J_{imp} (Review, Letter), J_{sc} , book, chapter in book
Duration	44 months
Funding	not limited (subp. I), max. 7 mil. CZK/project (subp. II)
Funding rate	up to 100 %
Call allocation (Previous Call)	CZK 200 mil. (subp. I) CZK 20 mil. (subp. II)

*Definition of types of results

MUNI

AZV – international programmes



European Partnerships

ERDERA

Výzkum v oblasti vzácných onemocnění

ERA4Health

Výzkum v oblasti Evropského výzkumného prostoru pro zdravotnický výzkum

PerMed

Výzkum v oblasti personalizované medicíny

THCS

Výzkum v oblasti systémů zdravotní péče

1st Calls in 11-12/2024

OH AMR

Výzkum v oblasti antimikrobiální rezistence

BE-READY

Výzkum v oblasti připravenosti na zdravotní hrozby

1st Calls in 2025/2026

ERA4Health

Provider: Ministry of Health (Partnerships)

Aimed at

- Support randomized, interventional and pragmatic comparative-effectiveness multi-country Investigator-Initiated Clinical Studies
- To encourage and enable transnational collaboration between clinical/public health research teams

Priority areas of the 1st Call

- Cardiovascular diseases
- Metabolic disorders
- Nutrition and lifestyle-related diseases
- Non-communicable respiratory diseases

Countries involved

- Austria, France, Germany, Ireland, Italy, Latvia, Lithuania, Norway, Poland, Slovakia, Spain



1st Call in November 2024

Call ID	ERA4Health
Deadline	28. 01. 2025 (pre-proposal)
Applicants	research organizations, companies, health sector
Expected results*	TBA
Duration	36 months
Funding	TBA
Funding rate	TBA
Call allocation	EUR 500 ths. (for Czech part)

[*Definition of types of results](#)

ERDERA

Provider: Ministry of Health (Partnerships)

Aimed at

- Rare diseases

Priority areas of the 1st Call

- Development of pre-clinical therapies using cell, organoid, or animal models
- Biomarker identification that correlates with therapeutic efficacy
- Biomarker identification that correlates with therapeutic efficacy

Countries involved

- Austria, Belgium, Bulgaria, Canada, Cyprus, Denmark, Estonia, France, Germany, Hungary, Iceland, Israel, Italy, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Slovakia, Spain, Sweden, Switzerland, Turkey



1st Call in December 2024

Call ID	ERDERA
Deadline	13. 02. 2025 (pre-proposal)
Applicants	research organizations, companies, health sector
Expected results*	TBA
Duration	24 or 36 months
Funding	TBA
Funding rate	TBA
Call allocation	EUR 500 ths. (for Czech part)

[*Definition of types of results](#)

THCS

Provider: Ministry of Health (Partnerships)

Aimed at

- Ensuring high-quality, sustainable health and care services by fostering transnational collaboration, aligning regional and national research strategies, and promoting interdisciplinary excellence

Priority area of the 3rd Call

- Better care closer to home: Enhancing primary and community care

Countries involved

- Austria, Belgium, Denmark, Estonia, Finland, France, Iceland, Ireland, Israel, Italy, Latvia, Lithuania, Malta, Netherlands, Norway, Poland, Portugal, Slovenia, Spain, Sweden, Switzerland



3rd Call in November 2024

Call ID	THCS
Deadline	30. 01. 2025 (pre-proposal)
Applicants	research organizations, companies, NGOs, health sector
Expected results*	TBA
Duration	12 or 36 months
Funding	TBA
Funding rate	TBA
Call allocation	EUR 500 ths. (for Czech part)

[*Definition of types of results](#)

NAKI III (2023-2030)

Provider: Ministry of Culture

Aim

- To focus on national and cultural identity and art

Priority areas

- National identity and Cultural heritage (history and archeology, linguistic, literary and cultural identity, art, cultural heritage and historical places)



Next Call ?

Call ID	NAKI III
Applicants	research organizations, companies (only as partners)
Expected results*	primary results: utility model, industrial design, prototype, functional sample, certified methods, patent, software, pilot plant, proven technology, exhibition secondary results: J _{imp} , book, chapter in book, workshop, conference and others
Duration	First call - 5 years Second call - 4 years Third call - 3 years
Funding rate	100% (for research org.)
Program allocation	CZK 3 mld.

*Definition of types of results

M U N I

OPSEC (2023-2029)

Provider: Ministry of Interior

Aim

- To support R&D activities in the field of security of the state and its citizens in accordance with the characteristic needs of the security system and societal needs in the field of security

Subprogrammes

- I. Development of law enforcement capacity
- II. Crisis preparedness of security and rescue forces
- III. Resilient society

Next Call in 2025

Call ID	OPSEC
Applicants	companies, research organizations
Expected results*	all applied research results specified by each call
Duration	24-48 months
Funding	specified by the call
Funding rate	up to 100 % (for research org.)

