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)
  - European Partnerships/Joint Programming
  - INTER-EXCELLENCE II
  - Mobility

Applied research

- **TA ČR** (Technology Agency of the Czech Republic)
  - THÉTA
  - SIGMA
  - TRANSPORT 2030 (Ministry of Transport)
  - TREND (Ministry of Industry and Trade)
  - Environment for Life 2 (Ministry of the Environment)
  - PRODEF (Ministry of Defense)
  - European Partnerships/International programmes
- **Departmental Programmes** (Ministries)
  - AZV (Czech Health Research Council)
  - NAKI III (Ministry of Culture)
  - TWIST (Ministry of Industry and Trade)
  - IMPAKT 2 (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

MUNI

MU in numbers

MU in numbers

09/2025

1st institution in the Czech Republic in funds received from H2020/HE projects (09/2025)	**123** participations in H2020 projects (09/2025)	**114** participations in HE projects (09/2025)	**6** ongoing ERC grants, 16 ERC grants in total at MU (09/2025)
37 H2020 and HE projects coordinated by MU (09/2025)	**9,5 billion CZK** Total budget MU (Total non-investment cost for 2024)	**3,5 bilion CZK** R&D budget (2024)	**225** ongoing GA ČR projects (09/2025)
85 ongoing TA ČR projects (09/2025)	**7 208** MU employees (average annualized for 09/2025)	**37 156** students (09/2025)	**2 126** PhD studies (09/2025)

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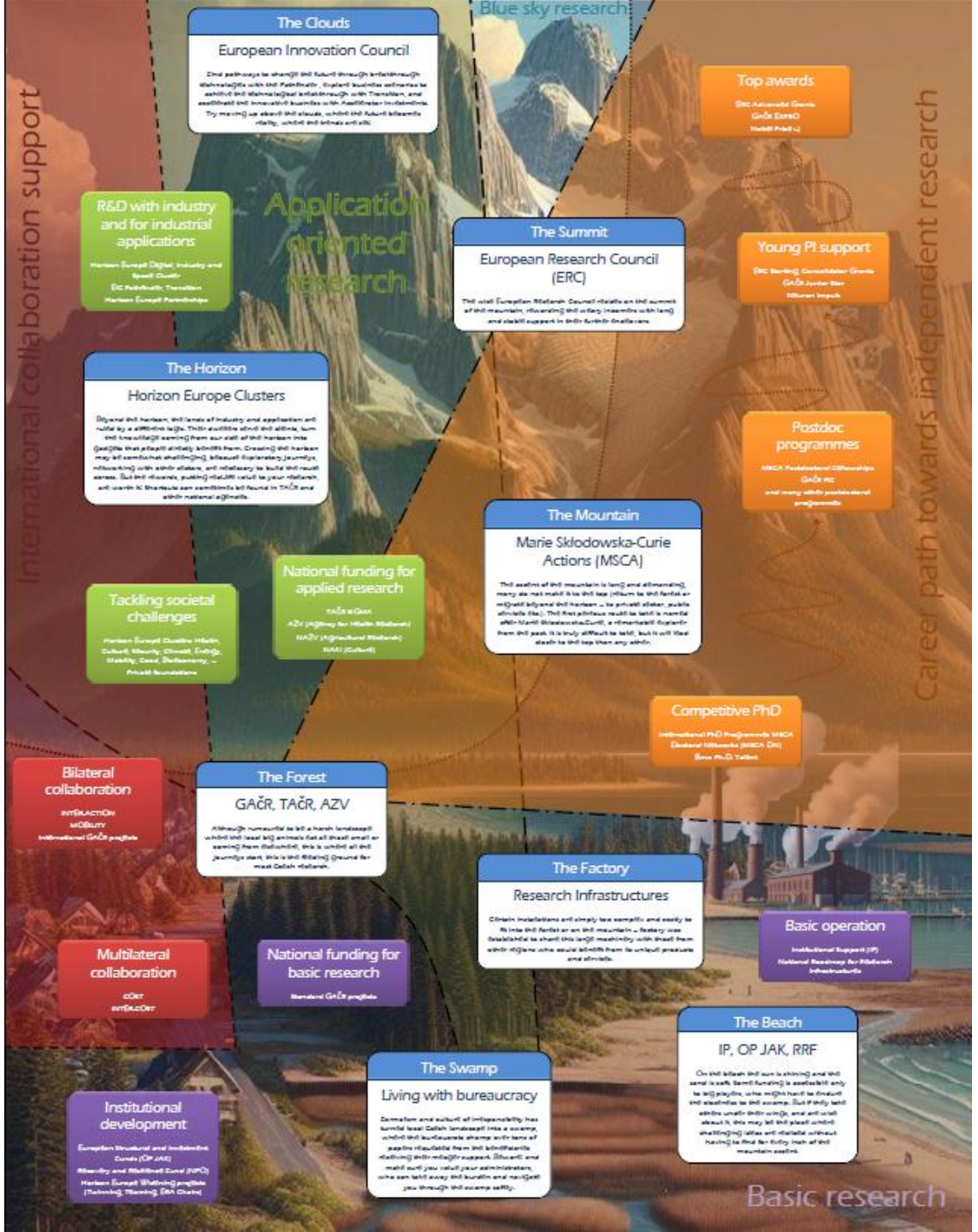
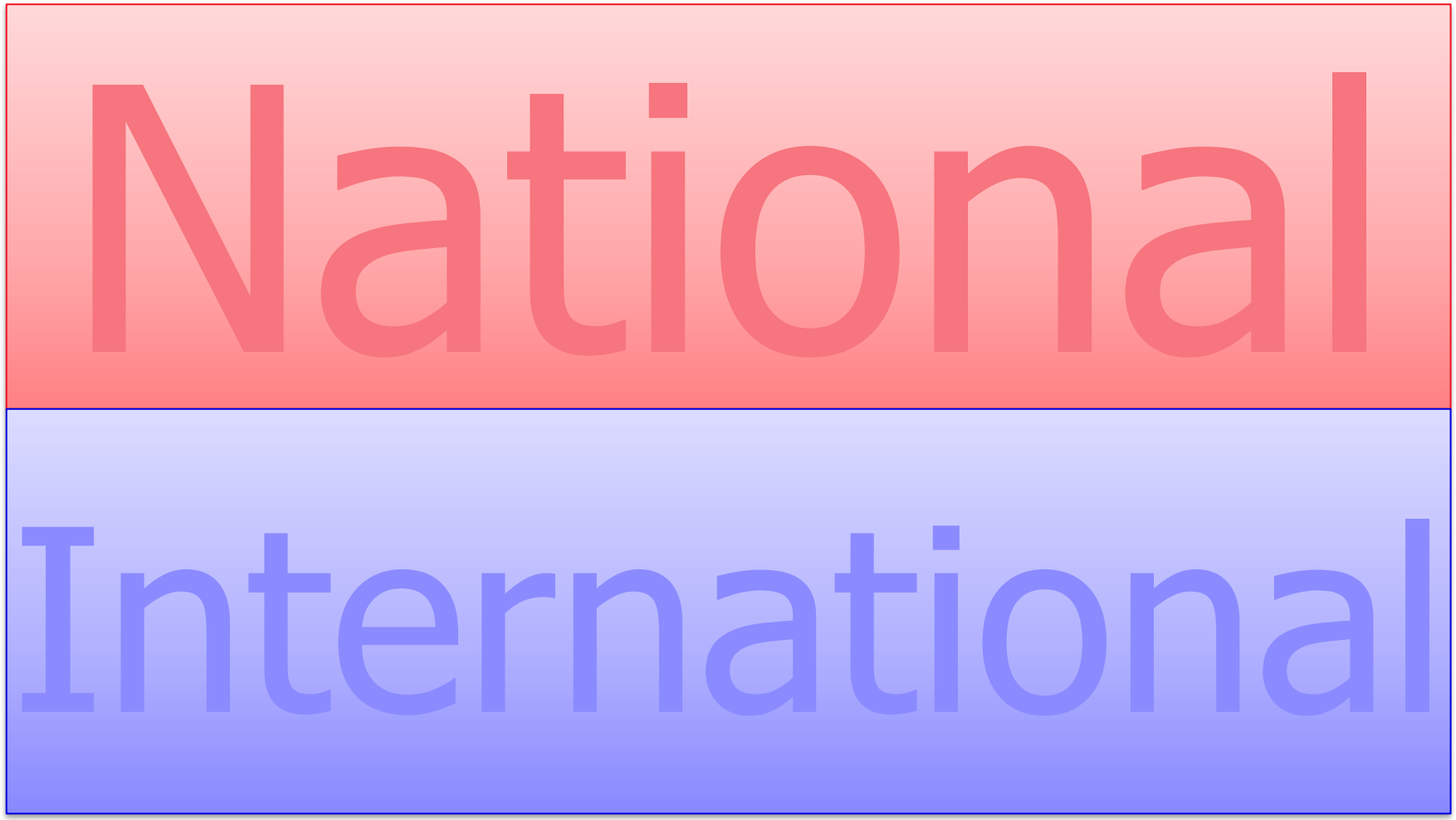
Funding Landscapes

