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Research useful to society

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Financial support
for cross-border cooperation

Martin Bunček
Director of the Technology Agency of the CR

Czech-German Day of Applied Science

February 2019

- 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 contribute to wellbeing (increasing the competitiveness and the economic growth of the CR)

To do so by

- **Investing into collaborative research projects**
- **Fostering communication**
- **Fostering application of research results to practice**

Principles

- Collaborative applied R&D projects incl. research infrastructures
- Technology transfer from universities to practice
- Linking social and technical disciplines
- Support for young researchers
- Bottom-up approach

Figures

- **10 funding schemes in realisation**
- **180-185 mil. USD yearly expenditure**
- **Average funding rate = 65,5 %**
- **Companies = 48% of supported entities**
- **59 % of funding for private sector goes to SMEs**

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Czech-German Cooperation supported by the TA CR in DELTA programme

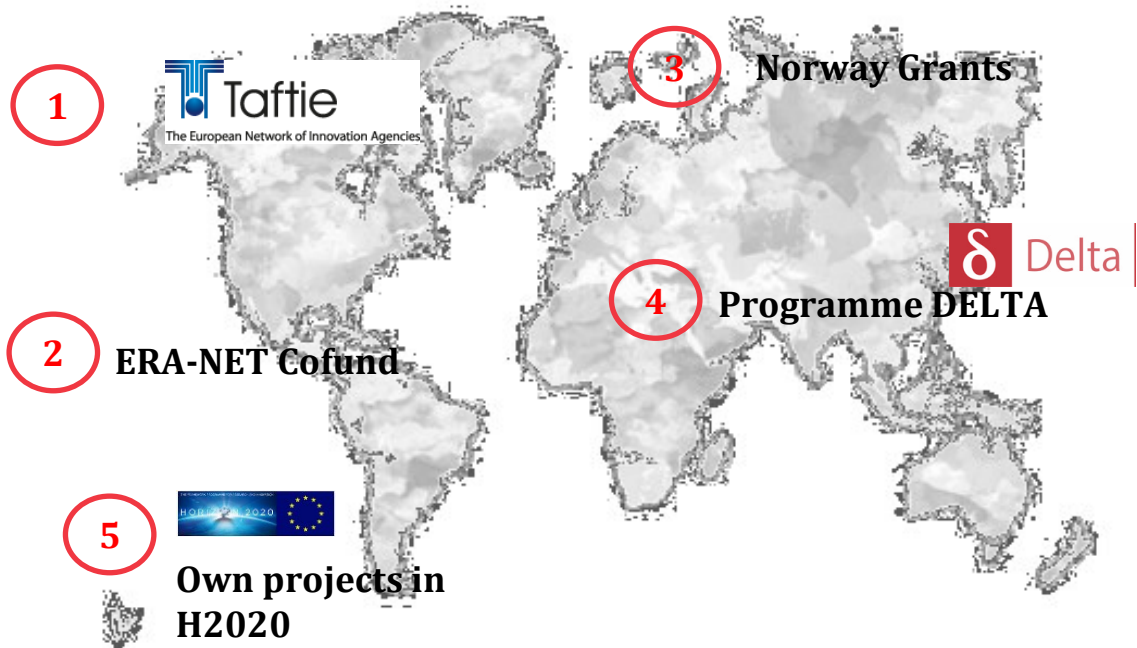


- Industry 4.0
- 2 joint calls announced
- 10 supported projects
- TA CR funded over 12 mil eur
- 25 SME's and 19 research organisations supported
- Main fields: IT, manufacturing, electrical engineering, mechanical engineering

Project examples

- *digiCON2 - Simulation service for digital concrete production*
- *DAMiAS - Data-driven Asset Management in Automobile Industry Based on Semantic Modelling*
- *GeoTech 4.0 - Cyber Physical System for GeoEngineering Production Process (GeoProduction)*
- *Trust 4.0: Data Oriented Modelling and Analysis for Trustworthy Processes in Industry 4.0 Systems*

Cross-border cooperation opportunities



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TA CR in ERA-NET Cofunds

- The TA CR is involved in several partnerships within ERA-NET Cofunds
- Opportunity for research community to apply for funding for their joint international research projects
- Opportunity for Czech applicants - businesses and research organizations
- Calls are jointly announced by the research funding organizations (RFO) involved in the respective Cofund Scheme
- Each RFO finances successful applicants from their country
- The TA CR will provide funding for successful Czech applicants within international projects