[*Definition of types of results](#)

ZEMĚ II (2024-2032)

Provider: Ministry of Agriculture

Aim

- Sustainable agriculture through new research knowledge

Subprogrammes

- I. Innovative agriculture and forestry through advanced practices and technologies
- II. Support of state policy in the agriculture

Next Call in 03/2025

Call ID	ZEMĚ II
Applicants	research organisations, companies, state entities
Expected results*	J_{imp} , J_{SC} , J_{ost} , prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, results reflected in directives and non-legislative regulations, specialized map, conservation procedure, medical procedure, methodologies, conference, workshop, other results
Duration (previous Call)	2-5 years (subp. I) 2-3 years (subp. II)
Funding	not specified
Funding rate	85 % for project (subp. I) 100 % for project (subp. II)

*Definition of types of results

M U N I

MU Internal projects

GAMU (MUNI Grant Agency)

Provider: MU

Research support programme	Call deadline	Duration	Allocation / year
HORIZONS Support for Preparation of International Projects	continuously	individual	CZK 1 mil. / Call allocation
Career Restart	18. 10. 2024	2 years	CZK 0,5 mil. / project
MASH	9. 12. 2024	5 years	CZK 5 mil. / project
MASH StG/CoG	9. 12. 2024	4 years	CZK 3 mil. / project
MUNI Junior Star	December 2024	2 years	CZK 2 mil. / project
MUNI Scientist	4. 10. 2024	award	CZK 2 mil. / Call allocation

Grants for students	Call deadline	Duration	Call Allocation
Outstanding diploma thesis	31. 1. 2025	1 year	CZK 1 mil.

M U N I

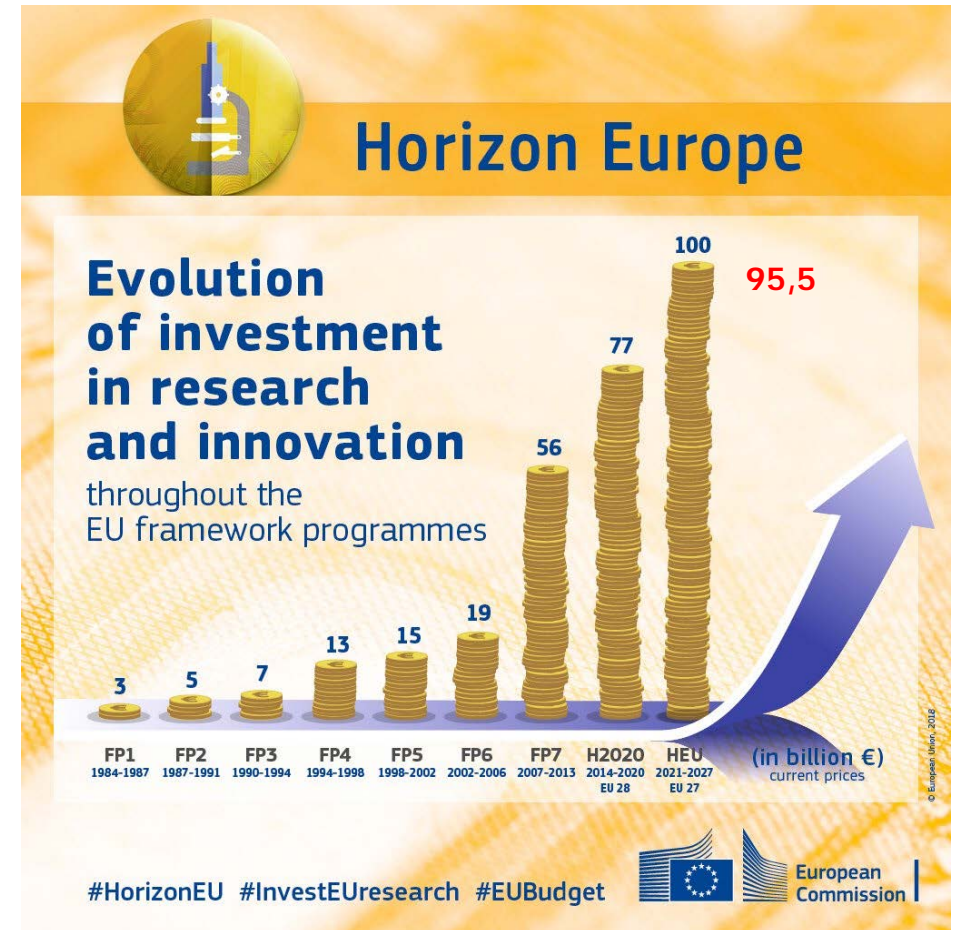
Horizon Europe

(European Union)