Funding Landscapes



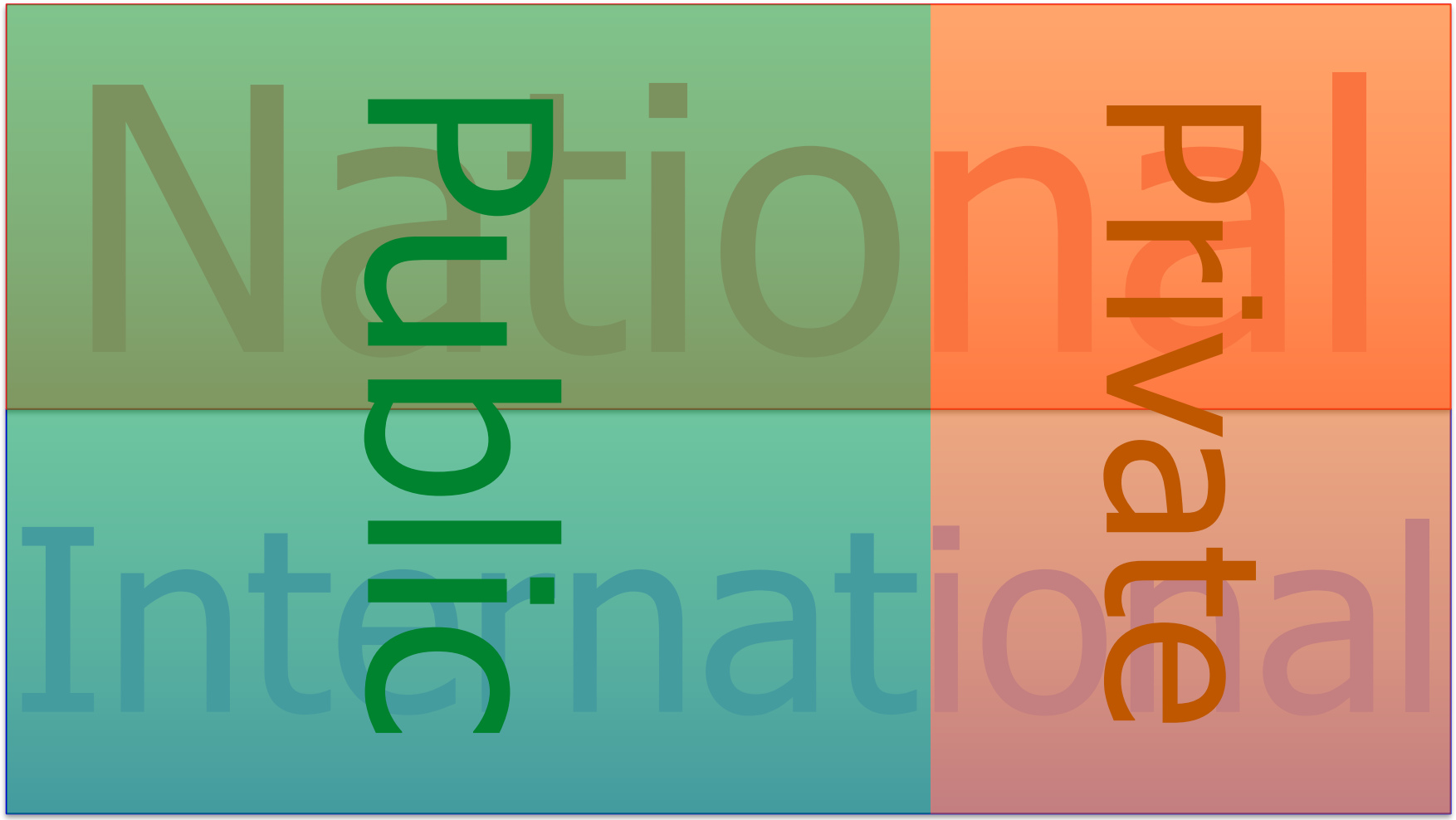
MUNI

Research funding



MUNI

Research Funding



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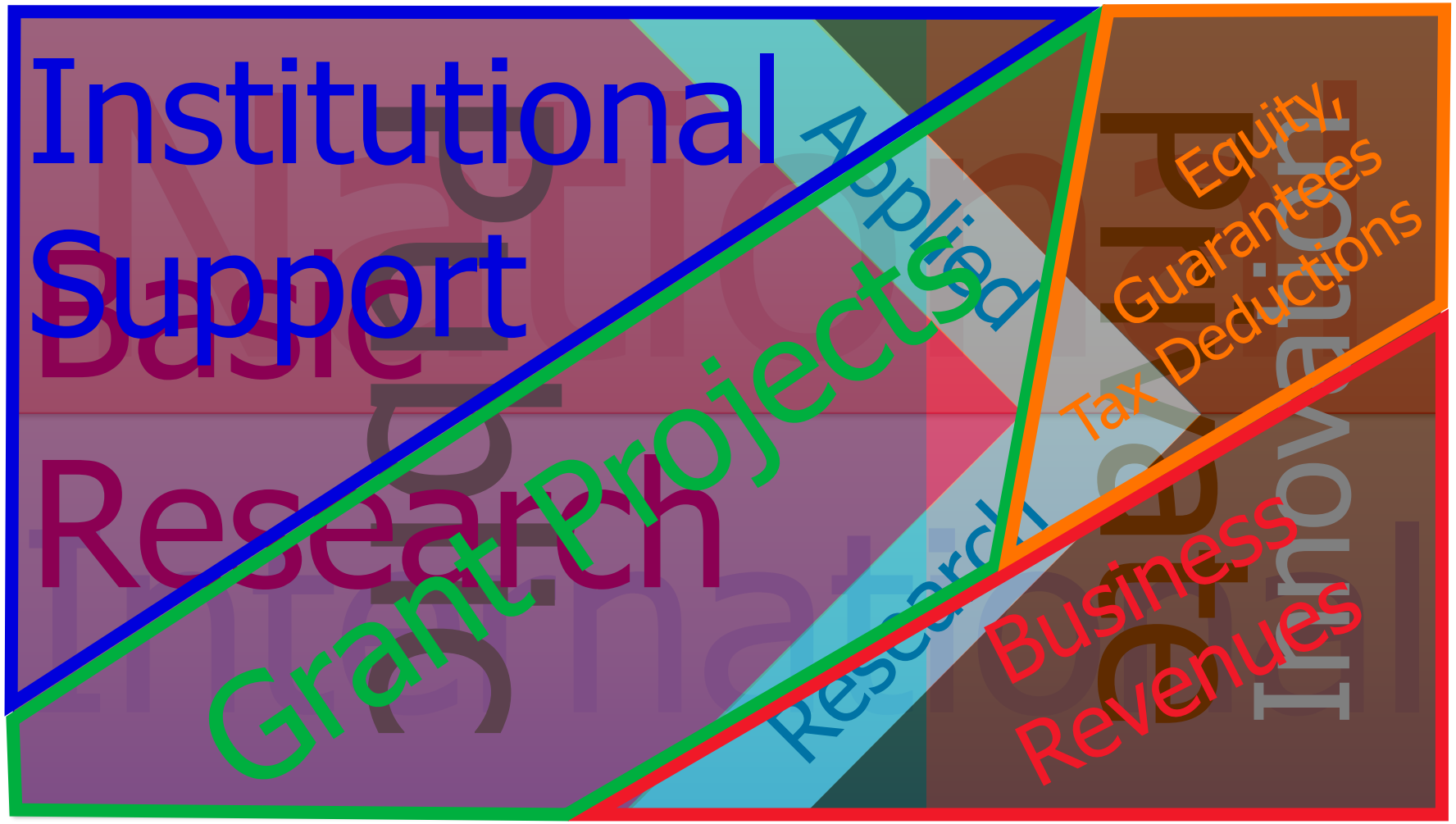
Research Funding

Research Funding



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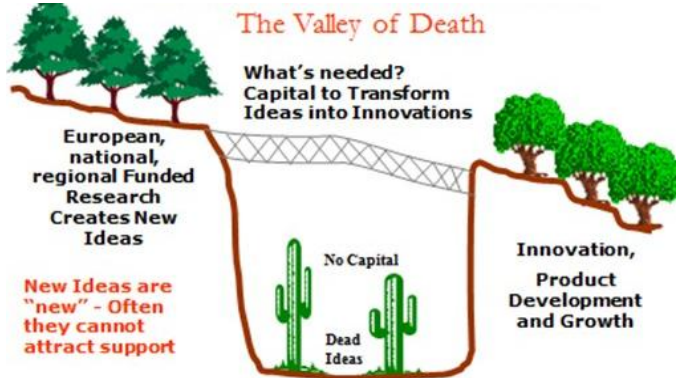
TRL – Technology Readiness Levels



Technology development (technology push)

Innovation phase

Commercial application (market pull)

TRL1	TRL2	TRL3	TRL4	TRL5	TRL6	TRL7	TRL8	TRL9
Basic principles observed	Technology concept formulated	Experimental proof of concept	Technology validated in laboratory	Technology validated in relevant environment	Technology demonstrated in relevant environment	System prototype demonstrated in operational environment	System completed and qualified	Actual system proven in operational environment

- 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

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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.

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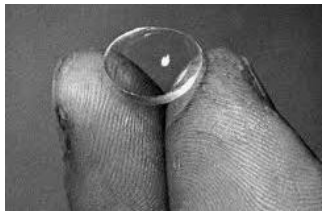
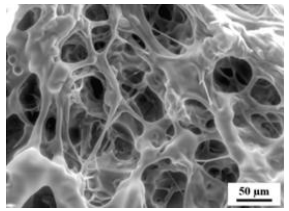
Source: https://www.etag.ee/wp-content/uploads/2019/03/Technology-readiness-levels-in-HU-and-SO-fields.pdf

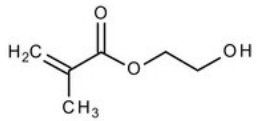
Funding search – basic or applied research?

„**How**" to do it?

„**What**" and „**how**" to use it?







Industrial research

Experimental development

TRL 5 - 8
Development

TRL 2 - 5
From discovery to application

TRL 1 - 2
Basic Research

(applied research = industrial research + experimental development)

