

MUNI

Funding Landscapes

Research Office, Rectorate

September 19th, 2022

improve.muni.cz



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- **Horizon Europe**
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M U N I

MU in numbers

MU in numbers

09/2022

1st institution in the Czech Republic in numbers of H2020 and HE projects (9/2022)

121 participations in H2020 projects (9/2022)

19 participations in HE projects (9/2022)

8 ERC grants (up to 9/2022)

9 individual H2020 and HE MSCA projects (9/2022)

13 H2020 and HE projects coordinated by MU (9/2022)

9,5 billion CZK
Total budget MU (Total non-investment cost for 2022)

2,7 bilion CZK
R&D budget (2022)

256 ongoing GA ČR projects (9/2022)

1,85 billion CZK
budget for ongoing GA ČR projects

92 ongoing TA ČR projects (9/2022)

352 mil CZK budget for ongoing TA ČR projects

4 718 MU employees (9/2022)

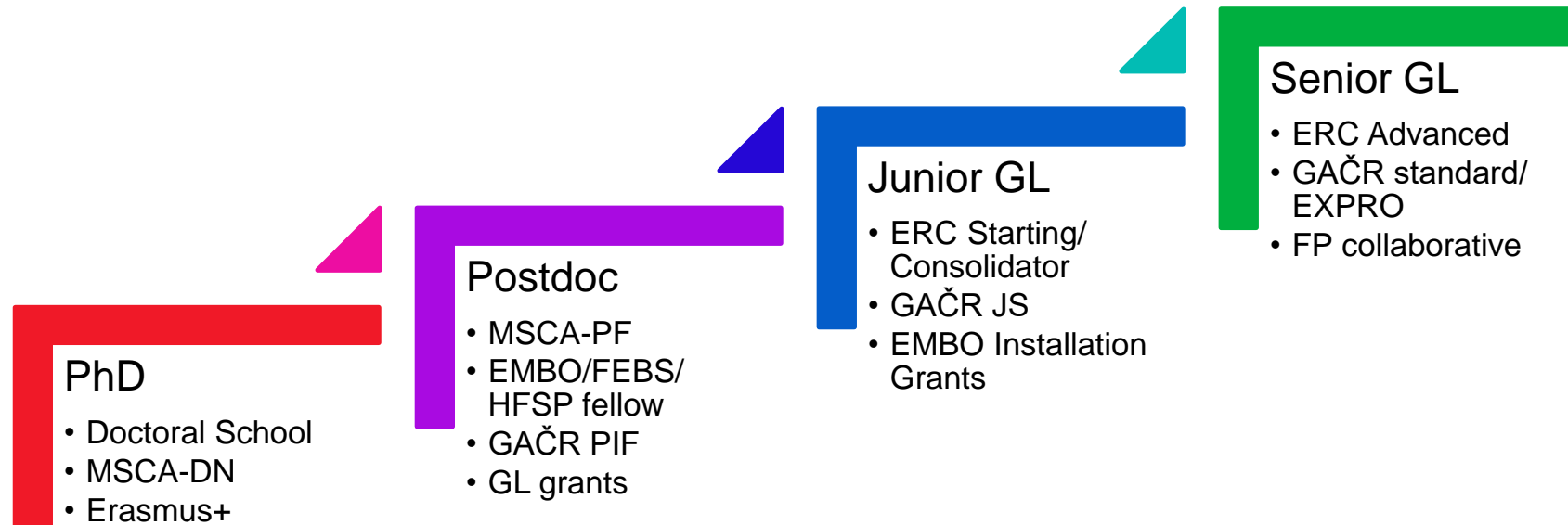
589 researchers (9/2022)

1 841 academic workers(9/2022)

M U N I

Basic research

Scientific Career and Funding



GA ČR - national/international schemes

National schemes

- Standard projects
- JUNIOR STAR
- EXPRO
- POSTDOC INDIVIDUAL FELLOWSHIP

Incoming

- POSTDOC INDIVIDUAL FELLOWSHIP

Outgoing

International schemes

- International projects
- Lead Agency grants

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

Call 2023 (announced in February 2023)

| 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 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

Call 2023 (announced in February 2023)

| 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

Call 2024 (announced in February 2024)

| 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

- 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

Call 2023 (announced in February 2023)

| 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 |
| Funding rate | 100 % |
| Call allocation | TBA |

[*Definition of types of results](#)

POSTDOC INDIVIDUAL FELLOWSHIP (PIF) Outgoing

Provider: GA ČR

– 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 2023 (announced in February 2023)

| 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 |
| Funding rate | 100 % |
| Call allocation | TBA |

[*Definition of types of results](#)

International (bilateral) projects

Provider: GA ČR

- Aim
 - Aims at supporting international cooperation in basic research (projects are evaluated by both agencies)
- Priority areas
 - All scientific fields
- Countries involved
 - Brazil, Taiwan, South Korea

Call 2023 (announced in February 2023)

| 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) grant 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, Germany, Luxembourg, Poland, Slovenia, Switzerland, US

Call 2023 (announced in February 2023)

| 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](#)

INTER-EXCELLENCE II (2021-2029)

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 2021/22) - Bavaria, Slovakia, USA
- INTER-COST
 - Synergic effect of national research support and support from the international COST programme (participation in international COST project required)

Call 2022 (announced 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 | 3-5 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 2022 with: Austria, France, Germany