European Framework Programmes

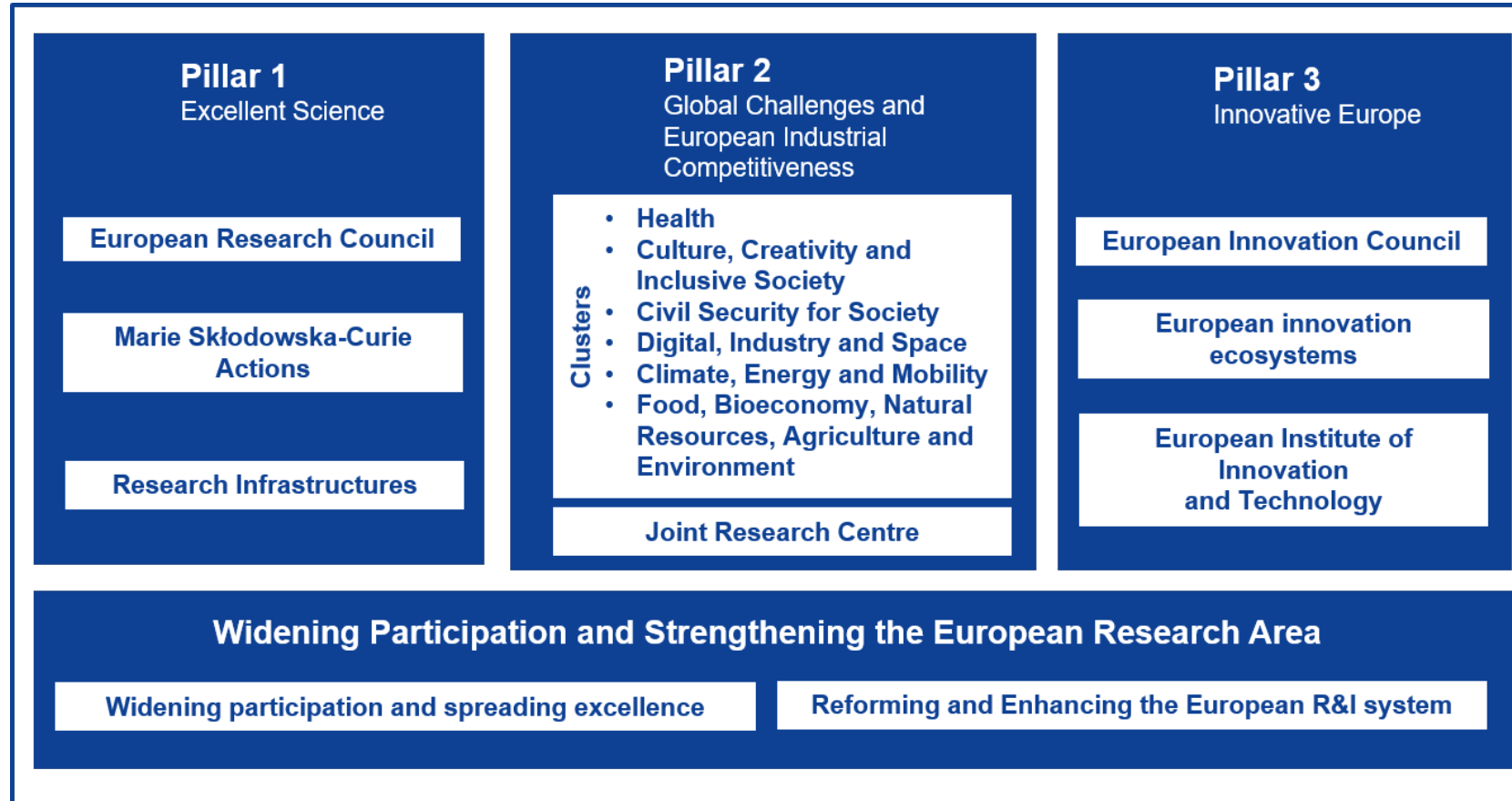
provider: European Union

- 7-year programming periods
- 2007-2013: 7th Framework Programme (FP7)
- 2014-2020: Horizon 2020 (H2020)
- 2021-2027: Horizon Europe (HE)
- large part to address the big challenges faced by Europe (and globally) through applied research
 - Green Deal
 - Twin Transition (Green / Digital)
 - Deep Tech
 - Widening Participation
 - UN Sustainable Development Goals (SDGs)