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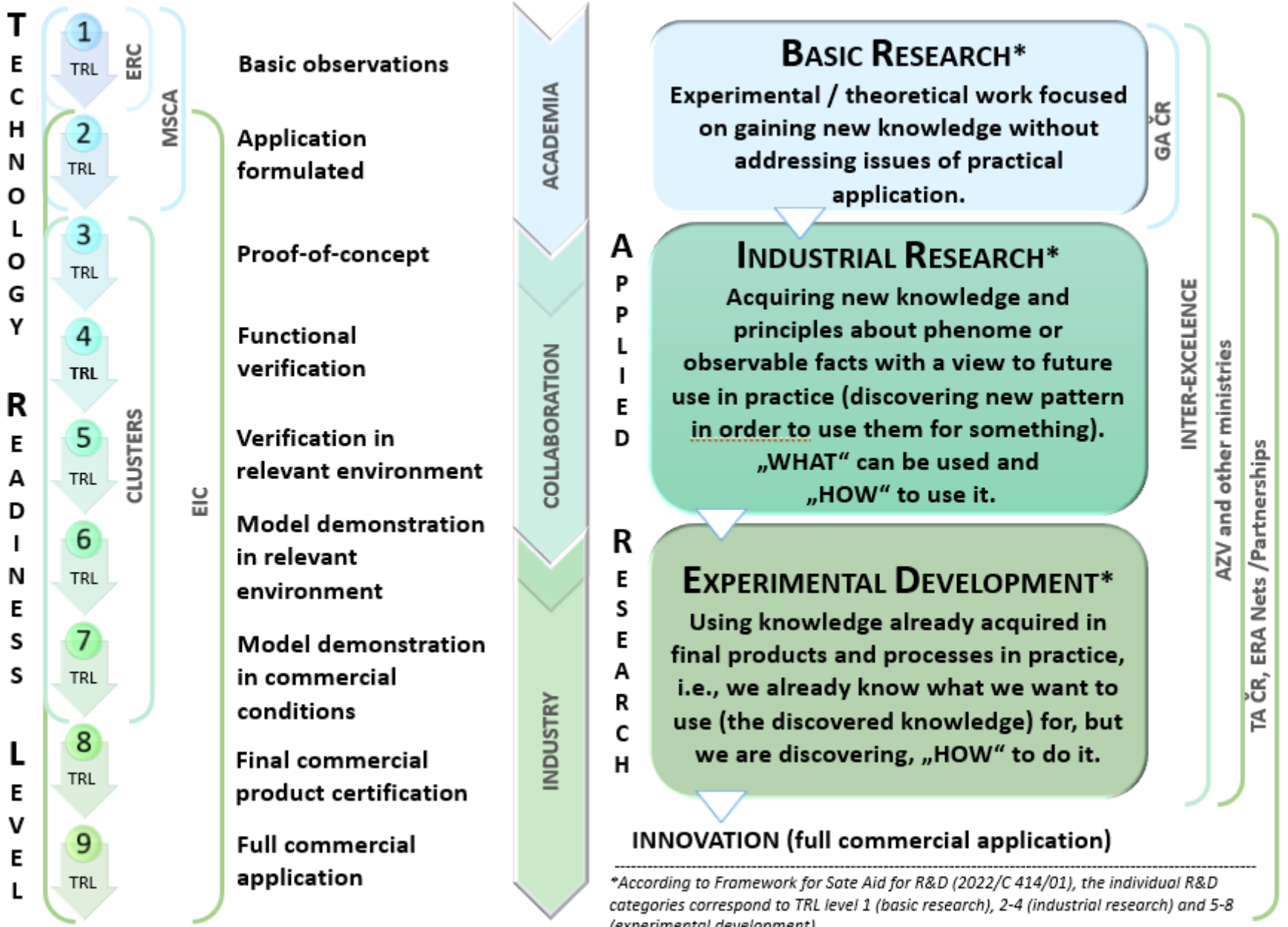
INTERNATIONAL PROJECTS

NATIONAL PROJECTS

We follow the TRL scale (Technology Readiness Level) and individual schemes (ERC, EIC…) are limited by the level of support.



TRL scale is not used (possibly only as a guide), but it is necessary to indicate what percentage of the project involves basic research, industrial research or experimental development, which affects the level of support.

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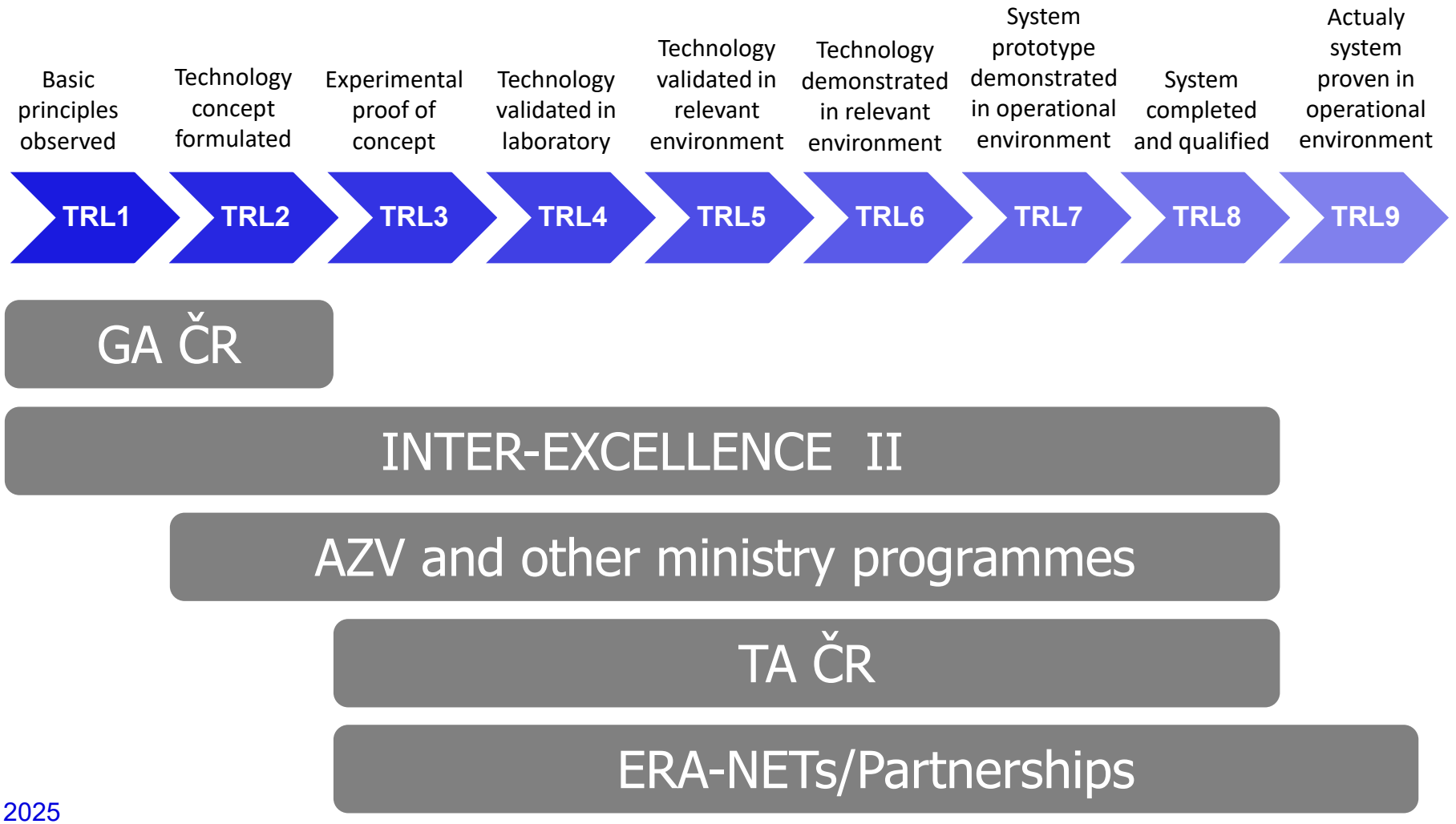
TRL – Czech funders



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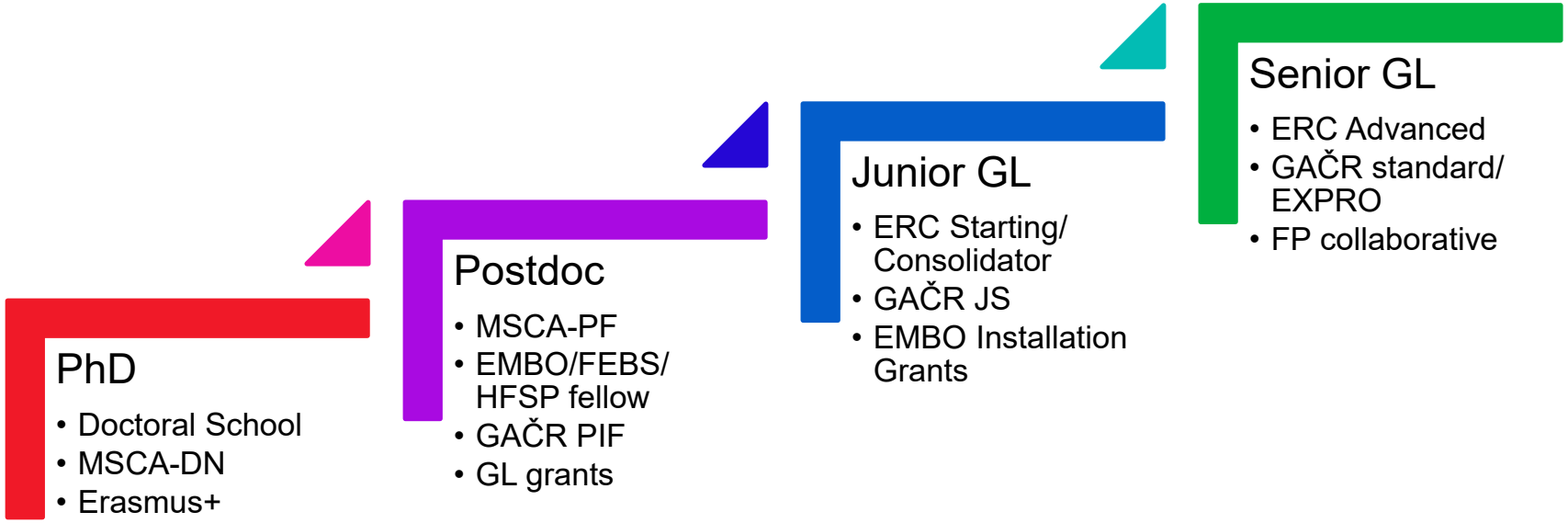
Scientific Career and Funding