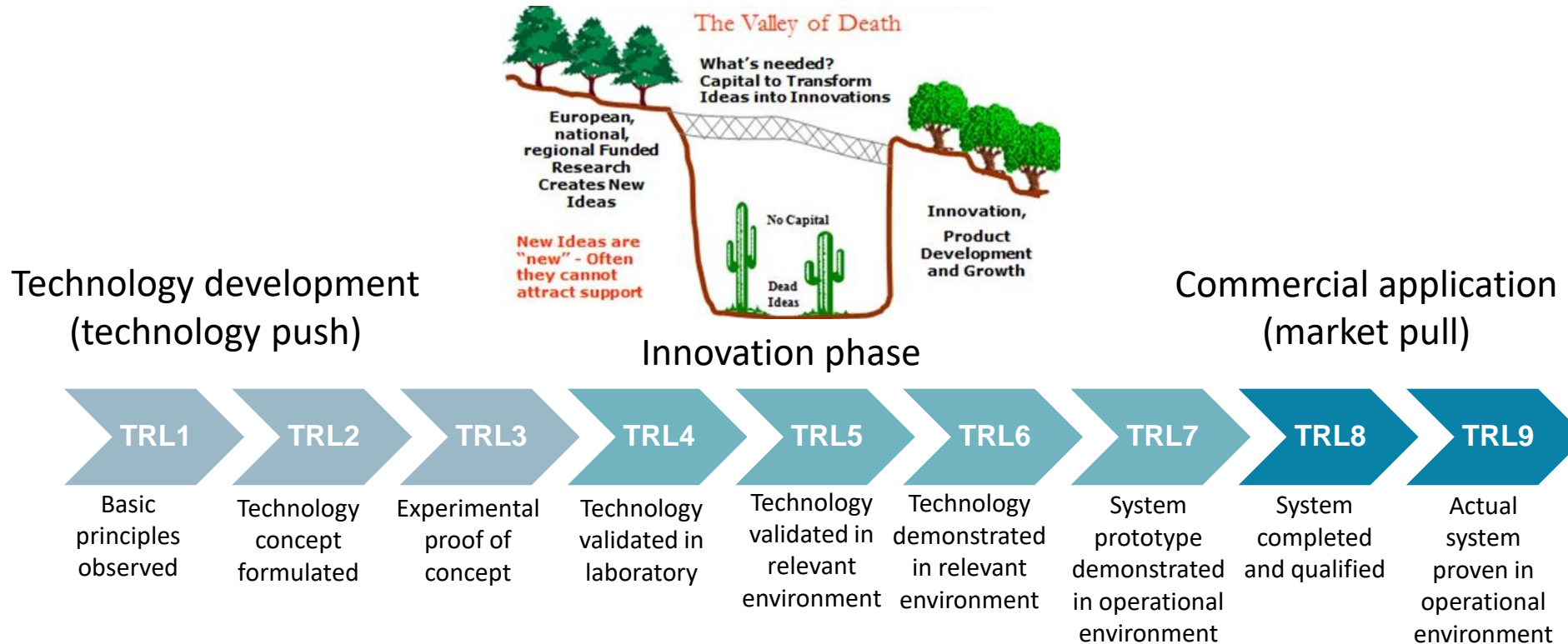
Next call in 2023

| 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 78 ths./ year (France) |
| Funding rate | 100 % for project |

M U N I

Applied research

TRL – Technology Readiness Levels



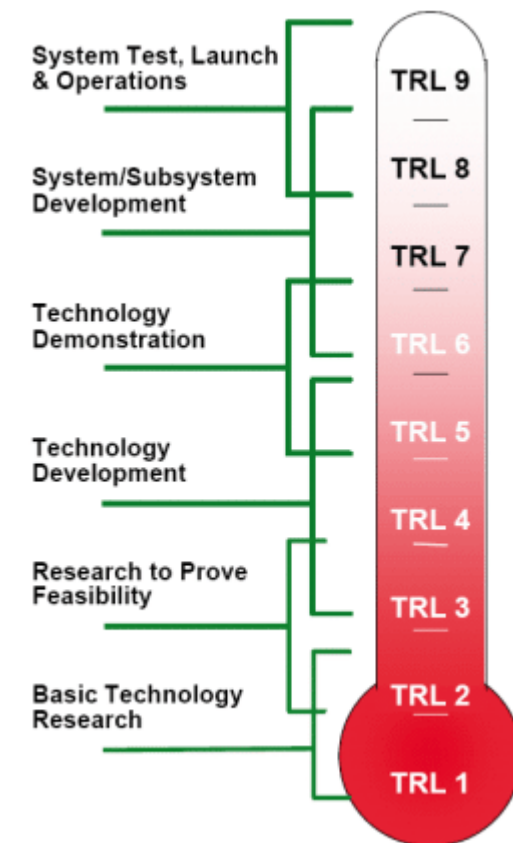
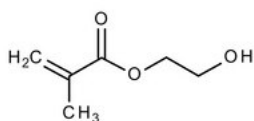
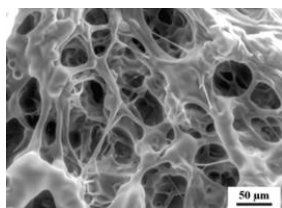
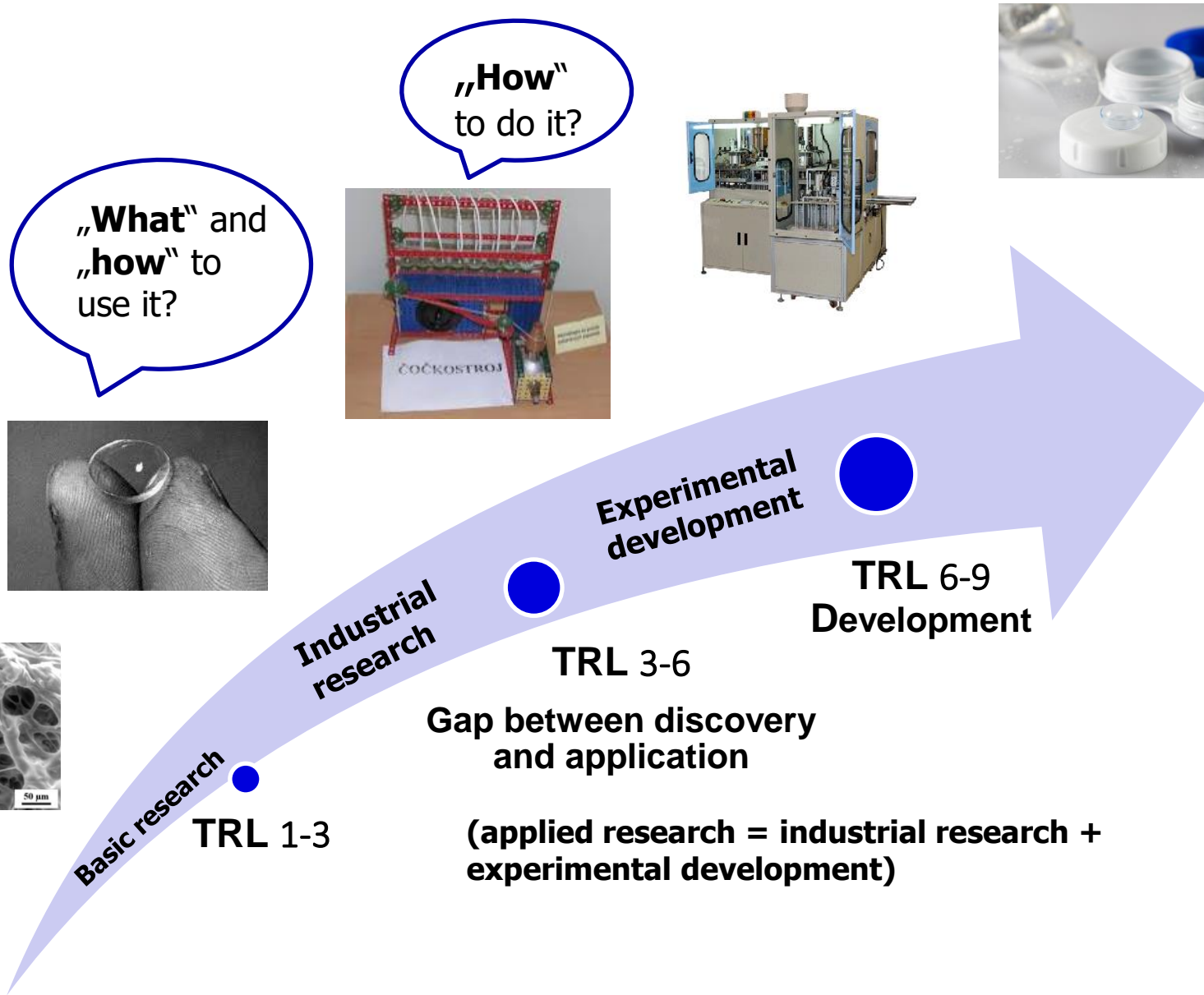
- TRL 1-3 – from idea, through formulation of concept and technology, to verification of concept
 - TRL 4-7 – from „ugly“ prototype to fully functional product tested in working environment
 - TRL 8-9 – successful market deployment and full commercial use of product/service
- Definition of **TRL** is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

