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... research useful to society

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**Technology Agency
of the Czech Republic**

Petr Očko

Chairman

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TA CR at a glance

Mission:

Technology Agency of the Czech Republic (TA CR) is an organizational unit of the state and an administrator of a state budget chapter with the effect from 1st July 2009

Tool for the implementation of a reform of research, development and innovation (R&D&I) system

- To reduce a number of state budget funding bodies
- To simplify the administration of the R&D&I

Objectives:

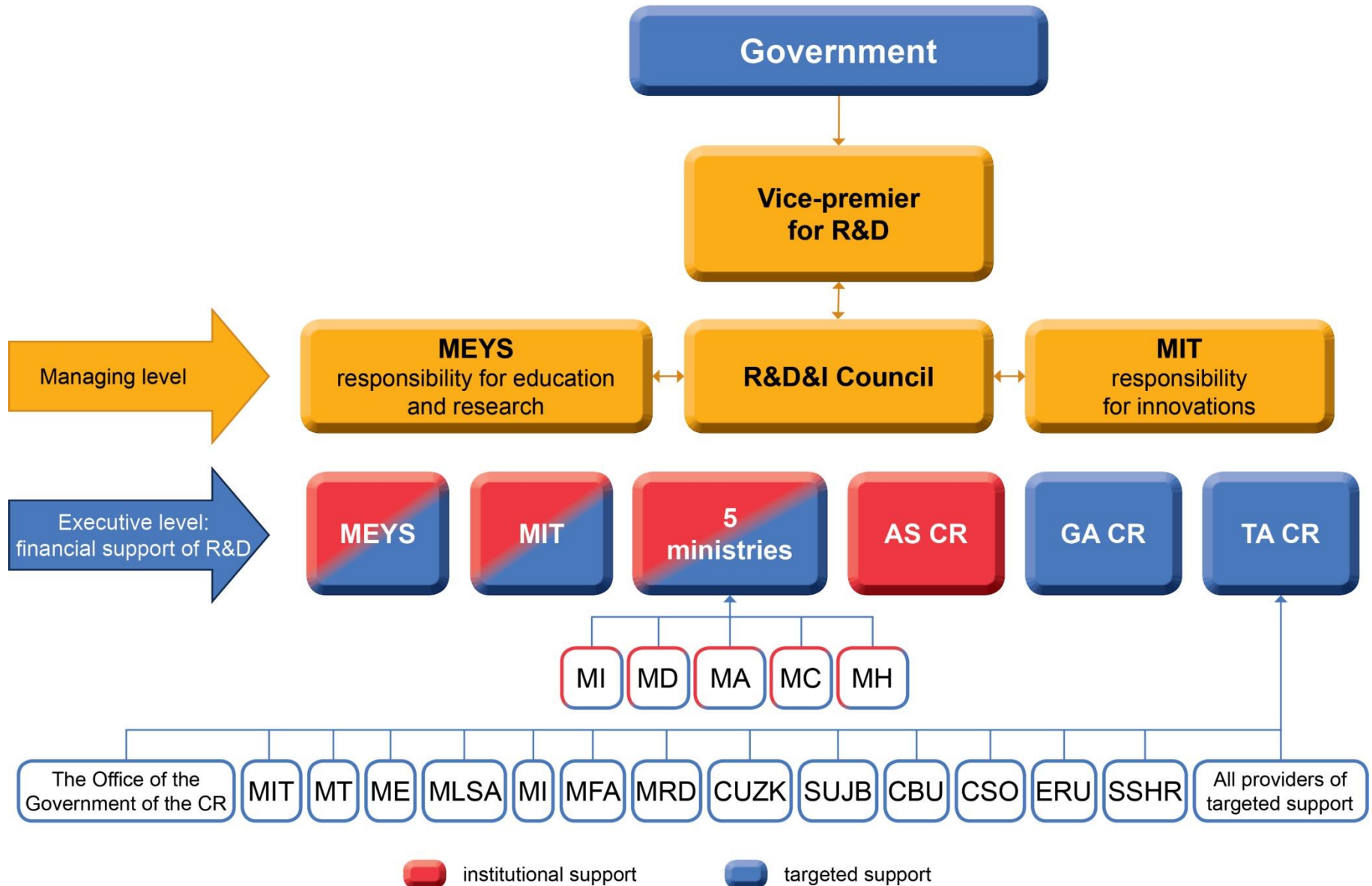
- To support the applied research, experimental development and innovation in the CR
- To support the cooperation and communication between research organizations and the private sector
- To reduce the fragmentation of targeted support in the CR
- To contribute to increasing the competitiveness and the economic growth of the CR

Tasks:

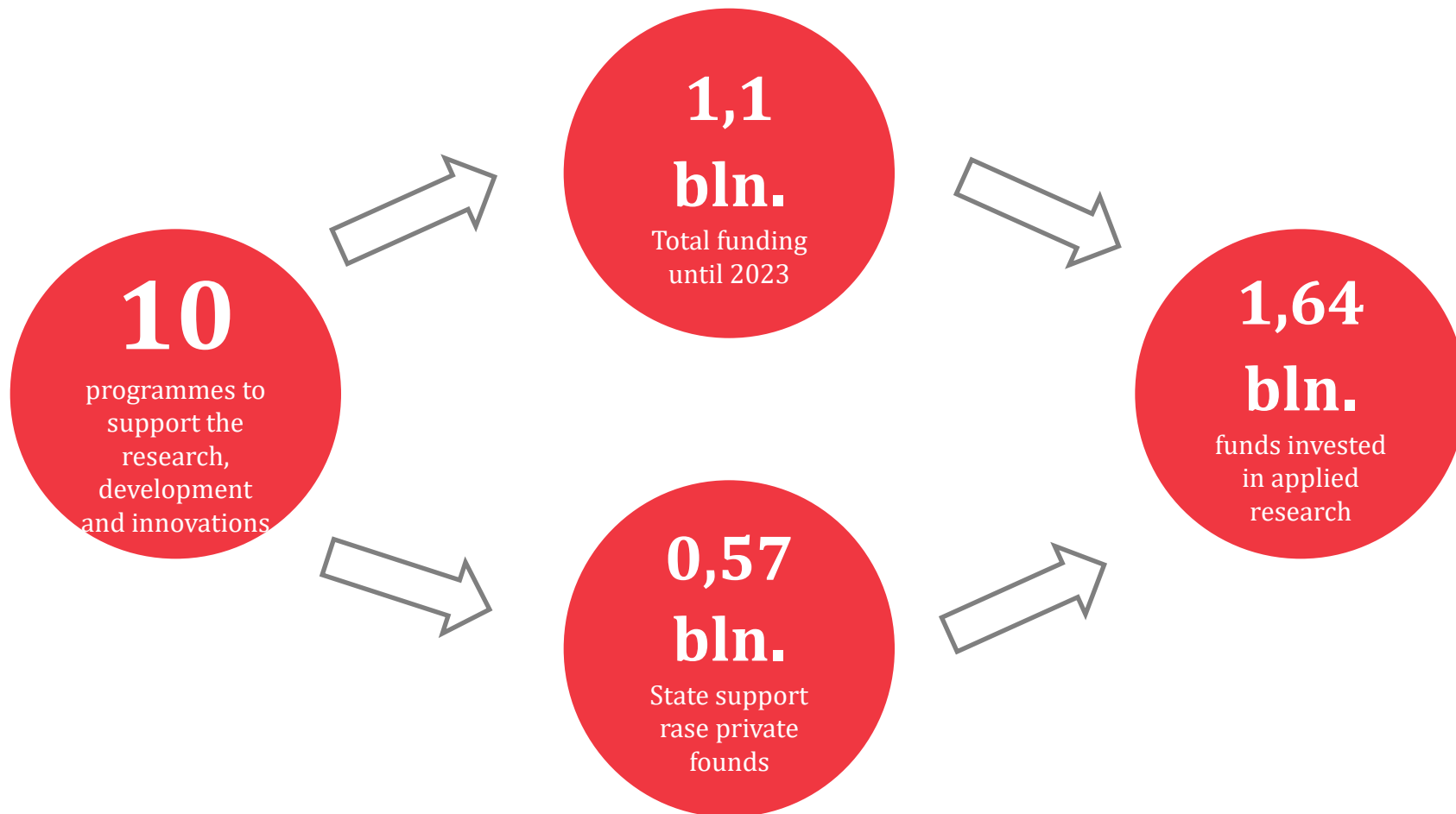
- The preparation and implementation of programs and projects of applied research, development and innovation
- Consultancy to researchers and users of project results
- Collaboration with ministries and similar agencies – both domestic and foreign

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Management of R&D System in the CR



TA CR in numbers (EUR)



Ongoing programmes

- **ALPHA** – searching for “smart solutions“ in areas of progressive technologies, sustainable transportation and protection of the environment
- **BETA/2** – public procurement in R&D for the needs of public administration bodies
- **OMEGA** – searching for “smart solutions“ in the field of applied social sciences
- **Competence Centres** – support for a long-time and sustainable collaboration between research organizations and companies working on a dedicated research agenda
- **EPSILON** – replaces program ALPHA, based on ministerial strategies and National priorities of applied research
- **GAMMA** – support for the commercialization of outputs of applied research and development
- **DELTA** – support of international collaboration in applied R&D
- **ZETA** - promotion of equalization of opportunities for young researchers - men and women - when solving applied research projects
- **THETA** – R&D&I support in the energy sector with a focus on securing state supervision of nuclear safety, new technologies and long-term technical perspective, prepared in collaboration with the MIT, MEYS, SONS and ERO.