Scientific Career and Funding



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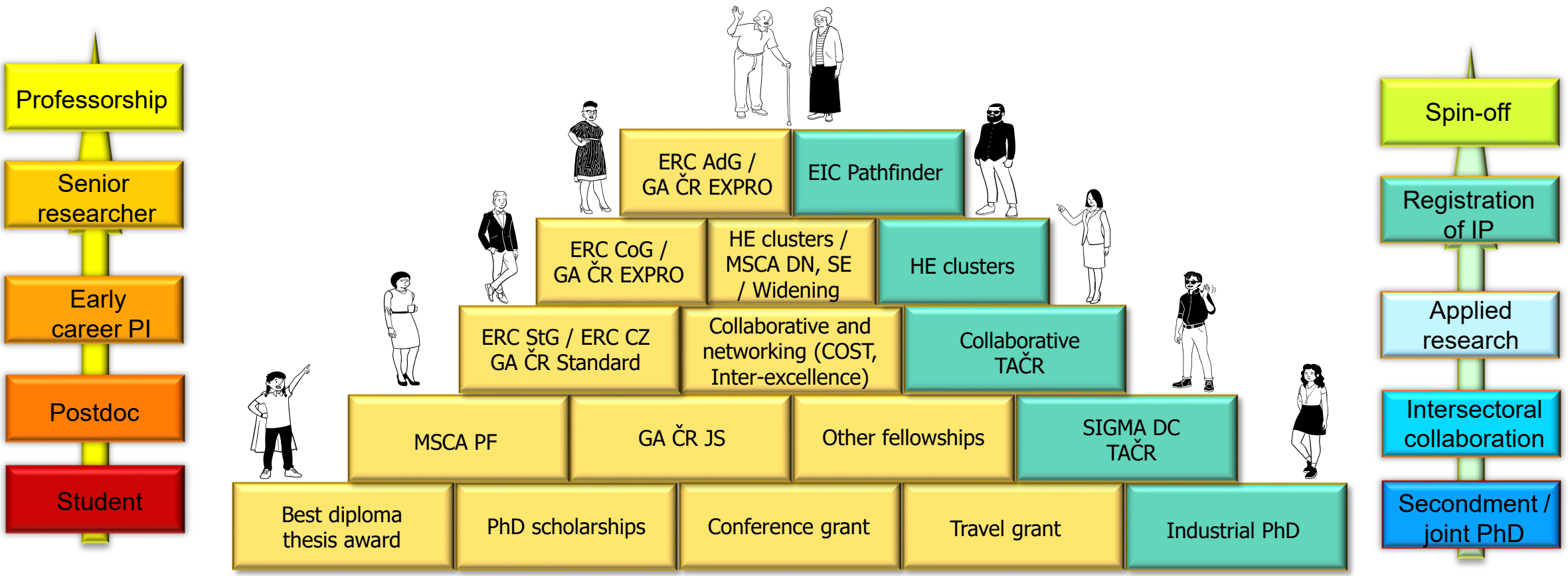
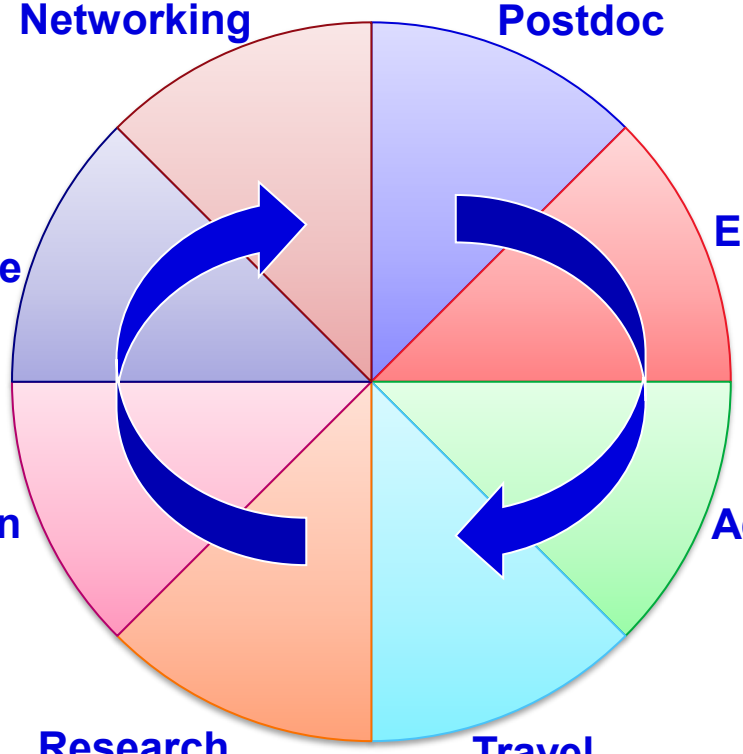
The journey to (non-)academic success



Grant scheme navigation



Twinning
COST Actions
….

MSCA PF
GAČR Junior Star
EMBO Fellowship
Visegrad scholarsphip
HFSP fellowships
JSPS fellowships
Humboldt fellowships

Pillar 1
Resarch infrastructures

ERC Starting
EMBO Installation grant
FEBS Excellence Award
GAČR EXPRO
GAČR Standard
….

Pathfinder Open
Pathfinder Challenges

ERC Consolidator
ERC Advanced
GAČR EXPRO
GAČR Standard
ERA Chair

Pillar 2 Global Challenges
ERC Synergy
MSCA Doctoral Networks
….

MSCA Staf Exchange
Visegrad fund

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Basic research

GA ČR - national/international schemes

National schemes

Restart grants
(after career break)

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

Proof of Concept

GAČR
CZECH SCIENCE FOUNDATION

Source: www.gacr.cz

MUNI

Standard projects

Provider: GA ČR

Aim

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

Priority areas

- All scientific fields

Eligibility

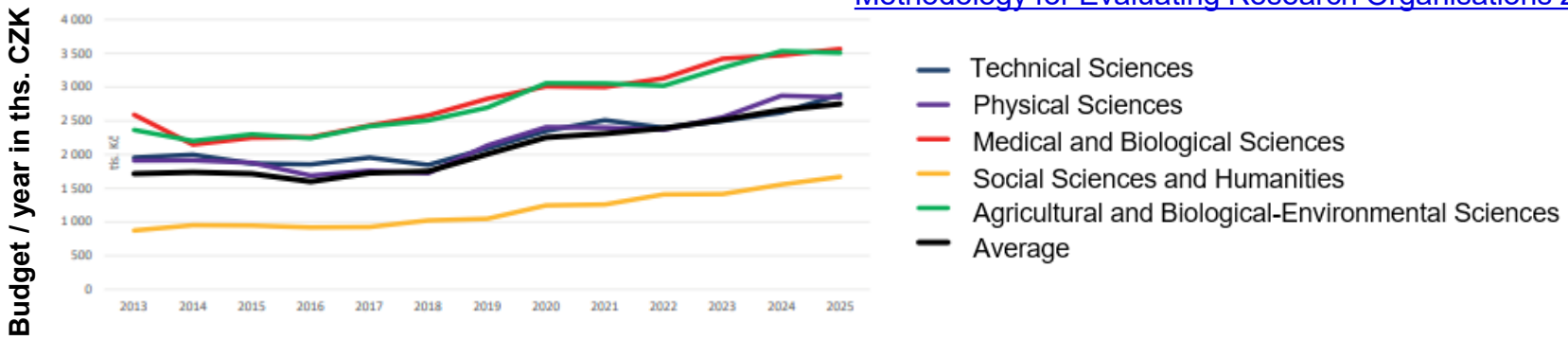
- Applicants at any stage of career, without any age limitation

Next Call in February 2026

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

**Methodology for Evaluating Research Organisations 2025+ (in Czech)



Source: www.gacr.cz

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

GAČR
CZECH SCIENCE FOUNDATION

Next Call in February 2026

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

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.gacr.cz

MUNI

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

GAČR
CZECH SCIENCE FOUNDATION

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

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.gacr.cz

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POSTDOC INDIVIDUAL FELLOWHIP (PIF) Incoming

Provider: GA ČR

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

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

GAČR
CZECH SCIENCE FOUNDATION

Next Call in February 2026

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

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.gacr.cz

MUNI

POSTDOC INDIVIDUAL FELLOWHIP (PIF) Outgoing

Provider: GA ČR

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

Next Call in February 2026

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

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.gacr.cz

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

- Taiwan, South Korea, ~~São Paolo~~

GAČR
CZECH SCIENCE FOUNDATION

Next Call in February 2026

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 years (Korea); 3 years (Taiwan)
Funding	Not specified
Funding rate	100%
Call allocation	TBA

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.gacr.cz

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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)~~, Israel (from 2026)

GAČR
CZECH SCIENCE FOUNDATION

Calls 2025/2026

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

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.gacr.cz

MUNI

Basic and/or applied research

Up to the decision of the applicant

MŠMT - international schemes

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 (see more in TA ČR section)

Programme Mobility

MOBILITY
Support for the mobility of researchers with selected countries

MINISTRY OF EDUCATION YOUTH AND SPORTS

* JPI CH - Joint Programming Initiative "Cultural Heritage and Global Change"
JPND - EU Joint Programme - Neurodegenerative Disease Research
QUANTERA - ERA-NET Cofund in Quantum Technologies
MOBILITY (Germany, France)

Source: www.msmt.cz

MUNI

JPICH

Provider: Ministry of Education Youth and Sports

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
- Last Call in 2023 – Austria, Belgium, France, Ireland, Italy, Lithuania, Netherlands, Norway, Spain, Switzerland, Thailand, Turkey, UK, US

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

Source: www.msmt.cz

MUNI

JPND

Provider: Ministry of Education Youth and Sports

MINISTRY OF EDUCATION
YOUTH AND SPORTS

Next call expected 01/2026

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
- Belgium, Canada, France, Germany, Hungary, Ireland, Italy, Luxembourg, Netherlands, Norway, Poland, Slovakia, Sweden, Switzerland, Turkey

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

Source: www.msmt.cz

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QUANTERA

MINISTRY OF EDUCATION YOUTH AND SPORTS

Provider: Ministry of Education Youth and Sports

Next call probably 2026

Aim

- Transnational research projects in Quantum Science and Technologies

Priority areas

- Basic research

Countries involved

- 3-6 eligible partners requesting funding in at least 3 countries involved in Call
- Last Call in 2025 – Austria, Belgium, Bulgaria, Croatia, Czechia, Estonia, Finland, France, Germany, Hungary, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Romania, Slovakia, Slovenia, South Korea, Spain, Sweden, Switzerland, Turkey, UK

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

Source: www.msmt.cz

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INTER-EXCELENCE II

MINISTRY OF EDUCATION
YOUTH AND SPORTS

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 2025) - Bavaria, US, Israel, South Korea
- 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)

Call 2026

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, other results
Duration	3-4 years
Funding	Not specified
Funding rate	100 % for project

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.msmt.cz

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MOBILITY

Provider: Ministry of Education Youth and Sports

MINISTRY OF EDUCATION
YOUTH AND SPORTS

Next call 06/2026

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 2025 with: France, Germany

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

Source: www.msmt.cz

MUNI

Applied research

TA ČR (Technology Agency of the Czech Republic)

I. TA ČR – national programmes

National programmes of applied research

SIGMA
Programme for applied research and innovation

Departmental programmes
Programmes prepared in cooperation with ministries

BETA2/BETA3
Public procurement for public administration – specific Calls

THÉTA/THÉTA2
Applied research in energy

DC 1: Pre-application research
Streamline R&D knowledge into practice (Proof-of-concept projects)