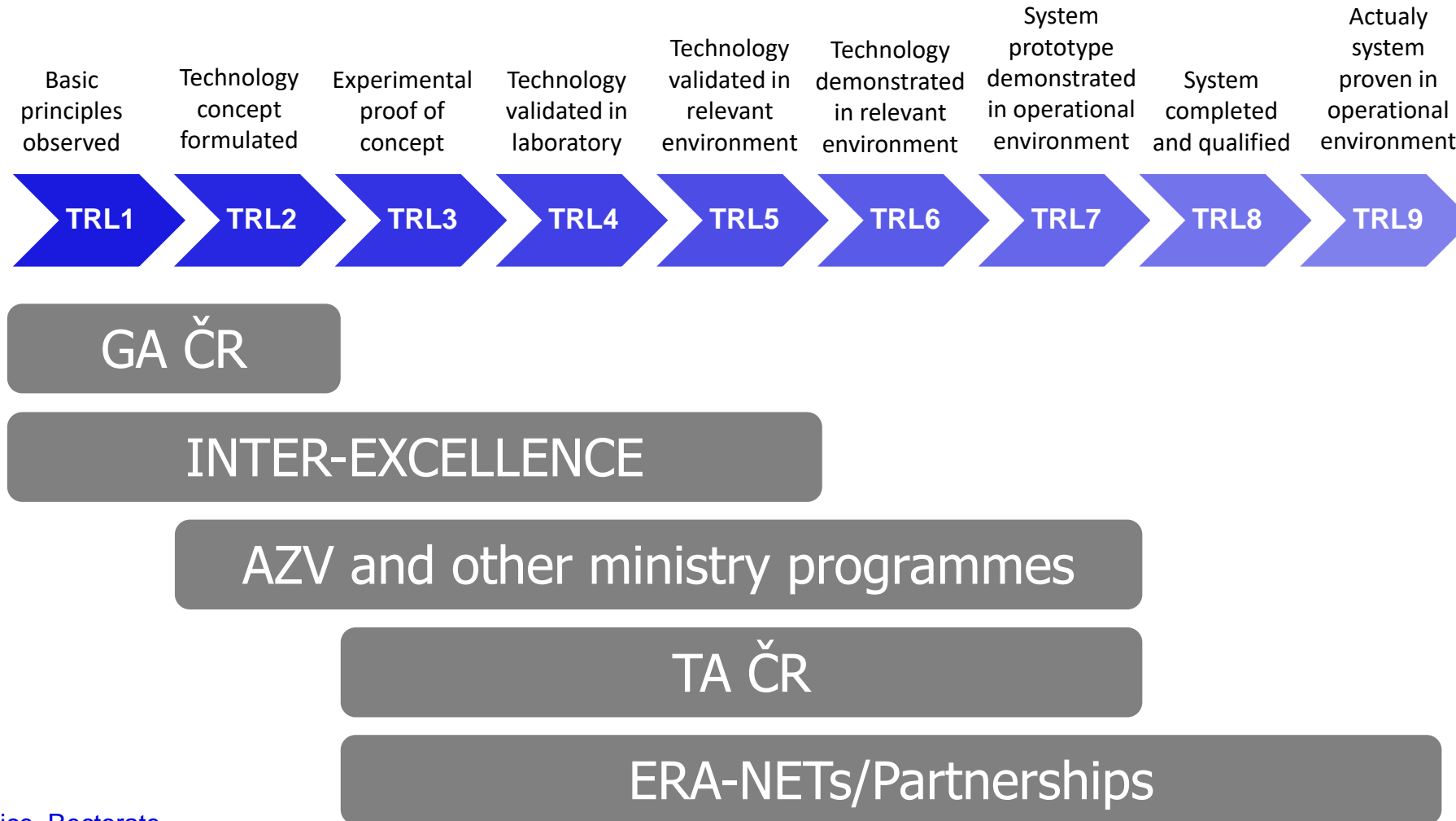


- **TRL 1** – *basic principles observed*. Identification of and observation of basic properties.
- **TRL 2** – *concept formulated*. Outcomes of the theoretical research are specified. Theorizing of potential practical applications.
- **TRL 3** – *experimental proof of concept*. Analytical research 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.



Source: <https://cs.wikipedia.org/>

TRL – Czech funders



MUNI

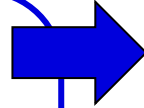
TA ČR

(Technology Agency of the Czech Republic)

I. TA ČR – national programmes

Current programme structure

- ÉTA
- THÉTA
- ZÉTA
- DELTA



New programme structure (since 2022/2023)

SIGMA (approved)

- TREND
- Transport 2020+
- Environment for Life

- TREND
- **Transport 2030** (approved)
- Environment for Life

II. TA ČR ERA – NET Cofunds/Partnerships

- CHIST-ERA
- ERA-MIN
- M-ERA.NET
- QuantERA
- Water4all
- Biodiversa+
- Driving Urban Transition
- Clean Energy Transition
- Chemical risk assessment partnership

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

GAMA

ZÉTA

ÉTA

DELTA

First call 26/10/2022 for 3rd goal

| 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 %) |

*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 1mil.CZK from state or public budgets

Call 2022 (announced in October)

| Call ID | TREND (subprogramme I) |
|-------------------|---|
| Deadline | 23. 11. 2022 |
| Topic | 5G technologies |
| 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) |
| Duration | max. 31 months |
| Funding | max. 15mil. CZK/project |
| Intensity rate | 70% |
| Call allocation | 300 mil. CZK |

*Definition of types of results

Transport 2030 (2023-2030)

Provider: TA ČR, Ministry of Transport

Next call in 2023

– 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 transport
- Safe and resilient transport and transport infrastructure
- Accessible and interoperable transport
- Automation, digitization, navigation and satellite systems

| Call ID | Transport 2030 |
|-------------------|--|
| 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. 50 mil. CZK |
| Funding rate | 80 % |

Environment for Life (2020-2026)

Provider: TA ČR, Ministry of the Environment

Next call in 2023

– 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

- Operational research in public interest (subp. I)
- Eco-innovations, technologies and procedures for environmental protection (subp. II)
- Long-term environmental and climate perspectives (subp. III)

| Call ID | Environment for Life |
|-------------------|---|
| Applicants | companies, research organizations |
| Expected results* | patent, technically realized results (prototype/functioning sample, verified technology, software, results with legal protection – utility model/industrial design) |
| Duration | 30 months in average |
| Funding | N/A |
| Funding rate | 85% in average - 100% (subp. I and III), 90% (subp. II) |
| Call allocation | N/A |

*Definition of types of results

DELTA 2 (2020-2025)

Provider: TA ČR (international scheme)

– 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)

- Brazil, Jiangsu, Korea, Quebec, Taiwan, Zhejiang, Nigeria, Israel, USA

Next Call in May 2023

| Call ID | DELTA 2 |
|-------------------|---|
| 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 | not limited |
| Funding rate | 74 % |
| Call allocation | approx. 300mil. CZK |

*Definition of types of results

CHIST-ERA

Provider: TA ČR (ERA-NET Cofunds)