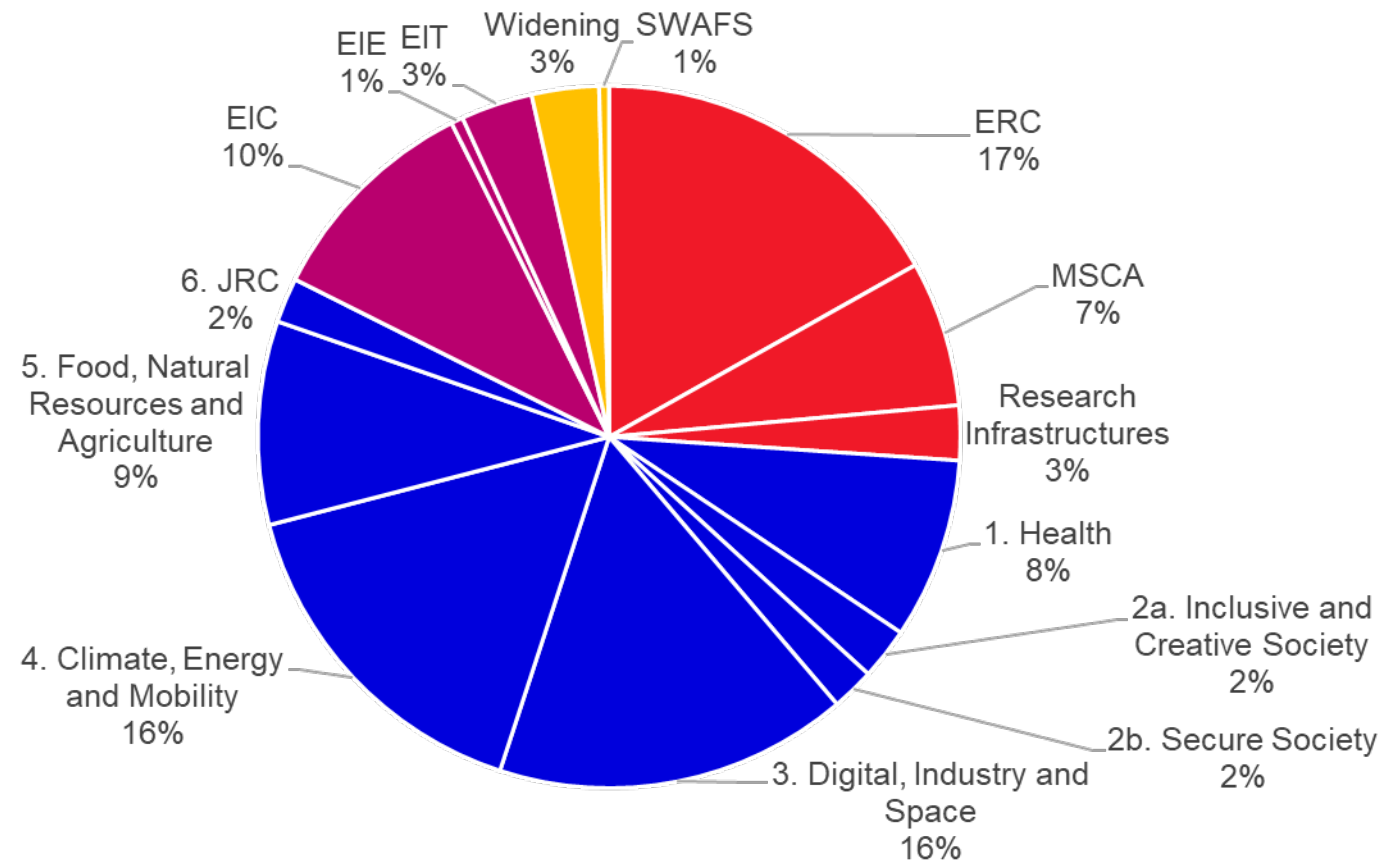


Horizon Europe: structure

2021-2027 provider: European Union

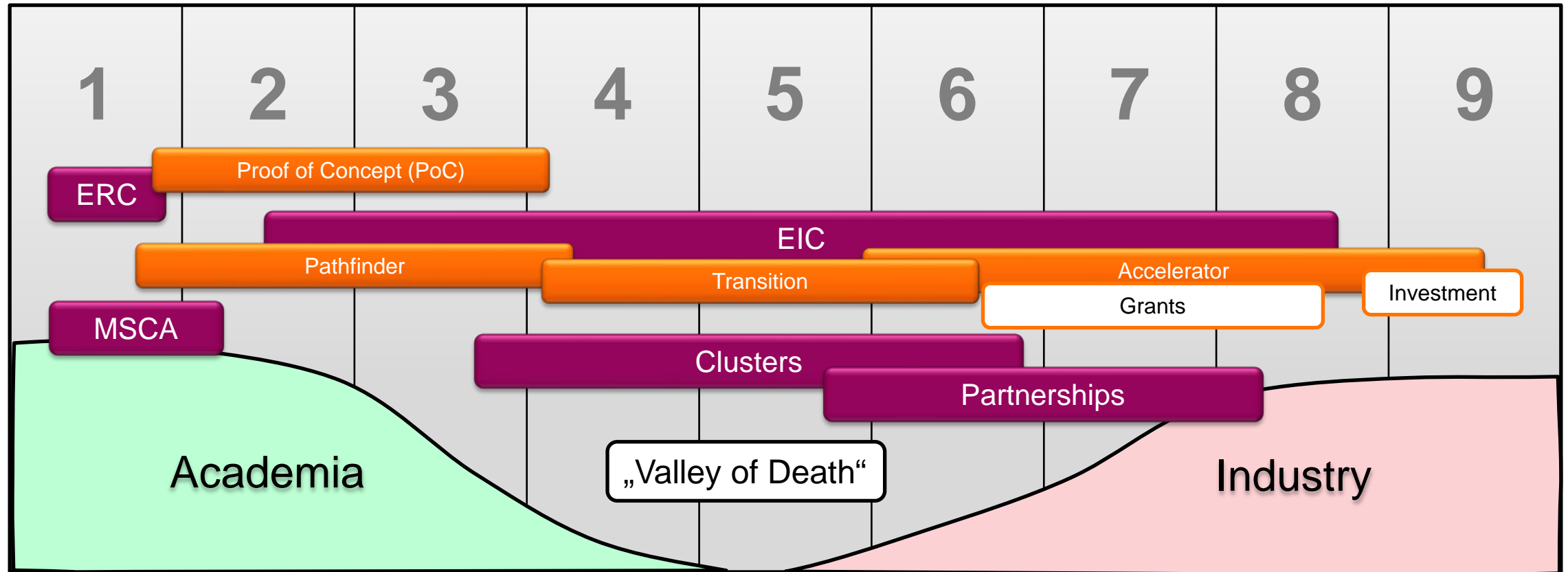


Horizon Europe: budget



Horizon Europe: TRLs

2021-2027 provider: European Union



Horizon Europe: conditions

2021-2027 provider: European Union

- Work Programmes (WPs) – need to fit in a topic (Pillar 2)
- At least 3 partners from 3 different EU/associated countries (more demands resulting from WPs)
- RIA = research and innovation action; CSA = coordination and support action
 - 100% financing for all
- IA = innovation action
 - 100% financing for academia; 70% for industry
- Partnerships
 - Co-financed by Horizon, separate calls (e.g. at TAČR, MEYS)
- special actions in ERC, MSCA, EIC

Horizon Europe: Pillar 1

2021-2027 provider: European Union

- European Research Council ([ERC](#))
 - Supporting breakthrough research based on excellence only (of the PI and the project)
- Marie Skłodowska-Curie Actions ([MSCA](#))
 - Mobility of researchers in various career stages
 - Individual and collaborative projects
- Research Infrastructures
 - Strategic support of large infrastructures and their networks
 - Clearly targeted calls – need to have a significant role in the community to be able to participate

ERC Starting Grant

Horizon Europe – Pillar 1 – ERC

- next ddl: probably Oct 2025
- 2-7 years after PhD (without career breaks)
- essential condition:
 - **independence** from PhD supervisor
- demonstration:
 - postdoc **abroad**
 - **publications as first author** without PhD supervisor
- target:
 - establishment of PI's **independent research team and agenda**
 - departure on a new scientific question, though the PI needs to show expertise in the methodology used

Applicants	Individual Principal Investigators
Funding	Grants 1.5(+1) million EUR, 100% funding
TRL	1-2 (not defined)
Duration	5 years
Purpose	Establishment of new independent research teams working on breakthrough topics