DC 2: Early-stage researchers
Support for early-stage researchers in applied research

DC 3: Support for SSH
Applied research in social science and humanities

DC 4: International collaboration
International collaboration in applied research

DC 5: Cross-sectional support
Current R&D needs, long-term R&D objectives, regional innovations

Transport 2030
Upgrading transport for sustainability, safety, social needs(MD)

TREND
Market exploitation of results, new products and services(MPO)

Environment for Life Programme 2
Environment and sustainable use of natural resources(MŽP)

PRODEF
Programme in the field of the defence industry(MO)

T A
Č R

*DC = dílčí cíl (subgoals)

Source: www.tacr.cz

MUNI

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 competitivness (PP2)
- Technologies to ensure the long-term sustainability of the energy sector (PP3)

Next Call in August 2026

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)

Source: www.tacr.cz

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-carrier 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 2025+ 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 %)

*Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.tacr.cz

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

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%

Source: www.tacr.cz

SIGMA DC2

Provider: TA ČR

Aim

- To support Early Career Researchers (up to 35 years, students or max 5 years after finishing the highest university degree)

Industrial Chairs - NEW

- Call in summer 2026
- One leading expert from abroad create young team in Czechia

Industrial Chair Call in spring 2026

Call ID	SIGMA DC2
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 (ECR) 60-84 months (Chairs)
Funding	Max CZK 5 mil./project (ECR) Max CZK 42 mil./project (Chairs)
Funding rate	Max. 85 % (ECR) Max 60 % (Industrial Chairs)
Call allocation	Not dedicated yet

Source: www.tacr.cz

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

Next call in January 2026

Call ID	SIGMA DC3
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

Source: www.tacr.cz

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)

- Not defined yet

Next Call the end of year 2026

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.

Source: www.tacr.cz

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 2026

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 %

Source: www.tacr.cz

TREND (2019-2027)

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 leaders (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 programme will follow in 2026**

Next calls of TREND 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

Source: www.tacr.cz

Environment for Life 2

Provider: TA ČR, Ministry of the Environment

Next call is opening on 17-12-2025

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)

Call ID	Environment for Life (only PP3)
Applicants	research organizations; companies, state entities, regional and local authorities (only as partners)
Topics	Specified here
Expected results	patent, technically realized results (prototype/functioning sample, verified technology, software, results with legal protection – utility model/industrial design)
Duration	72-84 months
Funding	No defined yet
Funding rate	90 %
Call allocation	Not defined yet

Source: www.tacr.cz

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

Next is opening in December 2026

Call ID	PRODEF (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, methodologies, specialized public database, other results
Duration	12-36 months
Funding	CZK 30mil./ project
Funding rate	70 %

Source: www.tacr.cz

II. TA ČR - international programmes

T A
Č R

SIGMA DC 4: International collaboration

DC 4: International collaboration
Bilateral collaboration in applied research

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

Biodiversity Partnership
Research on biodiversity with an impact for policy and society

Water4All
Innovations in the field in water resources

Driving Urban Transition (DUT)
Innovations for cities, municipalities, businesses and citizens

Clean Energy Transition (CET)
Strengthening energy transformation

Eurostars
Partnership on Innovative SMEs

QuantERA
Impact on developments in quantum area

M-ERA.NET
Research and Innovation on materials and battery technologies

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RAMP*
Raw Materials Partnership for the Green and Digital Transition

FOREST*
Forests and Forestry for a Sustainable Future

LUKE (ERA.NET UA)*

MUNI

Source: www.tacr.cz

* New follow-up project in preparation

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)

- French Republic, Israel, Germany – Saxony, Republic of Korea, Taiwan

Next Call in May 2026

Call ID	DC4 (previous call)
Applicants	companies; (research organizations only as partners)
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial design, utility model, methodologies, specialized public database, other results
Duration	12 - 36 months
Funding	CZK 20mil. / project
Funding rate	75 %
Call allocation	CZK 320 mil.

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.tacr.cz

Biodiversity Partnership

Provider: TA ČR (Partnerships)

Next Call in September 2026

Aim

- Supporting research and innovation projects to identify, analyse, and comprehend transformation processes that may halt and reverse biodiversity decline

Priority areas

- Topic 1: Setting restoration targets and measuring success
- Topic 2: Transferability and scaling of nature restoration efforts
- Topic 3: Resilience and sustainability of restoration efforts

Countries involved

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

Call ID	Biodiversity Partnership
Applicants	research organizations, companies, organizational state units
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial design, utility model, 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

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.tacr.cz

Water4All

Provider: TA ČR (Partnerships)

Aim

- Link between water and human health

Priority areas

- Waterborne contaminants and health risks: occurrence, behaviour, interactions and vulnerability
- Innovative Tools and Technologies for Water Quality and Exposure Monitoring
- Water Treatment and Exposure Mitigation
- Governance, Socio-Economic Innovation, and Policy Integration for Water and Health

Countries involved

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

Next Call in September 2026

Call ID	Water4All
Deadline	13-11-2025
Applicants	research organizations, companies
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial design, utility model, methodologies, specialized map, results reflected in legislative and non-legislative directives and regulations, J_{imp}, J_{SC}, J_{ost}, other results, medical or conservation procedure
Duration	max. 36 months
Funding	max. EUR 160ths./project
Funding rate	80 %
Call allocation	EUR 500ths. (for Czech part)

*Definition of types of results
**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.tacr.cz

Driving Urban Transitions

Provider: TA ČR (Partnerships)

Aim

- Urban climate neutrality and sustainable mobility

Priority areas (previous Call)

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

Countries involved

- Austria, Belgium, Denmark, Estonia, Finland, France, Germany, Greece, Croatia, Hungary, Italy, Latvia, Lithuania, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, South Korea, Spain, Sweden, Switzerland, Tunisia, Turkey

Next Call in September 2026

Call ID	Driving Urban Transitions
Deadline	17-11-2025
Applicants	research organizations, companies
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial design, utility model, methodologies, specialized map, certified methodologies, results reflected in legislative and non-legislative directives and regulations, other results
Duration	max. 36 months
Funding	max. EUR 175ths/project
Funding rate	80 %
Call allocation	EUR 700ths (for Czech part)

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.tacr.cz

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
- Storage Technologies, renewable fuels and CCU/CCS
- Regional Energy Systems
- Built Environment

Countries involved

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

Next Call in June 2026

CETPartnership

Call ID	Clean Energy Transition
Applicants	research organizations, companies
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial design, utility model, methodologies, specialized map, other results, medical procedure
Duration	max. 36 months
Funding	max. EUR 250 ths./project
Funding rate	80 %
Call allocation	EUR 1 200 ths. (for Czech part)

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.tacr.cz

M-ERA.NET

Provider: TA ČR (ERA-NET Cofunds)

Aim

- Materials research and innovation

Priority areas

- Sustainable materials for energy applications
- Innovative surfaces, coatings and interfaces
- Advanced composites and lightweight materials
- Functional materials
- Materials addressing environmental challenges
- Next generation materials for electronics

Countries involved

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

Next Call in March 2026

Call ID	M-ERA.NET
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, specialized map, other results
Duration	36 months
Funding	max. EUR 350ths./project
Funding rate	80 %
Call allocation	EUR 1 500 ths. (for Czech part)

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.tacr.cz

QuantERA

Provider: TA ČR (ERA-NET Cofunds)

Aim

- Quantum technologies

Priority areas

- Applied Quantum Science
- Quantum Phenomena and Resources (for basic research in this area see more in MŠMT section)

Countries involved

- Austria, Belgium, Bulgaria, Croatia, Estonia, Finland, France, Germany, Hungary, Israel, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Romania, Slovakia, Slovenia, South Korea, Spain, Sweden, Switzerland, Turkey, United Kingdom

Next Call in 2027

Call ID	QuantERA
Deadline	5-12-2025
Applicants	research organizations, companies
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial design, utility model, methodologies, results projected into approved strategic and policy documents, specialized map, other results
Duration	24 or 36 months
Funding	Not specified/project
Funding rate	80 %
Call allocation	EUR 1 mil. (for Czech part)

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.tacr.cz

EUROSTARS

Provider: TA ČR (Partnerships)

Aim

- Support/enhancement of the competitiveness of innovative small and medium-sized enterprises

Priority areas

- Not defined
- Projects must have an exclusive focus on civil applications

Countries involved

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

Next Call in January 2026

Call ID	EUROSTARS
Applicants	SMEs, (research organizations only as partners)
Expected results*	patent, prototype, functioning sample, pilot plant, verified technology, software, industrial design, utility model, results projected into approved strategic and policy documents, certified methodologies, specialized map, other results
Duration	24 - 36 months
Funding	EUR 300ths./project
Funding rate	80 %
Call allocation	EUR 500ths. (for Czech part)

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.tacr.cz

RAMP

Provider: TA ČR (Partnerships)

„Raw Materials Partnership for the Green and Digital Transition“

Aim

- Build an international multi-stakeholder research and innovation ecosystem on raw materials
- Implement an ambitious research and innovation programme that addresses the entire raw-materials value chain
- Contribute to circular and sustainable approaches as well as the development and implementation of raw-materials-related policies

1st Call in Spring 2026

Call ID	RAMP
Total no of calls	7
Application process	2-step procedure
Estimated Call allocation	EUR 1 mil. (for Czech part)
RAMP builds on the concluding ERA-NET Cofund ERA-MIN	

Source: www.tacr.cz

FOREST

Provider: TA ČR (Partnerships)

„Forests and Forestry for a Sustainable Future“

Aim

- To promote cutting-edge research and innovation in support of the development of a sustainable, circular bioeconomy based on forest ecosystems
- Envisions resilient, multifunctional forests that deliver climate mitigation and adaptation, biodiversity, and sustainable economic development
- To transform the forest-based sector into a knowledge-intensive, resource-efficient, and innovative sector

1st Call in Autumn 2026

Call ID	FOREST
Total no of calls	7
Application process	2-step procedure
Estimated Call allocation	EUR 500ths. (for Czech part)

Source: www.tacr.cz

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 2026

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	48 months
Funding	not limited (subp. I), max. 8,5 mil. CZK/project (subp. II)
Funding rate	up to 100 %
Call allocation (Previous Call)	CZK 1,200 mil. (subp. I) CZK 120 mil. (subp. II)