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TA CR focuses on all key sectors, such as:



$$E=mc^2$$



**Social
Sciences**

**Math. &
Physics**

Chemistry

**Earth
Sciences**

**Bio-
sciences**

**Medical
Sciences**

**Agri-
culture**

**Infor-
matics**

Industry



Industry 4.0



Cultural and Creative Sectors



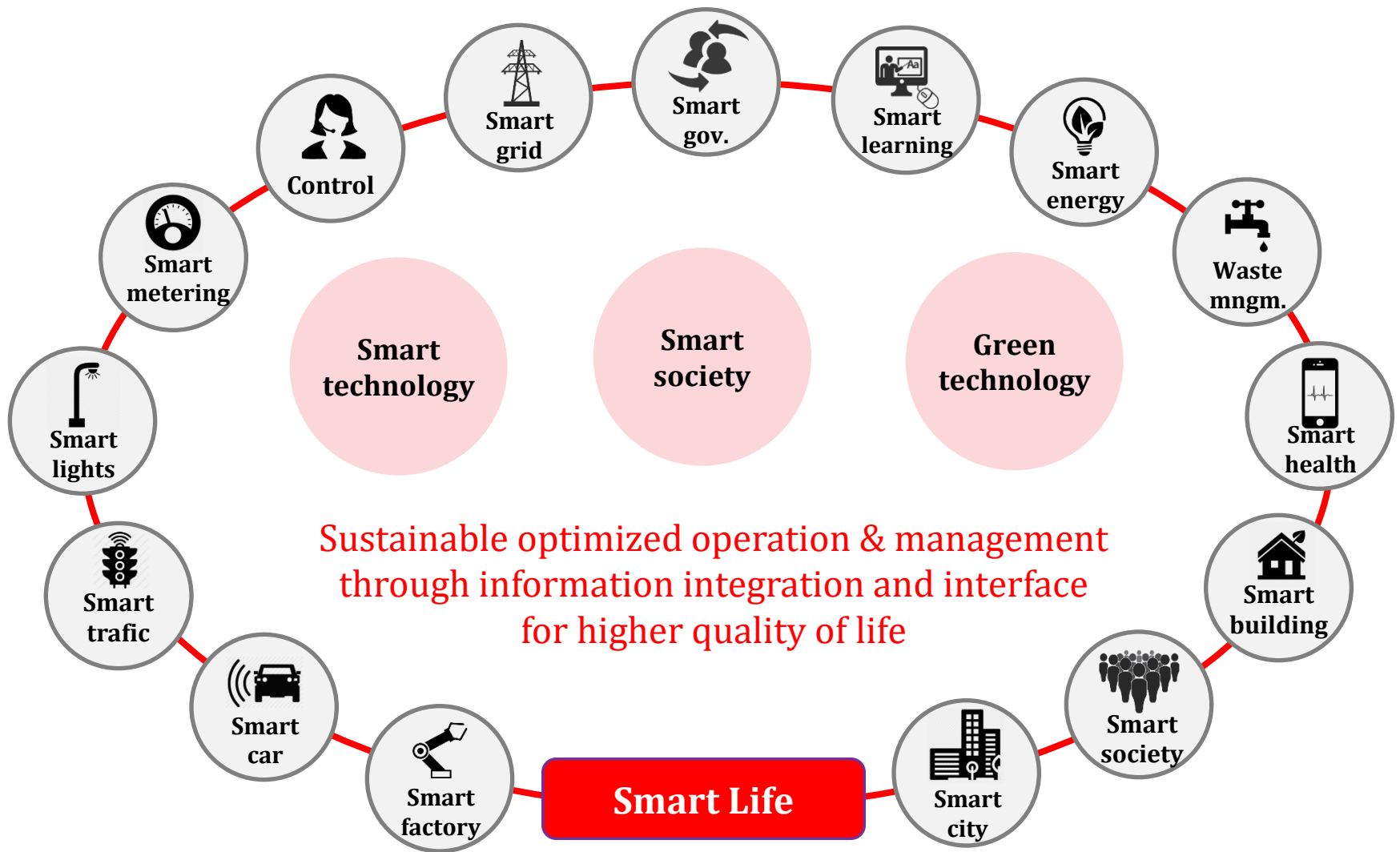
Smart & Green Technology



Human & Society

...and on cross-sectional areas of the future

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Support high-potential SMEs – Seal of Excellence

The programme aims to support the verification of the results of applied research in terms of their practical application and to prepare their subsequent commercial use.