- Aimed at
 - Information and Communication Technologies
- Priority areas
 - Open & Re-usable Research Data & Software
- Countries involved
 - Belgium, Brazil, France, Lithuania, Luxembourg, Poland, Slovakia, Switzerland, Turkey, United Kingdom

Call 2022 open!

| Call ID | CHIST-ERA |
|-------------------|---|
| Deadline | 14. 12. 2022 |
| Topic | Open Research Data |
| 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 | max. 24 months |
| Funding | Not specified/project |
| Funding rate | 85% |
| Call allocation | EUR 500ths |

*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

- 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

– Countries involved (confirmed)

- Belgium, Bulgaria, Canada, Estonia, Finland, Germany, Poland, Portugal, Romania, Slovakia, Slovenia, South Africa, Spain, Sweden, Turkey

Call 2023 (announced in December 2022)

| Call ID | ERA-MIN |
|-------------------|--|
| Deadline | 30. 3. 2023 |
| Applicants | research organizations, companies |
| TRL | 3-9 (previous Call) |
| 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, conservation procedure, medical procedure, other results |
| Duration | 12-26 months (previous Call) |
| Funding | EUR 1mil./project (previous Call) |
| Funding rate | 85% (previous Call) |
| Call allocation | EUR 1mil. (previous Call) |

*[Definition of types of results](#)

M-ERA.NET

Provider: TA ČR (ERA-NET Cofunds)

– Aimed at

- Materials for energy
- Innovative surfaces, coatings and interfaces
- High performance composites
- Functional materials
- New strategies for advanced material-based technologies for health applications (*research on regenerative medicine not supported by TA ČR*)
- Materials for electronics

– Countries involved

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

Call 2022 (under evaluation)

| Call ID | M-ERA.NET |
|-------------------|--|
| Deadline | 15. 06. 2022 |
| Applicants | research organizations, companies |
| Expected results* | patent, prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, 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 | 85 % |
| Call allocation | EUR 1mil. (for Czech part) |

*[Definition of types of results](#)

Water4All

Provider: TA ČR (Partnerships)

– Aimed at

- Resilience, adaptation and mitigation to hydroclimatic extreme events
- Tools for water management – in the context of hydroclimatic extreme events
- Improved water governance in the context hydroclimatic extreme events and international contexts

– Countries involved

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

Call 2022 open!

| Call ID | Water4All |
|-------------------|--|
| Deadline | 31. 10. 2022 |
| Applicants | research organizations, companies |
| Expected results* | patent, prototype, functioning sample, pilot plant, verified technology, software, industrial and utility design, methodologies, results reflected in non-legislative directives and regulations, medical procedure, conservation procedure, other results |
| Duration | max. 36 months |
| Funding | max. EUR 230ths./project |
| Funding rate | 85 % |
| Call allocation | EUR 700ths. (for Czech part) |

*Definition of types of results

Biodiversa+

Provider: TA ČR (Partnerships)

– Aimed at

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

– Priority areas

- Innovation and harmonization of methods and tools for collection and management of biodiversity monitoring data
- ~~Addressing knowledge gaps on biodiversity status, dynamics, and trends to reverse biodiversity loss (not supported by TA ČR)~~
- Making use of available biodiversity monitoring data

– Countries involved

- Austria, Belgium, Brazil, Bulgaria, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Ivory Coast, Latvia, Lithuania, Moldova, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Taiwan, Tunisia, Turkey

Call 2022 open!

| Call ID | Biodiversa+ |
|-------------------|--|
| Deadline | 9. 11. 2022 |
| 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, other results |
| Duration | 36 months |
| Funding | max. EUR 170ths/project |
| Funding rate | 85 % |
| Call allocation | EUR 500ths (for Czech part) |

*Definition of types of results

Driving Urban Transitions (DUT)

Provider: TA ČR (Partnerships)

- Aim
 - Sustainable future for cities
- Priority areas
 - Positive Energy Districts (PED)
 - 15-Minute City (15mC)
 - ~~Circular Urban Economies~~ *(not supported by TA ČR)*
- Countries involved
 - Austria, Belgium, Bulgaria, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Latvia, Lithuania, The Netherlands, Norway, Poland, Portugal, Romania, Slovenia, Spain, Sweden, Switzerland, Turkey, United-Kingdom

Call 2022 (announced in September 2022)

| Call ID | Driving Urban Transitions |
|-------------------|---|
| Deadline | November 2022 |
| 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 | TBA |
| Funding | max. EUR 250ths/project |
| Funding rate | 85 % |
| Call allocation | EUR 800ths/PED (for Czech part) EUR 800ths/15mC (for Czech part) |

[*Definition of types of results](#)

Clean Energy Transition (CET)

Provider: TA ČR (Partnerships)

- Aimed at
 - To boost and accelerate the energy transition and to support the implementation of the European Strategic Energy Technology Plan (SET Plan)
- Priority areas
 - Optimized integrated European net-zero Emissions Energy System (TRI 1)
 - ~~Enhanced zero-emission Power Technologies (TRI 2); (not supported by TA ČR)~~
 - Enabling Climate neutrality with Storage Technologies, Hydrogen and Renewable Fuels and CCU/CCS (TRI 3)
 - ~~Efficient zero-emission Heating and Cooling Solutions (TRI 4); (not supported by TA ČR)~~
 - Integrated Regional Energy Systems (TRI 5)
 - ~~Integrated Industrial Energy Systems (TRI 6); (not supported by TA ČR)~~
 - Integration in the Built Environment (TRI 7)
- Countries involved
 - Austria, Belgium, Denmark, Finland, France, Germany, Hungary, Iceland, Ireland, Israel, Italy, Malta, Netherlands, Norway, Poland, Portugal, Spain, Sweden, Switzerland, Turkey, United Kingdom

Call 2022 open!

| Call ID | Clean Energy Transition |
|-------------------|---|
| Deadline | 23. 11. 2022 |
| 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 | 36 months |
| Funding | max. EUR 175 ths./project (TRI 7.1) max. EUR 175 ths./project (TRI 7.2) not specified for TRI 1, 3, 5 |
| Funding rate | 85 % |
| Call allocation | EUR 2,45mil. (for Czech part) |

*Definition of types of results

M U N I

Departmental Programmes

(Ministries)

AZV (2020-2026)

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 the development of young researchers
- ~~III. Covid-19~~

Next Call in May 2023

| 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 | N/A |

[*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 in 2023

| 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 | 3 mld. CZK |

*[Definition of types of results](#)

IMPAKT 1 (2019-2025)

Provider: Ministry of Interior

– Aim

- To achieve a knowledge, technological and technical level that will enable the Czech Republic to acquire, maintain and develop specific skills necessary to ensure the security of the state and its citizens

– Subprogrammes

- I. Joint research programs
- II. Human resources for security research
- III. Security research initiative (international cooperation)

Next call in autumn 2022?

| Call ID | IMPAKT 1 |
|-------------------|---|
| Applicants | only research organizations |
| Expected results* | J _{imp} , patent, utility model, registered design, software, prototype, functioning sample, pilot plant, verified technology, conference, workshop etc. |
| Duration | 4-6 years (subp. I); 3 years (subp. II); 2-4 years (subp. III) |
| Funding | mil. CZK/project (subp. I), 1,5-6 mil. CZK/project (subp. II) |
| Funding rate | 100 % for project |