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.azvcr.cz

AZV – international programmes

European Partnerships

ERDERA
Rare diseases

ERA4Health
Fostering a European Research Area for Health research

PerMed
Personalised Medicine

THCS
Enabling health and care systems Transformation through R&I

OH AMR
One Health Antimicrobial Resistance

BE-READY
Pandemic Preparedness

Brain Health

1st Calls in 2026

PerMed

Provider: Ministry of Health (Partnerships)

Aimed at

- To improve health outcomes within sustainable healthcare systems through research, development, innovation and implementation of personalised medicine approaches for the benefit of patients, citizens, and society

Priority area of the „MultiPMData2026“ Call

- „Test and Demonstration of Multimodal Data Approaches for Personalised Medicine “

Countries involved

- Belgium, Finland, France, Ireland, Israel, Italy, Latvia, Lithuania, Portugal, Romania, Slovakia, South Africa, Spain, Sweden, Turkey

Call 2026 is open

Call ID	MultiPMData2026
Deadline	12-01-2026 (pre-proposal)
Applicants	research organizations, companies, patient organizations
Expected results*	J_{imp}, utility model, prototype, functioning sample, methodologies, patent, software, pilot plant, verified technology, J_{imp} (Review, Letter), J_{sc}, book, chapter in book, research report
Duration	36 months
Funding	max. EUR 125 ths./project/CZ
Funding rate	up to 100 %
Call allocation	EUR 250 ths. (for Czech part)

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.azvcr.cz

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 area of the „Trials4Health 2026“ Call

- „Multi-country investigator-initiated clinical trials in cardiovascular, autoimmune and metabolic diseases“

Countries involved

- Austria, Belgium, France, Germany, Italy, Latvia, Lithuania, Norway, Poland, Romania, Slovakia, Spain, Sweden, Turkey, UK, US

Call 2026 is open

Call ID	Trials4Health 2026 Call
Deadline	27-01-2026 (pre-proposal)
Applicants	research organizations, companies, patient organizations
Expected results*	J_{imp}, utility model, prototype, functioning sample, methodologies, patent, software, pilot plant, verified technology, J_{imp} (Review, Letter), J_{sc}, book, chapter in book, research report
Duration	48 months
Funding	max. EUR 250 ths./project/CZ
Funding rate	up to 100 %
Call allocation	EUR 500 ths. (for Czech part)

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.azvcr.cz

OH AMR

Provider: Ministry of Health (Partnerships)

Aimed at

- Boosting One Health research and innovation leading to improved surveillance of resistant pathogens, better diagnostics and effective treatment of infections and to prevention measures reducing the use of antimicrobials and the spread of antimicrobial resistance

Priority area of the „OH-TREAT 2026“ Call

- „Treatments and adherence to treatment protocols“

Countries involved

- Austria, Belgium, Canada, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Israel, Italy, Latvia, Lithuania, Malta, Moldova, Netherlands, Norway, Poland, Portugal, Slovakia, South Africa, Spain, Sweden, Switzerland, Turkey, UK

Call 2026 is open

Call ID	OH-TREAT 2026
Deadline	02-02-2026 (pre-proposal)
Applicants	research organizations, companies, patient organizations
Expected results*	J_{imp}, utility model, prototype, functioning sample, methodologies, patent, software, pilot plant, verified technology, J_{imp} (Review, Letter), J_{sc}, book, chapter in book, research report
Duration	36 months
Funding	max. EUR 250 ths./project/CZ
Funding rate	up to 100 %
Call allocation	EUR 500 ths. (for Czech part)

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.azvcr.cz

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 „Access to Care 2026“ Call

- To deliver innovative solutions that enable key stakeholders to reduce inequalities in access to and utilisation of health and care services

Countries involved

- Austria, Belgium, Denmark, Estonia, France, Greece, Iceland, Ireland, Israel, Italy, Latvia, Lithuania, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK

Call 2026 is open

Call ID	Access to Care 2026
Deadline	02-02-2026 (pre-proposal)
Applicants	research organizations, companies, patient organizations
Expected results*	J_{imp}, utility model, prototype, functioning sample, methodologies, patent, software, pilot plant, verified technology, J_{imp} (Review, Letter), J_{sc}, book, chapter in book, research report
Duration	36 months
Funding	max. EUR 250 ths./project/CZ
Funding rate	up to 100 %
Call allocation	EUR 500 ths. (for Czech part)

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.azvcr.cz

PerMed

Provider: Ministry of Health (Partnerships)

Aimed at

- To improve health outcomes within sustainable healthcare systems through research, development, innovation and implementation of personalised medicine approaches for the benefit of patients, citizens, and society

Priority areas of the „CARMEN 2026“ Call

- „Personalised Medicine for CARdiovascular, MEtabolic, and kidNey disease“

Countries involved

- Austria, Belgium, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Slovakia, South Africa, Spain, Sweden, Switzerland, Turkey

Call CARMEN 2026 in November 2026

Call ID	PerMed „CARMEN 2026“
Deadline	10-02-2026 (pre-proposal)
Applicants	research organizations, companies, patient organizations
Expected results*	J_{imp}, utility model, prototype, functioning sample, methodologies, patent, software, pilot plant, verified technology, J_{imp} (Review, Letter), J_{sc}, book, chapter in book, research report
Duration	36 months
Funding	max. EUR 125 ths./project/CZ
Funding rate	up to 100 %
Call allocation	EUR 250 ths. (for Czech part)

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.azvcr.cz

ERDERA

Provider: Ministry of Health (Partnerships)

Aimed at

- Supporting concrete health benefits to rare diseases patients through improved prevention, diagnosis and treatment

Priority areas of the „ERDERA Call 2026“

- „Resolving unsolved cases in rare genetic and non-genetic diseases through variant validation and new technological approaches“
- Research that identifies causative variants in undiagnosed rare genetic diseases and addresses complex, multifactorial rare non-genetic diseases, including patients with no molecular diagnosis after prior genetic or genomic testing

Countries involved

- TBA

„ERDERA Call 2026“ in December 2025

Call ID	ERDERA
Deadline	12-02-2026 (pre-proposal)
Applicants	research organizations, companies, patient organizations
Expected results*	J_{imp}, utility model, prototype, functioning sample, methodologies, patent, software, pilot plant, verified technology, J_{imp} (Review, Letter), J_{sc}, book, chapter in book, research report
Duration	TBA
Funding	TBA
Funding rate	up to 100 %
Call allocation	EUR 500 ths. (for Czech part)

*Definition of types of results

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.azvcr.cz

Be-ready now

Provider: Ministry of Health (Partnerships)

Aimed at

- European Partnership for Pandemic Preparedness

Objectives

- To improve the EU's preparedness to predict and respond to emerging infectious health threats by: improving coordination of research and innovation funding at the EU, national, and regional levels, following shared goals set in the Strategic Research and Innovation Agenda (SRIA) on Pandemic Preparedness; strengthening the research system needed in health emergencies, including networks of sites and infrastructures for clinical research, to ensure a quick and effective research response

1st Call in the beginning of 2026

Call ID	BE-READY NOW
Applicants	TBA
Expected results*	TBA
Duration	TBA
Funding	TBA
Funding rate	TBA
Call allocation	EUR 500 ths. (for Czech part)

Source: www.azvcr.cz

NAKI III (2023-2030)

Provider: Ministry of Culture

MINISTRY OF CULTURE
CZECH REPUBLIC

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

**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.mkcr.cz

TWIST (2024-2032)

Provider: Ministry of Industry and Trade

MINISTRY OF INDUSTRY AND TRADE

Aim

- Support the development of strategic technologies, primarily artificial intelligence, quantum technologies, semiconductors, and microelectronics, and to strengthen the transfer of research and development results into practice

Subprogrammes

I. Applied research in strategic fields
II. Innovation into practice
III. Knowledge transfer vouchers

Call 2025 is open

Call ID	TWIST (PP1)
Deadline	17-12-2025
Applicants	Companies, research organisations (only as partners)
Expected results*	Defined applied research results
Duration	24 months
Funding	Max 30 mil. CZK/project
Funding rate	70 % for project, 90 % for MU

Source: www.mpo.cz

MUNI

IMPAKT 2 (2026-2031)

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. Centers of Cooperation in Security Research
II. Internationalization of Security Research
III. Human Resources for Security Research

Call 2025 is open

MINISTRY OF THE INTERIOR OF THE CZECH REPUBLIC

Call ID	IMPAKT 2
Deadline	16-12-2025
Applicants	Only research organizations
Expected results*	applied research results specified by the call
Duration	52-64 months
Funding	Not specified
Funding rate	100 %

Source: www.mvcr.cz/vyzkum

MUNI

ZEMĚ II (2024-2032)

Provider: Ministry of Agriculture

Aim

- Sustainable agriculture through new research knowledge

Subprogrammes

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

Next Call in spring 2026

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, konference, 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
**Methodology for Evaluating Research Organisations 2025+ (in Czech)

Source: www.mze.cz

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	10-10-2025	2 years	CZK 0,5 mil. / project
MASH	05-12-2025	5 years	CZK 5 mil. / project
MASH StG/CoG	05-12-2025	4 years	CZK 3 mil. / project
MUNI Junior Star	28-11-2025	2 years	CZK 2 mil. / project
MUNI Scientist	30-09-2025	award	CZK 2 mil. / Call allocation

Grants for students	Call deadline	Duration	Call Allocation
Outstanding diploma thesis	27-01-2026	1 year	CZK 1 mil.