The main objective is to support and significantly streamline the transformation of R&D results achieved in research organizations and/or in collaboration between research organizations and enterprises into practical applications to enable their commercialization.

TA CR managed to implement Seal of Excellence Scheme for the SME Instrument (Phase 1) within the GAMA programme.

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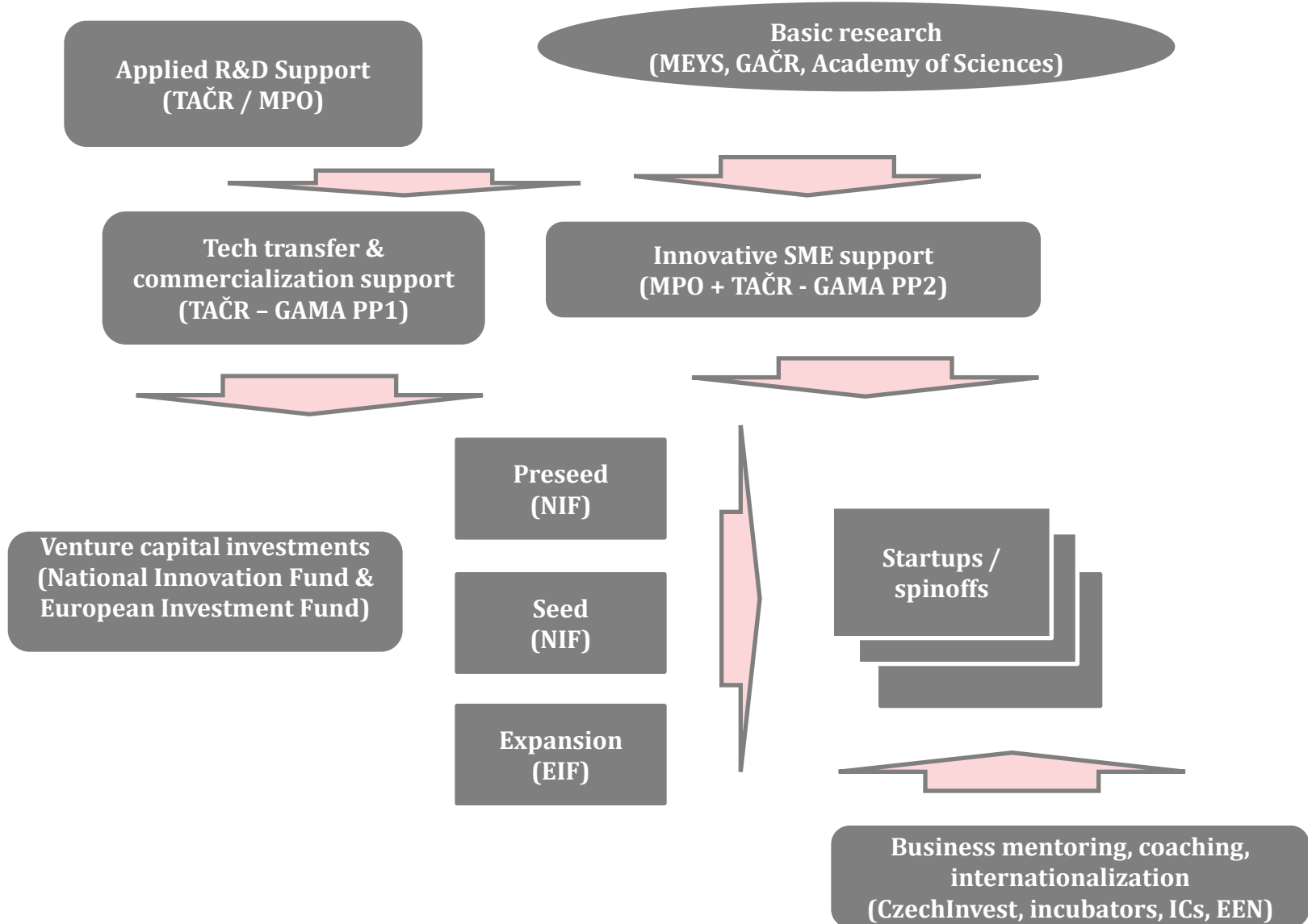
Support high-potential SMEs – Seal of Excellence

Mindpax - BiPoGear - the telemedicine system for the management of Bipolar Affective Disorder

Softech – BeeSmart – Intelligent beehive monitoring and control system based on bee acoustic monitoring

NAFIGATE Corporation - Biotechnology for the production of PHA biopolymer from waste oil

Mosaic of startup support in Czech Republic



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Support of innovative SMEs - cooperation with Israel and other countries



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Thank you for your attention.



Technology Agency of the Czech Republic
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