*Definition of types of results

SECTECH (2021-2026)

Provider: Ministry of Interior

– Aim

- To involve start-ups, small and medium-sized enterprises in the development and transfer of new security technologies that will enable the components of the Czech security system to acquire, maintain and develop specific capabilities to ensure the security of the state and its citizens

– Support only for experimental research projects

Next call in autumn 2022?

| Call ID | SECTECH |
|-------------------|--|
| Applicants | companies and research organizations |
| Expected results* | patent, utility model, registered design, software, prototype, functioning sample, pilot plant, verified technology, research report (only secondary result) |
| Duration | 24 months in average |
| Funding | max 40 mil. CZK |
| Funding rate | 100 % for research organizations 25-60% for companies 70% for project |

*Definition of types of results

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 2024

| Call ID | OPSEC |
|-------------------|---|
| Applicants | companies, research organizations |
| Expected results* | All applied research results specified by each call |
| Duration | Specified by the call |
| Funding | Specified by the call |
| Funding rate | Up to 100 % |

*Definition of types of results

In preparation for year 2023!

- **Defense research program** (Ministry of Defence)
- **Agriculture research program** (Ministry of Agriculture, previously Země program)

Both programs are prepared in cooperation with TA ČR.

M U N I

Operational Programmes

(European Structural and Investment Funds)

OP Technologies and Application for Competitiveness - OP TAK (2021 – 2027)

Provider: ESIF, Ministry of Industry and Trade

– Priorities and its specific aims (relevant to R&D):

- I. **Strengthening the performance of companies in the field of research, development and innovation and their digital transformation**
 - **Research and innovation capacities and the introduction of advanced technologies** (R&D in companies with research organizations, R&D transfer into innovations, technology and knowledge transfer, implementation of modern technologies into companies, innovation vouchers, R&D infrastructure for companies, clusters and technology platforms)
 - Digitization for citizens, businesses and governments (digital innovations, company digitalization, acquire ICT and SW technologies, development of technologies such as block-chain, virtual reality, update of computer and data centers)
 - Smart specialization, industrial transformation and entrepreneurship (employee education, activities of centers of digital innovations, linking the business sector with high schools)
- II. Business development and SME competitiveness
- III. Development of digital infrastructure
- IV. Moving towards a low-carbon economy
- V. More efficient use of resources

OP TAK (2021 – 2027)

Provider: ESIF, Ministry of Industry and Trade

Main contact at MU:
[Office for Development](#)

– Pros&Cons

- ✓ Higher success rates
- ✓ Higher funding
- ✓ Support of various types of cooperation of companies and research organizations (classic R&D projects similar to TA ČR TREND, proof-of-concept, innovation vouchers)
- Primarily aim at companies, we can be only partners or subcontractors
- Financing ex-post (after every project phase)
- Research organization do not have 100% funding rate
- Higher administration for project department at faculties (non-eligibility of some costs) in comparison to other national R&D programs (similar to OP JAK)
- 3-5 years of sustainability (reports)

Application

Provider: ESIF, Ministry of Industry and Trade

– Aim

- Research and development of new products, materials, technologies and services leading to innovation of higher rate

– Support for

- Already established companies to increase their innovation performance, increase investment in R&D activities and focus on increasing added value.

– Similar to TA ČR TREND

Call open!

| Call ID | IMPAKT 1 |
|-------------------|--|
| Deadline | 30. 11. 2022 |
| Applicants | Companies, research organizations only as partners |
| Expected results* | prototype/functioning sample, verified technology, software, utility model/industrial design |
| Duration | Not specified |
| Funding | 2-125 mil. CZK/project (total for call 4 000 mil. CZK) |
| Funding rate | 85% for research organizations |

*Definition of types of results

Proof of Concept

Provider: ESIF, Ministry of Industry and Trade

– Aim

- Development of technology and knowledge transfer between research organizations and enterprises that can transfer research results into practice

– Support activities

- A. Verification of technical feasibility and commercial potential resulting in the feasibility study for further R&D
- B. Finalization of experimental development and preparation of its commercialization

Call open!

| Call ID | IMPAKT 1 |
|-------------------|---|
| Deadline | 30. 11. 2022 |
| Applicants | Small and medium companies, research organizations provides only know-how, expertise or researchers |
| Expected results* | A. feasibility study B. commercialization plan |
| Duration | Not specified |
| Funding | A. 0,5-5 mil. CZK/project B. 0,5-20 mil. CZK/project |
| Funding rate | Only for companies |

*Definition of types of results

OP Jan Amos Komenský - OP JAK (2021 – 2027)

Provider: ESIF, Ministry of Education, Youth and Sports

Main contact at MU:
[Office for Development](#)

– Priorities and its specific aims (relevant to R&D):

I. R&D

- Development and strengthening of research and innovation capacities and the introduction of advanced technologies
- Development of skills for smart specialization, industrial transformation and entrepreneurship

Excellent and applicable R&D (adherence to Green Deal; interdisciplinarity)

Collaboration of research and application sector (joint research projects; application / demonstration labs; focus on applicability of research)

Strengthening infrastructure (large research infrastructures – roadmap; EOSC; infrastructure for specific R&D projects; conditions for future researchers – PhD students)

Human resources and institutional environment in research organizations (internationalization, international mobility of researchers, work-life balance)

II. Education

Calls announced in 2023/2024

- ✓ MSCA Fellowships (2022)
- ✓ Excellent research (2022)
- ✓ Long-term inter-sector collaboration (2023)
- ✓ Apply Labs (2023)

M U N I

MU Internal projects

GAMU (MUNI Grant Agency)

Provider: MU

| Research support programme | Call deadline | Duration | Allocation | Number of supported projects |
|---|---------------|---------------|-------------------|------------------------------|
| Support for Preparation of International Grant Projects | continuously | individual | CZK 1 mil. | Not specified |
| Career Restart | 15. 10. 2022 | 2 years | CZK 5 mil. | 10 |
| INTERDISCIPLINARY | 15. 10. 2022 | 3 years | CZK 6 mil. | 2 |
| MASH | 10. 12. 2022 | 5 years | CZK 25 mil. | 1* |
| MASH Junior | 10. 12. 2022 | 3 years (+ 2) | CZK 18 (+ 8) mil. | 3* |
| MUNI Scientist | 15. 10. 2022 | award | CZK 2 mil. | Not specified |

*in a case MASH is not granted, higher number of MASH Junior projects can be supported

| Grants for students | Next call | Duration | Allocation | Number of supported projects |
|--|---------------|----------|------------|------------------------------|
| Outstanding diploma thesis | November 2022 | 1 year | CZK 1 mil. | Not specified |