ERC Consolidator Grant

Horizon Europe – Pillar 1 – ERC

Applicants	Individual Principal Investigators
Funding	Grants 2(+1) million EUR, 100% funding
TRL	1-2 (not defined)
Duration	5 years
Purpose	Consolidation of independent research teams working on breakthrough topics

- next ddl: 14 Jan 2025
- 8-12 years after PhD (without career breaks)
- expectations:
 - PI already has a team / **research group**
- demonstrated by:
 - PI's funding track record
 - **publications as corresponding author**
 - some preliminary results
- target:
 - **consolidation** of the team and its research directions
 - the research questions and/or methodology need to be novel and original (to the PI and to the world)

ERC Advanced Grant

Horizon Europe – Pillar 1 – ERC

- next ddl: 28 Aug 2025
- 12+ years after PhD
- expectations:
 - **global leadership** in the field
- demonstrated by:
 - **10-year** scientific track-record
 - publications, grants, invited talks
- target:
 - **departure on a new direction / topic**
 - even for the most established researchers, the ERC project needs to go „**beyond their comfort zone**“

Applicants	Individual Principal Investigators
Funding	Grants 2.5(+1) million EUR, 100% funding
TRL	1-2 (not defined)
Duration	5 years
Purpose	Breakthrough research projects of senior investigators

ERC Synergy Grant

Horizon Europe – Pillar 1 – ERC

Applicants	2-4 Individual Principal Investigators
Funding	Grants 10(+4) million EUR, 100% funding
TRL	1-2 (not defined)
Duration	6 years
Purpose	Unique synergy between several PIs enabling very ambitious breakthrough research

- next ddl: probably Nov 2025
- teams of 2-4 PI's (any career stage); one may be from outside of Europe; all may be from one country / institution
- expectations:
 - research enabled by **unique combination of expertise of the PIs**
 - ambition needs to go beyond what the PIs would be able to achieve independently
- PI profile evaluated according to their career stage