Source: www.gamu.cz

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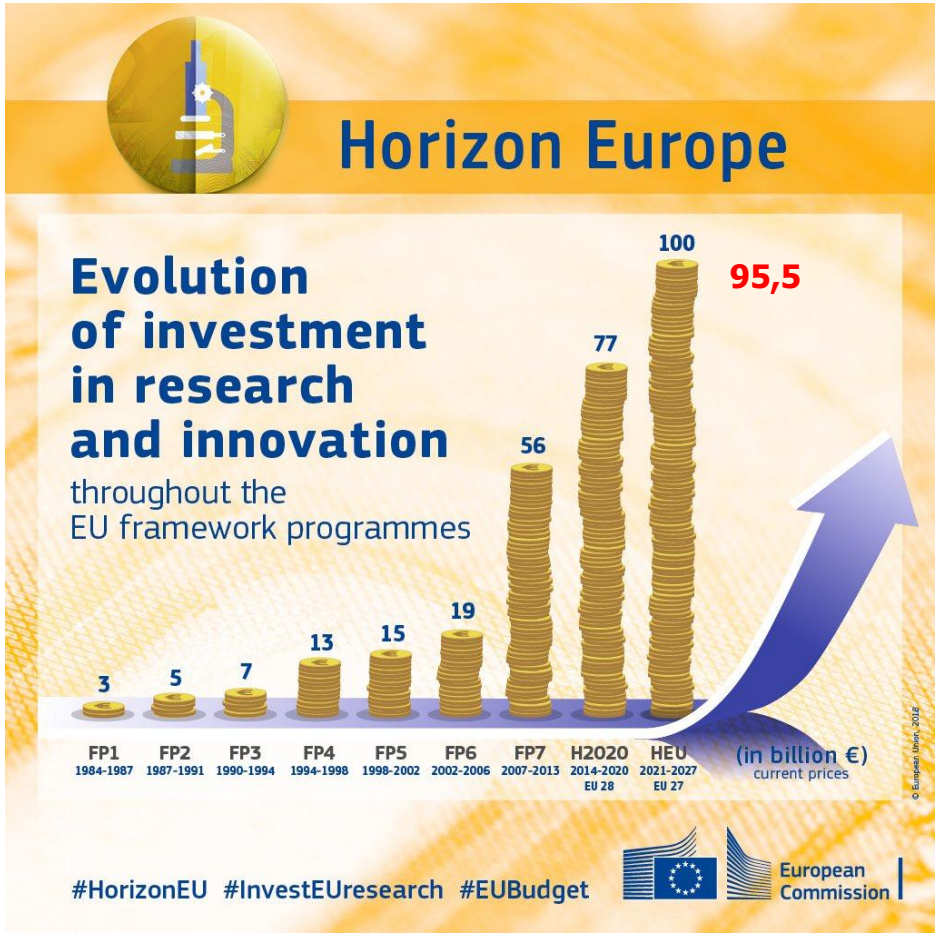
Horizon Europe

(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)



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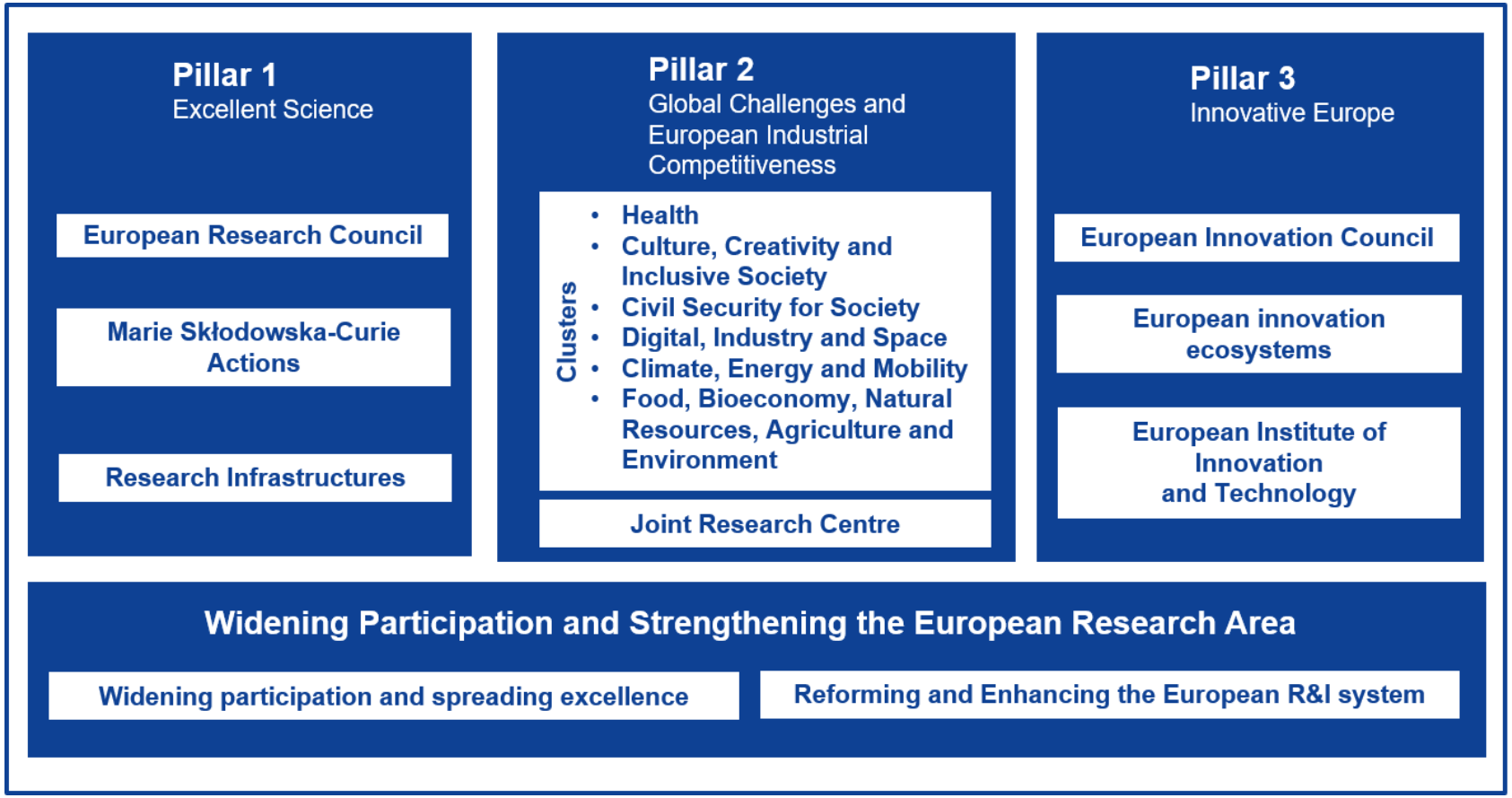
Horizon Europe: structure

2021-2027 provider: European Union



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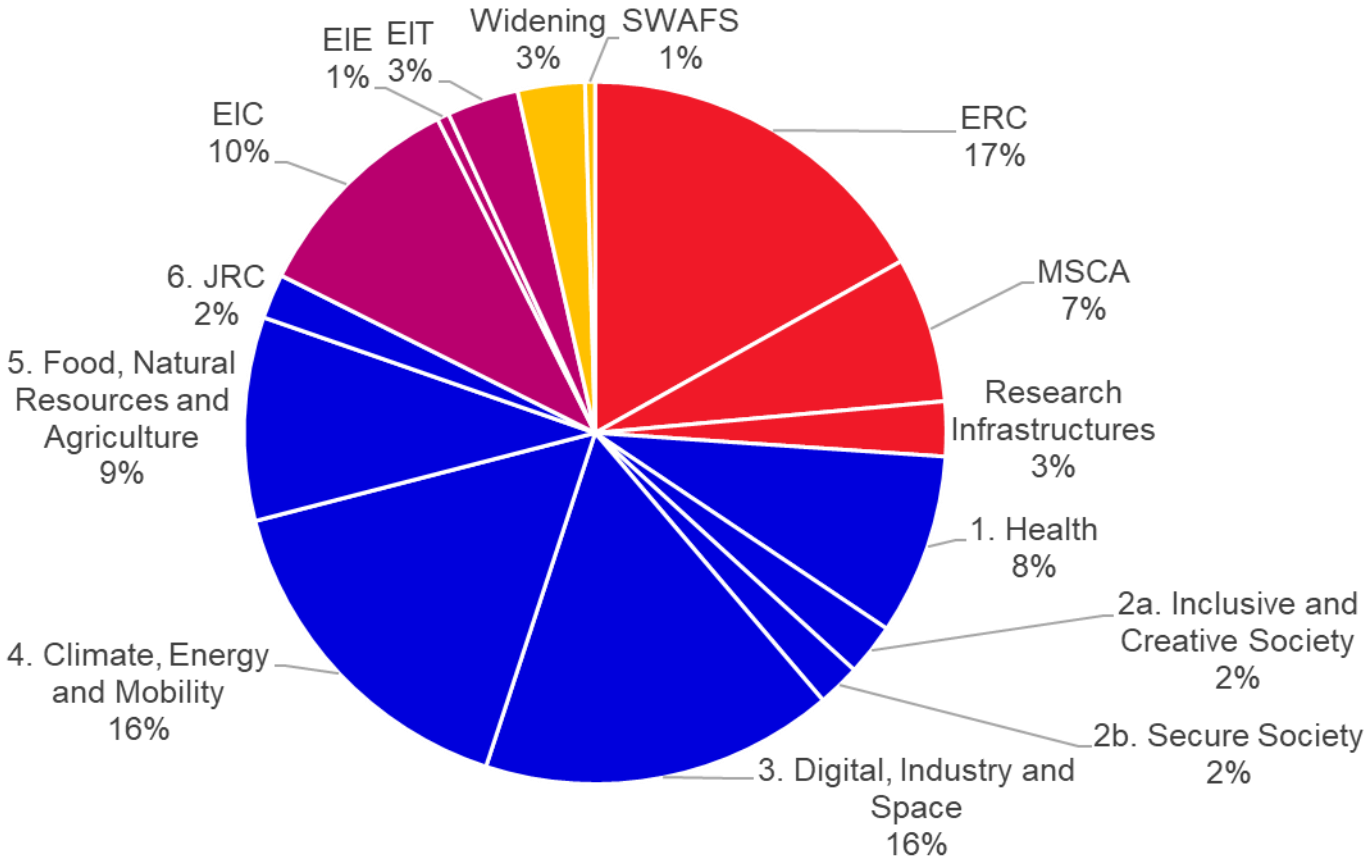
Horizon Europe: budget