M U N I

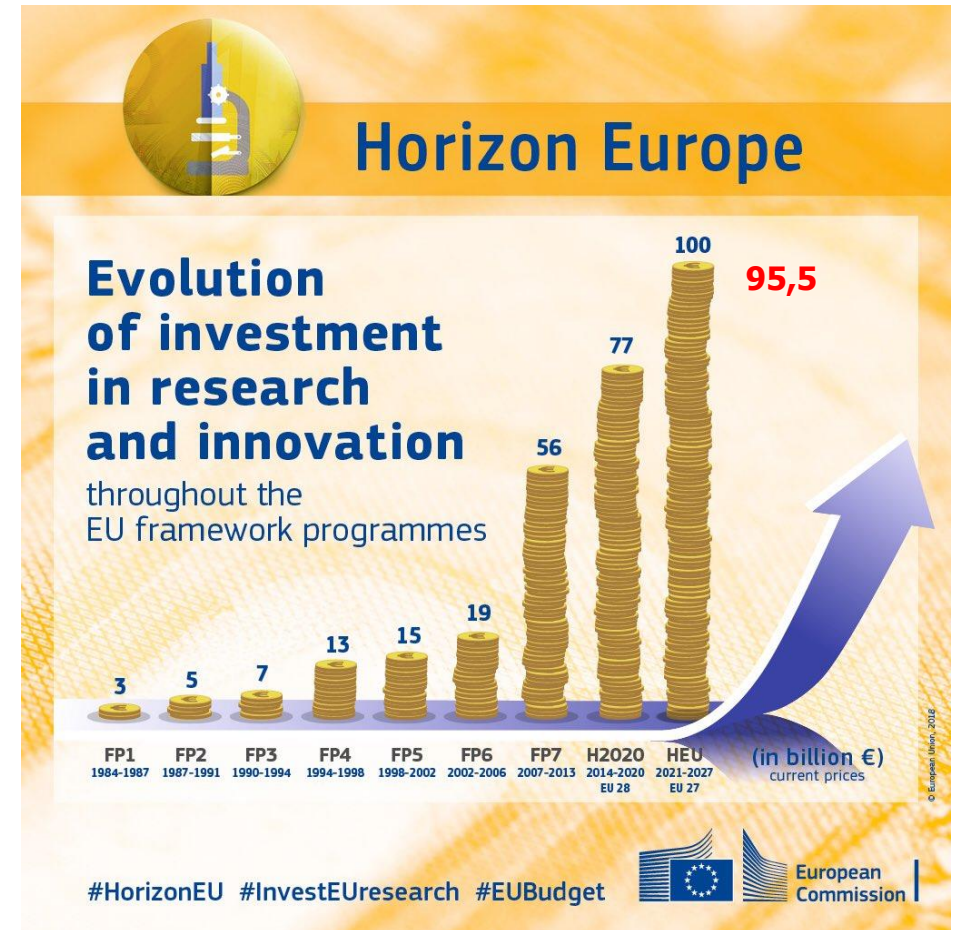
Horizon Europe

(European Union)

European Framework Programmes

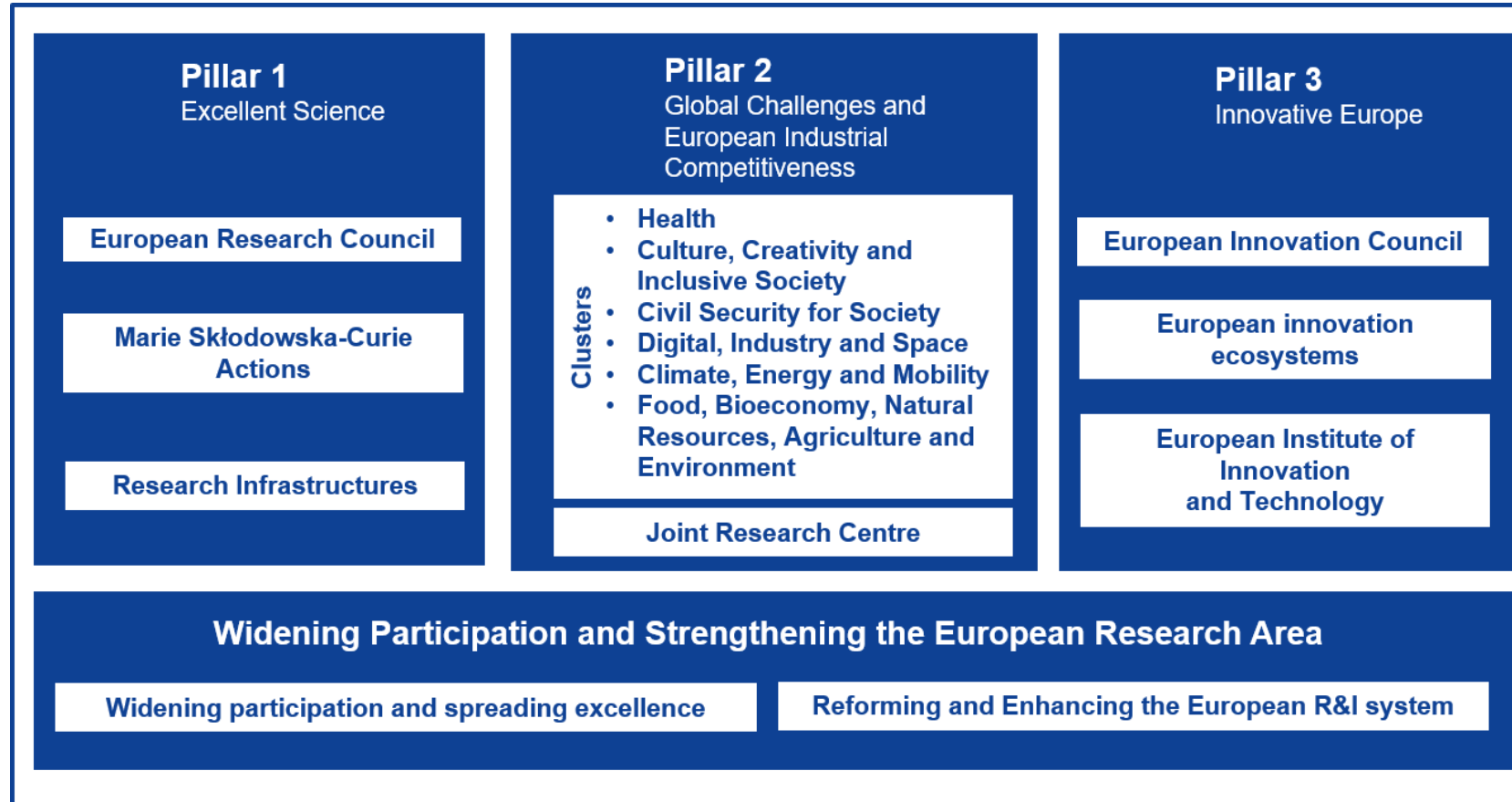
provider: European Union

- 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)