– *What else in ERC? ERC Proof of Concept: only for holders of other ERC*

MSCA-DN

Horizon Europe – Pillar 1 – MSCA Doctoral Networks

- next ddl: 25 Nov 2025
- An international (interdisciplinary and inter-sectoral) consortium sets up a common research-training programme for doctoral students
- For international, inter-sectoral and interdisciplinary mobility leading to skills and knowledge development and knowledge transfer
- Open and fair recruitment of international PhD students; all beneficiaries must recruit at least one doctoral candidate
- Bottom-up research topics!
- Built on joint research and innovation activities

Applicants	Min. 3 inst. from 3 countries
Funding	Unit costs; up to 360 personmonths (36 months per student = 10 students)
TRL	1-? (not defined)
Duration	4 years
Purpose	Hiring of PhD students from abroad and providing them with attractive training

MSCA-SE

Horizon Europe – Pillar 1 – MSCA Staff Exchanges

- next ddl: 8 Oct 2025
- MOBILITY through secondments (1-12 months long)
- For international, inter-sectoral and interdisciplinary mobility of R&I staff leading to knowledge transfer between participating organisations
- Bottom-up research topics!
- Built on joint research and innovation activities

Applicants	Min. 3 inst. from 3 countries
Funding	Unit costs; up to 360 months of secondments
TRL	1-? (not defined)
Duration	4 years
Purpose	International (beyond Europe) and intersectoral mobility supporting implementation of research project

MSCA-PF

Horizon Europe – Pillar 1 – MSCA Postdoctoral Fellowship

- next ddl: 10 Sep 2025
- Funding all research domains
- For researchers holding a PhD, that have not resided/studied/worked in the country of their host organisation for more than 12 months in the 36 months immediately prior to the deadline (Mobility rule)
- Two types of fellowships
 - European Fellowships (EF): 12-24 months
 - Global Fellowships (GF): 24-36 months (12-24 outgoing & 12 months mandatory return phase in MS/AC). For MS/AC nationals and long-term residents.
- *What else in MSCA? MSCA-COFUND: requires significant co-financing*

Applicants	Individual postdocs
Funding	Unit costs; up to 24 personmonths (+12 for return phase of Global fellowships)
TRL	1-? (not defined)
Duration	1-2(+1) years
Purpose	International mobility of postdocs enhancing their career perspectives

Horizon Europe: Pillar 2

2021-2027 provider: European Union

- Thematic „Clusters“:
 - Health
 - Culture, Creativity and Inclusive Society
 - Civil Security for Society
 - Digital, Industry and Space
 - Climate, Energy and Mobility
 - Food, Bioeconomy, Natural Resources, Agriculture and Environment
- Collaborative projects
- Top-down defined topics
- Open calls – for [MUNI employees](#); or on [F&T Portal](#)

Horizon Europe: missions

2021-2027 provider: European Union

- Conquering **Cancer**: Mission Possible
- A **Climate** Resilient Europe - Prepare Europe for climate disruptions and accelerate the transformation to a climate resilient and just Europe by 2030
- Mission Starfish 2030: Restore our **Ocean and Waters**
- 100 **Climate-Neutral Cities** by 2030 - by and for the citizens
- Caring for **Soil** is Caring for Life