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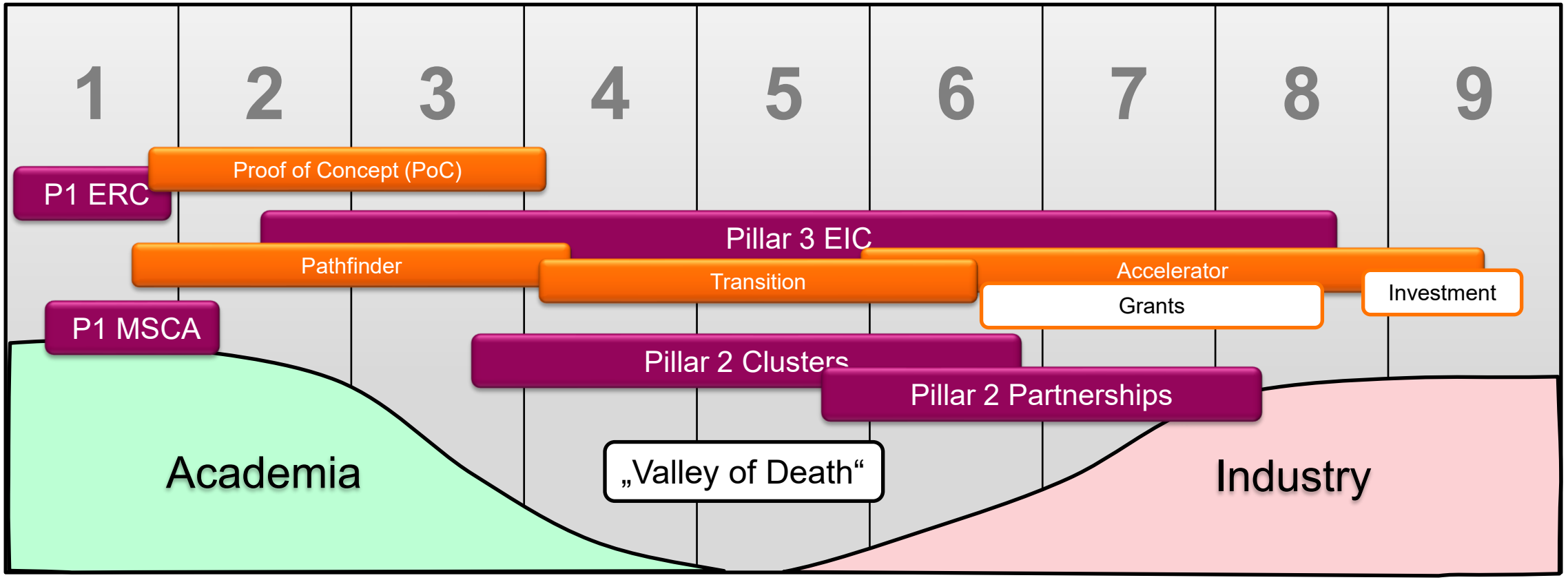
Horizon Europe: TRLs

2021-2027 provider: European Union



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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

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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

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ERC Staring Grant

Horizon Europe – Pillar 1 – ERC

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

- next ddl: probably Oct 2026
- 0-10 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´ team needs to show expertise in the the methodology used

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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: 13 Jan 2026
- 7-12 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)

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ERC Advanced Grant

Horizon Europe – Pillar 1 – ERC

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

- next ddl: Aug 2026
- 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“**

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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 2026
- 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*

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ERC Plus

Horizon Europe – Pillar 1 – ERC

Applicants	Individual Principal Investigators
Funding	Grants 7 million EUR, 100% funding
TRL	1-2 (not defined)
Duration	7 years
Purpose	Breakthrough research projects

- next ddl: fall 2026?
- all career stages, all nationalities
- aim:
  - to make Europe more attractive for top scientists
- expectations:
  - **global leadership** in science, **exceptionally ambitious ideas** that need more time and funding
- no. of supported grants: only 30
- evaluation: same as for individual grants, plus justification of how the project goes beyond what standard ERC grants support

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MSCA-DN

Horizon Europe – Pillar 1 – MSCA Doctoral Networks

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

- next ddl: Nov 2026?
- 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

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MSCA-SE

Horizon Europe – Pillar 1 – MSCA Staff Exchanges

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

- next ddl: Oct 2026?
- 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

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MSCA-PF

Horizon Europe – Pillar 1 – MSCA Postdoctoral Fellowship

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

- next ddl: Sep 2026?
- 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*

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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 – on F&T Portal

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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

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Horizon Europe: partnerships

2021-2027 provider: European Union

- ?simplification?: PARTNERSHIPS
  - co-programmed: JPIs
  - co-funded: ERA-NETs
  - institutionalized: EIT KIC
  - 60 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

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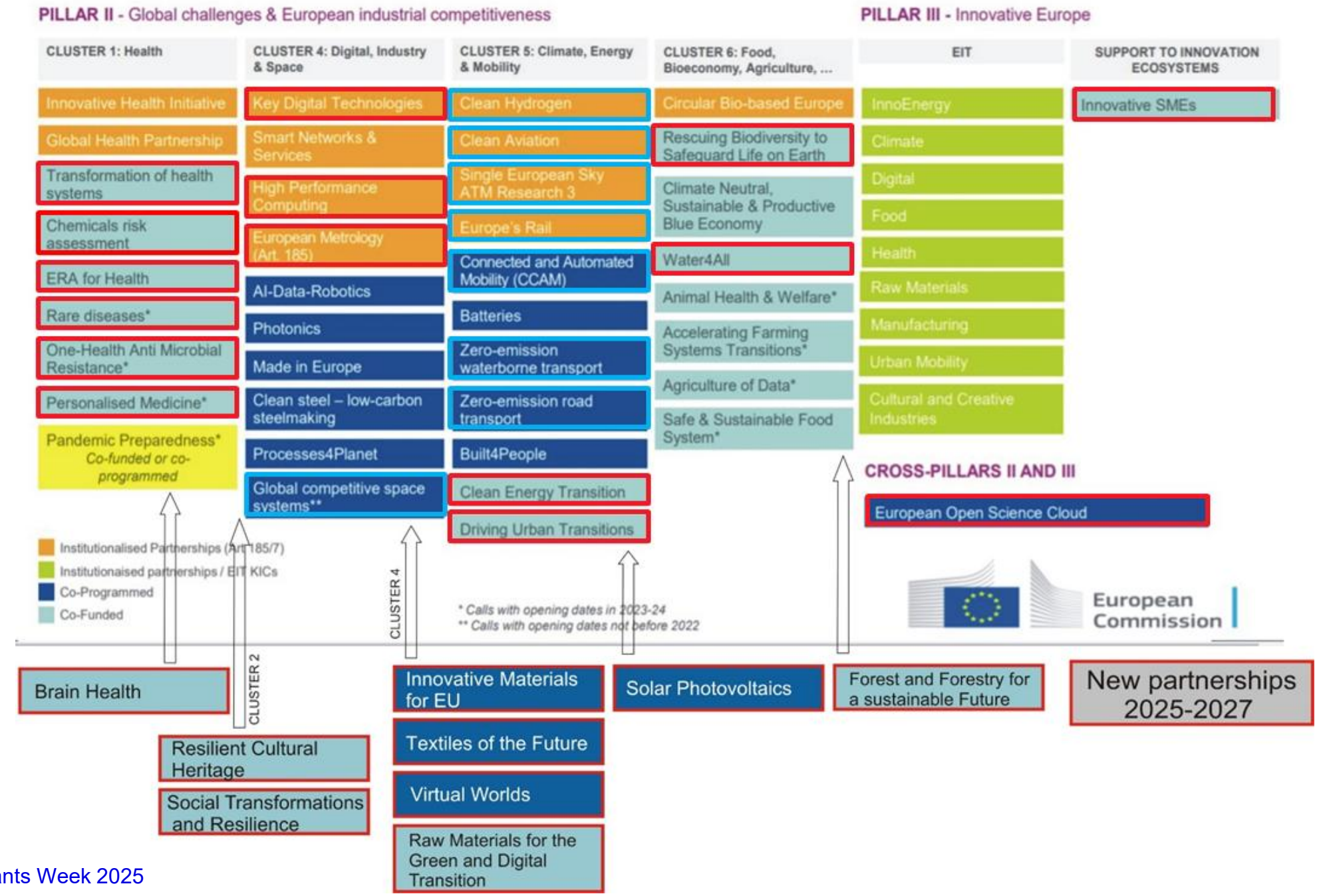
PILLAR II - Global challenges & European industrial competitiveness
PILLAR III - Innovative Europe
CLUSTER 1: Health
CLUSTER 4: Digital, Industry & Space
CLUSTER 5: Climate, Energy & Mobility
CLUSTER 6: Food, Bioeconomy, Agriculture, ...
EIT
SUPPORT TO INNOVATION ECOSYSTEMS
Innovative Health Initiative
Global Health Partnership
Transformation of health systems
Chemicals risk assessment
ERA for Health
Rare diseases*
One-Health Anti Microbial Resistance*
Personalised Medicine*
Pandemic Preparedness*
Co-funded or co-programmed
Key Digital Technologies
Smart Networks & Services
High Performance Computing
European Metrology (Art. 185)
AI-Data-Robotics
Photonics
Made in Europe
Clean steel – low-carbon steelmaking
Processes4Planet
Global competitive space systems**
Clean Hydrogen
Clean Aviation
Single European Sky ATM Research 3
Europe's Rail
Connected and Automated Mobility (CCAM)
Batteries
Zero-emission waterborne transport
Zero-emission road transport
Built4People
Clean Energy Transition
Driving Urban Transitions
Circular Bio-based Europe
Rescuing Biodiversity to Safeguard Life on Earth
Climate Neutral, Sustainable & Productive Blue Economy
Water4All
Animal Health & Welfare*
Accelerating Farming Systems Transitions*
Agriculture of Data*
Safe & Sustainable Food System*
InnoEnergy
Climate
Digital
Food
Health
Raw Materials
Manufacturing
Urban Mobility
Cultural and Creative Industries
Innovative SMEs
CROSS-PILLARS II AND III
European Open Science Cloud
Institutionalised Partnerships (Art.185/7)
Institutionaised partnerships / EIT KICs
Co-Programmed
Co-Funded
* Calls with opening dates in 2023-24
** Calls with opening dates not before 2022
CLUSTER 4
CLUSTER 2
European Commission
Brain Health
Resilient Cultural Heritage
Social Transformations and Resilience
Innovative Materials for EU
Textiles of the Future
Virtual Worlds
Raw Materials for the Green and Digital Transition
Solar Photovoltaics
Forest and Forestry for a sustainable Future
New partnerships 2025-2027

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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

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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

PATHFINDER

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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

TRANSITION

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EIC Accelerator

Horizon Europe – Pillar 3

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

- 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

Twinning

Horizon Europe – Widening

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

- next deadline: 9 April 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

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Excellence Hubs

Horizon Europe – Widening

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

- next deadline: 4 March 2027
- 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

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ERA Chairs

Horizon Europe – Widening

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

- next deadline: 14 September 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)

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Widening Participation – more 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 *(deadline 24 Sep 2026)*
- **European Excellence Initiative:** up to 6 mil. EUR to improve collaboration in already existing alliances *(currently no deadline)*
- **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)

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Thank you for your attention!

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