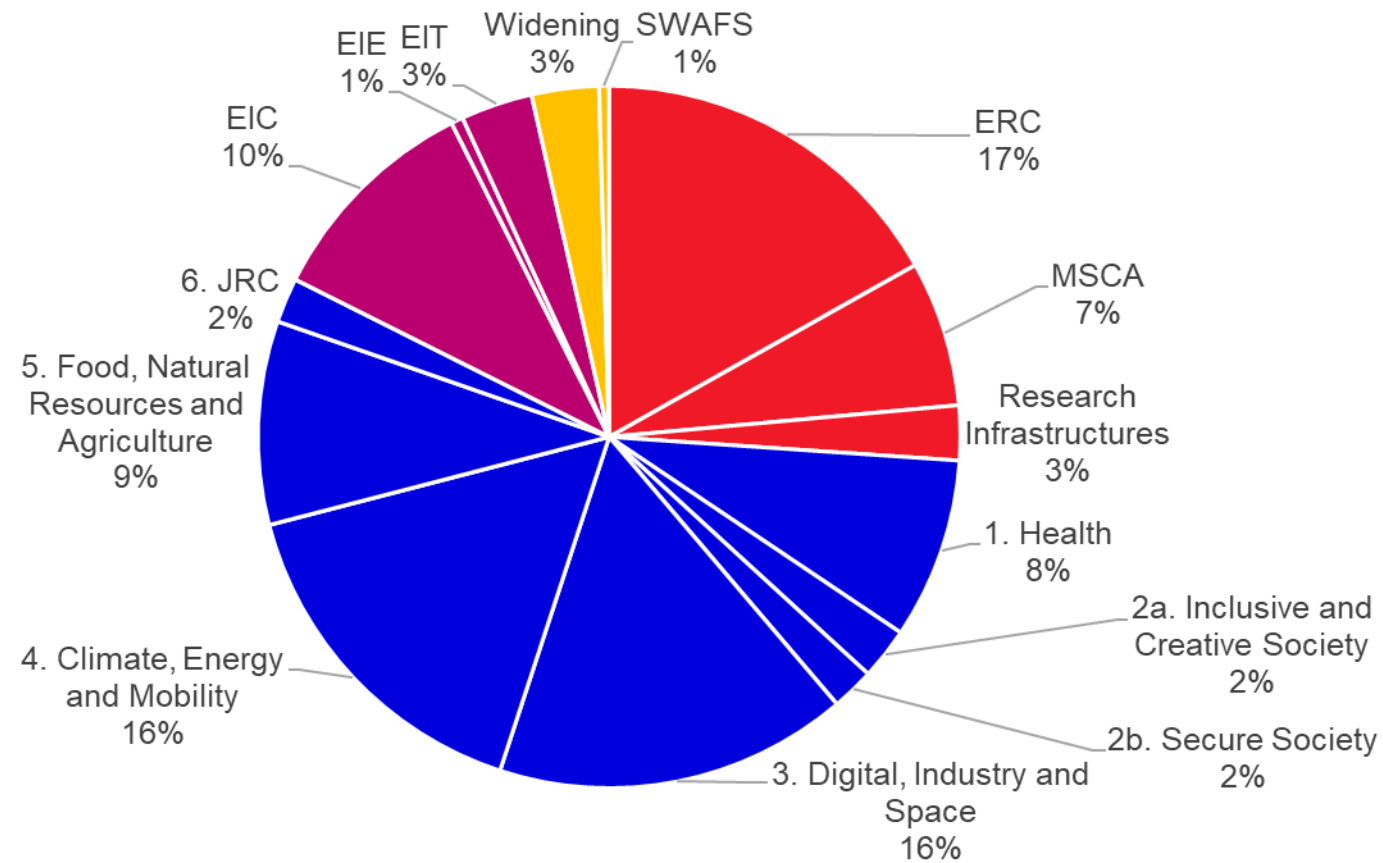


Horizon Europe: structure

2021-2027 provider: European Union

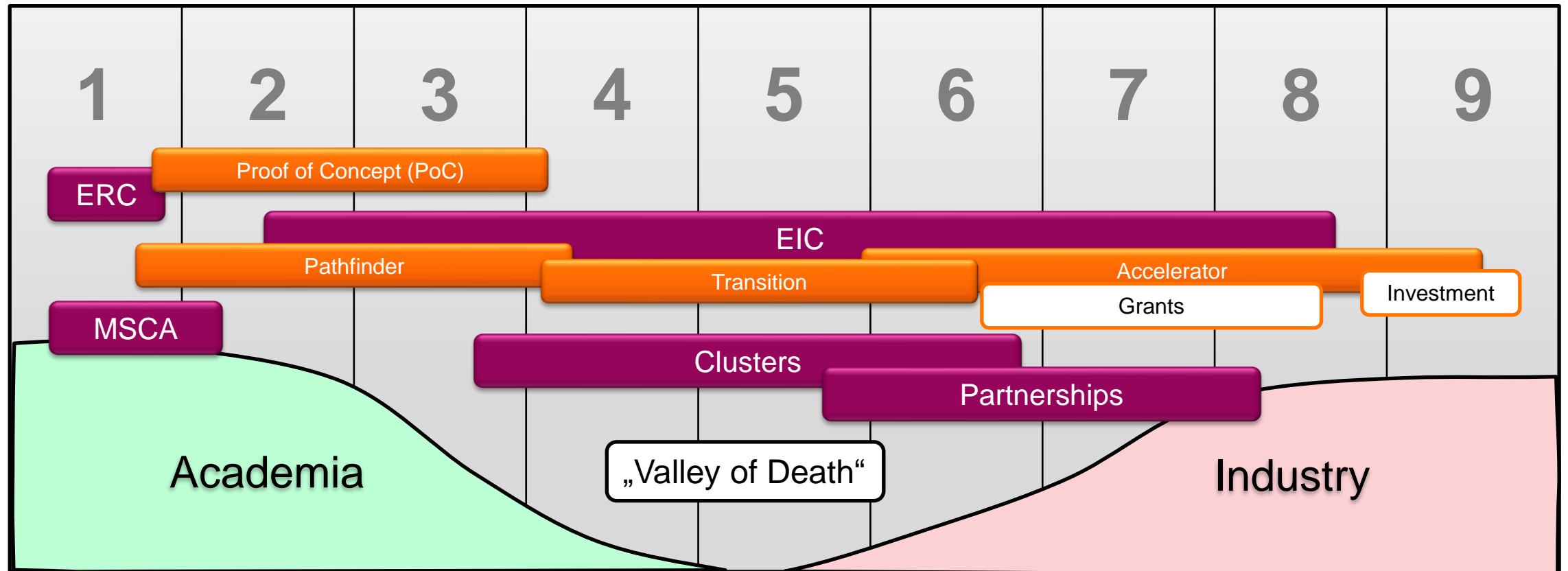


Horizon Europe: budget



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 Staring Grant

Horizon Europe – Pillar 1 – ERC

- next ddl: 25 Oct 2022
- 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 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 |

| | |
|------------|--|
| 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 |

ERC Consolidator Grant

Horizon Europe – Pillar 1 – ERC

- next ddl: 2 Feb 2023
- 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: 23 May 2023
- 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: 8 Nov 2022
- 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: 15 Nov 2022
- 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 Mar 2023
- 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: ?? Sep 2023
- 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

- novelty: MISSIONS
 - 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
- coordinated research across pillars (dedicated calls in Pillar II)
- portfolio approach
- aiming to engage the public and accelerate strategic areas
- governed by Mission Boards