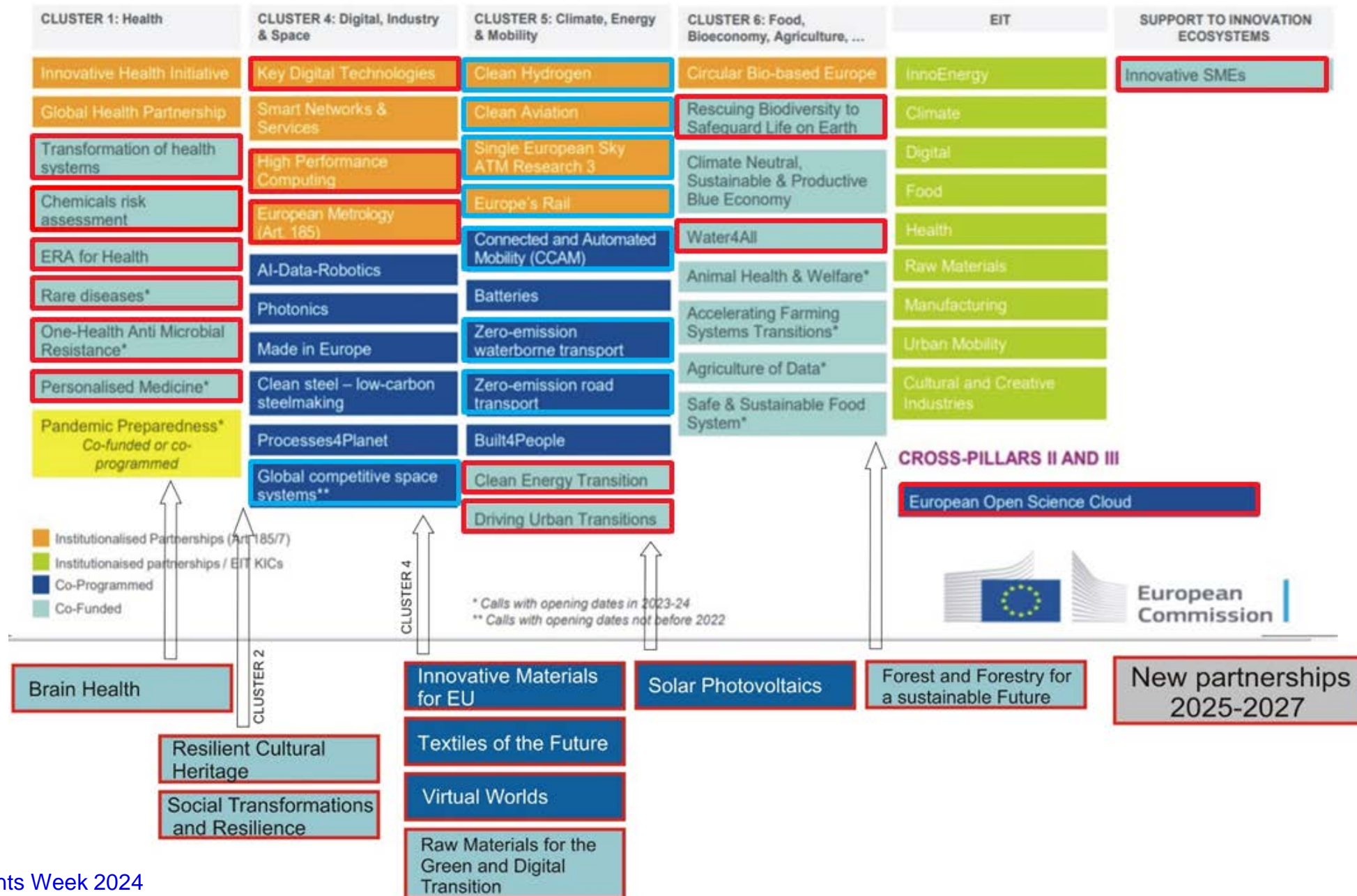
Horizon Europe: partnerships

2021-2027 provider: European Union

- ?simplification?: PARTNERSHIPS
 - co-programmed: JPIs
 - co-funded: ERA-NETs
 - institutionalized: EIT KIC
 - 49 proposed
- info on partnerships in all areas available at EC website:
 - Health: https://ec.europa.eu/info/horizon-europe/european-partnerships-horizon-europe/candidates-european-partnerships-health_en
 - Digital, Industry and Space: https://ec.europa.eu/info/horizon-europe/european-partnerships-horizon-europe/candidates-digital-industry-and-space_en
 - Climate, Energy and Mobility: https://ec.europa.eu/info/horizon-europe/european-partnerships-horizon-europe/candidates-climate-energy-and-mobility_en
 - Food, Bioeconomy, Natural Resources, Agriculture, and Environment: https://ec.europa.eu/info/horizon-europe/european-partnerships-horizon-europe/candidates-food-security_en
 - across themes: https://ec.europa.eu/info/horizon-europe/european-partnerships-horizon-europe/candidates-across-themes_en

PILLAR II - Global challenges & European industrial competitiveness

PILLAR III - Innovative Europe



European Innovation Council (EIC)

Horizon Europe – Pillar 3

- Pathfinder
- Transition
- Accelerator
- open & challenge calls
- grants (reimbursement of costs) & investments (equity, guarantee)
- EIC Programme Managers: proactive approach and portfolios

EIC Pathfinder

Horizon Europe – Pillar 3

Applicants	International consortium projects
Funding	Grants 3-4 million EUR, 100% funding
TRL	1-3/4
Duration	2-4 years
Purpose	Proof of principle and validation of the scientific basis of breakthrough technology

– Gatekeepers:

- Convincing **long-term vision of a radically new technology** that has the potential to have a transformative positive effect to our economy and society.
- Concrete, novel and ambitious **science-towards-technology breakthrough**, providing advancement towards the envisioned technology.
- **High-risk/high-gain research** approach and methodology, with concrete and plausible objectives.

– Expected outcome:

- Proof of principle that the main ideas of the envisioned future technology are feasible, thus validating its scientific and technological basis.

– Possible top-up to develop commercialization (business) plans

- 3x 50,000 EUR fixed amount

EIC Transition

Horizon Europe – Pillar 3

Applicants	Single entities or small consortia
Funding	Grants up to 2.5 million EUR, 100% funding
TRL	3/4-5/6
Duration	2-4 years
Purpose	Validate and demonstrate technology (building on H2020/HE results) in application-relevant environment

– Pathways beyond fundamental research:

- focused **collaborative project** to further develop strategic and high impact technologies towards specific applications while improving also the market readiness;
- an **individual SME** (including start-ups, spin-offs) identifies a market opportunity to apply the results of a Pathfinder or ERC Proof of Concept project towards a specific market application;
- a team of innovative researchers within a **research or technology organisation** who want to turn selected project results into a viable product by looking for a suitable business model or creating a start-up or spin-off;
- or others models.