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

OVERVIEW OF 49 CANDIDATE EUROPEAN PARTNERSHIPS

PILLAR II - Global challenges & European industrial competitiveness

| CLUSTER 1: Health | CLUSTER 4: Digital, Industry & Space | CLUSTER 5: Climate, Energy & Mobility | CLUSTER 6: Food, Bioeconomy, Agriculture,... |
|---|--|---|--|
| Innovative Health Initiative | Key Digital Technologies | Clean Hydrogen | Circular Bio-based Europe |
| Global Health Partnership | Smart Networks & Services | Clean Aviation | Rescuing Biodiversity to Safeguard Life on Earth |
| Transforming Health Care Systems | High Performance Computing | Single European Sky ATM Research 3 | Climate Neutral, Sustainable and Productive Blue Economy |
| Risk Assessment of Chemicals | European Metrology (Art. 185 of the TFEU) | Europe's Rail | Water4All "Water security for the planet" |
| ERA for Health | Artificial Intelligence, Data and Robotics | Cooperative, Connected and Automated Mobility (CCAM) | Animal Health and Welfare* |
| Rare Diseases* | Photonics | Batteries "Towards a competitive European industrial battery value chain" | Agroecology "Accelerating Farming Systems Transition" |
| One Health / Antimicrobial Resistance* | Made in Europe | Zero-emission Waterborne Transport | Agriculture of Data* |
| Personalised Medicine* | Clean Steel - Low Carbon Steelmaking | Zero-emission Road Transport (2ZERO) | Safe and Sustainable Food Systems* |
| Pandemic Preparedness* <i>Co-funded or co-programmed</i> | Processes4Planet | People-centric Sustainable Built Environment (Built4People) | |
| | Globally Competitive Space Systems** | Clean Energy Transition | |
| | | Driving Urban Transitions to a Sustainable Future | |

■ Institutionalised Partnerships (Art 185 or 187 of the TFEU)
■ Co-Programmed
■ Co-Funded

* Calls with opening dates in 2023-24
 ** Calls with opening dates not before 2022



PILLAR III - Innovative Europe

| EIT (KNOWLEDGE & INNOVATION COMMUNITIES) | SUPPORT TO INNOVATION ECOSYSTEMS |
|--|----------------------------------|
| InnoEnergy | Innovative SMEs |
| Climate | |
| Digital | |
| Food | |
| Health | |
| Raw Materials | |
| Manufacturing | |
| Urban Mobility | |
| Cultural and Creative Industries | |

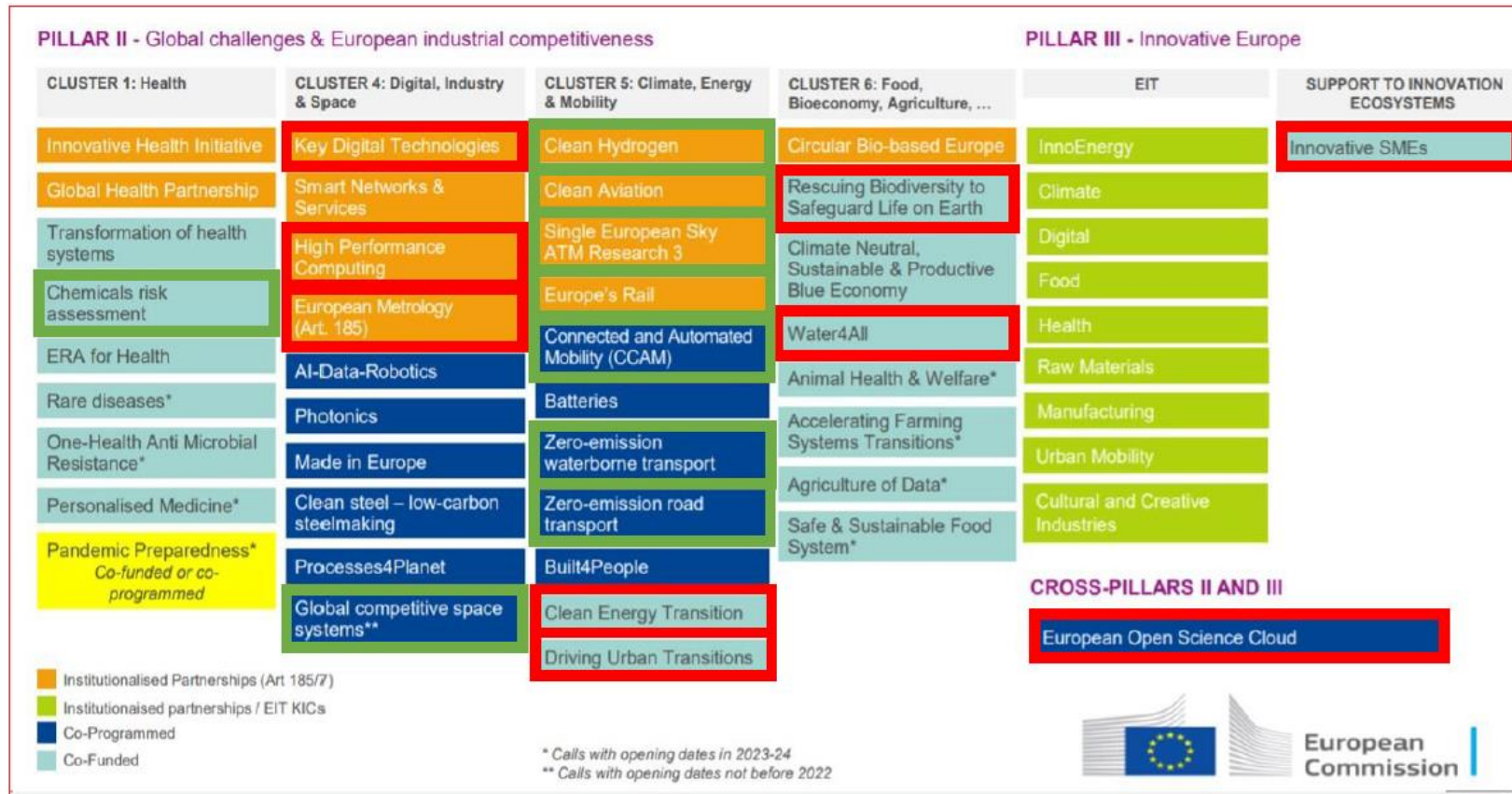


CROSS-PILLARS II AND III

| |
|--|
| European Open Science Cloud (EOSC) |
| Complementing Horizon Europe, Euratom Research and Training Programme has 3 Partnerships |
| EUROfusion |
| Radioactive waste management |
| Radiation protection |

■ Institutionalised Partnerships (Art 815 or 187 of the TFEU)
■ Institutionalised Partnerships / EIT KICs
■ Co-Programmed
■ Co-Funded

Partnerships – CZ involvement



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

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

EIC Transition

Horizon Europe – Pillar 3

– 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 (exceptionally) small mid-caps |
| Funding | Grants up to 2.5 million EUR, 70% funding Investments 0.5 to 15 million EUR (optional) |
| TRL | 5/6-8 (grants); investment scale-up |
| Duration | 2-4 years |
| Purpose | Grant for technology development and validation; Investment for scaling-up and any other activities |

Teaming

Horizon Europe – Widening

- next deadline: 12 Apr 2023
- 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: 28 Sep 2023
- 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: 7 Mar 2024
- 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: 7 Mar 2024
- 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 10 Nov 2022, 26 Oct 2023, 24 Oct 2024*)
- **European Excellence Initiative**: up to 6 mil. EUR to improve collaboration in already existing alliances (*deadline 13 Apr 2023*)
- **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) (*deadline 28 Sep 2023*)
- **ERA Talents**: up to 3 mil. EUR for experimental mobility projects with strong intersectoral dimension (*deadline 15 Nov 2022*)

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!