– Expected outcomes:

- **investment-ready innovation and a business plan**

– Possible top-up to develop portfolio activities

- 1x 50,000 EUR fixed amount



EIC Accelerator

Horizon Europe – Pillar 3

– Supporting innovations:

- building on scientific discovery or technological breakthroughs (**‘deep tech’**)
- where significant funding is needed over a long timeframe before returns can be generated (**‘patient capital’**)

– Components:

- **grant**: reimbursement of costs of R&I project
- **investment**: equity or guarantee
- **blended finance**: combination of grant and investment
- Business Acceleration services

Applicants	Single entities: Start-ups, SMEs, individuals (starting up a company) and small mid-caps (investment only)
Funding	Grants up to 2.5 million EUR, 70% funding Investments 0.5 to 15 million EUR (optional)
TRL	5/6-8 (grants); 9 and scale-up (investment)
Duration	2 years grants; 7-10 years investment
Purpose	Grant for technology development and validation; Investment for market deployment and scale-up



Teaming

Horizon Europe – Widening

- next deadline: 10 Apr 2025
- not a research action
- supported activities:
 - transfer of knowledge from advanced partner(s)
 - human resources to build capacities for the Centre of Excellence (CoE), both scientific and administrative/managerial
 - preparing R&I strategy for the CoE
 - dissemination and exploitation
 - max 10% of budget can be dedicated to research activities

Applicants	1 Centre of Excellence from Widening + min. 1 advanced partner
Funding	Up to 15 million EUR, 100% funding Need commitment from national level for at least the same amount as asking from HE
TRL	Not defined; could be approx. 1-5
Duration	6 years
Purpose	Founding or significantly upgrading a Centre of Excellence.

Twinning

Horizon Europe – Widening

- next deadline: sometime in 2026
- not a research action
- supported activities:
 - knowledge exchange
 - mobility (fellowships)
 - organization of seminars, workshops, conferences
 - development of joint R&I strategies
 - actions to improve project / support offices at the Widening institution
 - dissemination and exploitation
 - max 30% of budget can be dedicated to research activities

Applicants	1 Widening partner + Min. 2 advanced partners
Funding	Up to 1.5 million EUR, 100% funding
TRL	Not defined; could be approx. 1-5
Duration	3 years
Purpose	Stimulating interactions to develop a particular research area at a Widening institution

ERA Chairs

Horizon Europe – Widening

- next deadline: sometime in 2027
- not a research action
- supported activities:
 - institutional development
 - start-up (wages, travel) for new research group(s)
 - organization of seminars, workshops, conferences
 - actions to improve project / support offices at the Widening institution
 - dissemination and exploitation
 - max 10% of budget can be dedicated to research costs (e.g. consumables)

Applicants	1 Widening institution
Funding	Up to 2.5 million EUR, 100% funding
TRL	Not defined; could be approx. 1-5
Duration	5 years
Purpose	Establishment of a new research group with support from a leading researcher

Excellence Hubs

Horizon Europe – Widening

- next deadline: maybe 2026
- not a research action
- supported activities:
 - developing of joint R&I strategies and investment plans
 - stimulating interactions between academic, private, governmental and societal sectors
 - knowledge exchange (mobility, events)
 - dissemination and exploitation
 - joint pilot R&I projects

Applicants	2 regional innovation ecosystems from Widening countries, incl. at least one well established company from each country
Funding	Up to 5(6) million EUR, 100% funding
TRL	Not defined; could be approx. 1-5
Duration	4 years
Purpose	Developing a partnership of regional innovation ecosystems comprising full quadruple helix

Widening Participation – new schemes

Horizon Europe – Horizontal

- „**Hop On**: up to 1 mil. EUR to hop into a funded project which so far did not have any partner from Widening countries (*deadlines 4 Sep 2025*)
- **European Excellence Initiative**: up to 6 mil. EUR to improve collaboration in already existing alliances (*deadline 20 Nov 2025*)
- **Pathways to Synergies**: up to 1,2 mil. EUR to develop strategy to (1) exploit outcomes / infrastructures funded by ERDF in HE (OPJAK->HE) or (2) valorize of HE results with use of ERDF (HE->OPTAK) (*currently no deadline*)
- **ERA Talents**: up to 3 mil. EUR for experimental mobility projects with strong intersectoral dimension (*currently no deadline*)

Funding & Tenders Portal

Horizon Europe – information source

- Current calls available here:
 - <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search>
- One portal for submission of proposals, administration and reporting of running projects, and also selection of evaluators
([EXPERT AREA](#))

Thank you for your attention!