ERA-NET cofunds Call with Germany in 2019:

- M-ERA.Net Call 2019
- ERA-MIN 2 Call 2019 (*participation of the TA CR to be announced*)
- EuroNanoMed 3 Call 2020 (*participant status of Germany to be announced*)

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TA CR in ERA-NET Cofunds



materials research and innovation

Deadline pre-proposal 06/2019



*research & innovation on raw materials
to foster circular economy*

Deadline pre-proposal 01/2020



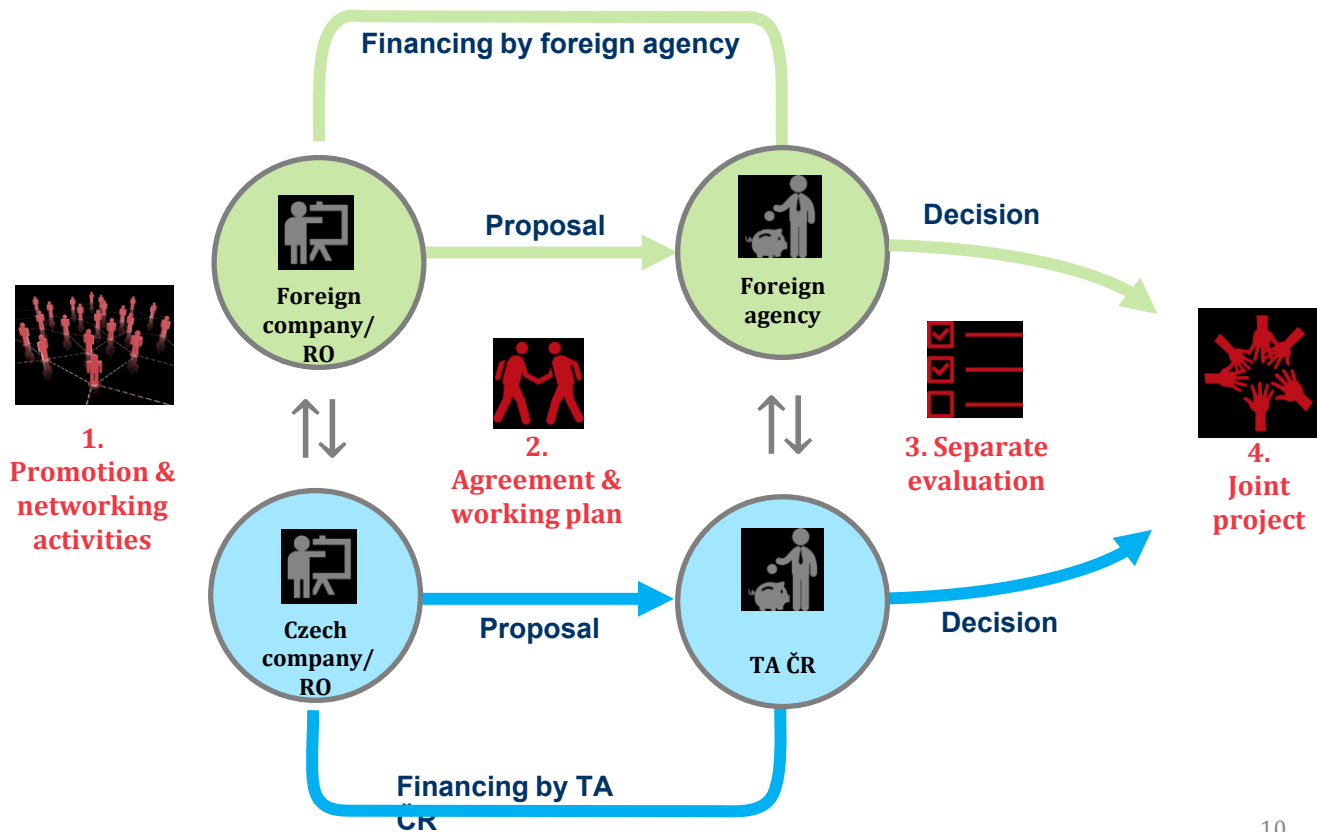
*nanotechnology in medicine and
healthcare*

Deadline pre-proposal 01/2019

- Programme not thematically focused
- Project length max. 3 years
- Support per project up to cca 986 000 EUR
- First call is planned for June 2019

Expected Programme Procedure and Schedule:

- 1. launch of the call for proposals – **June 2019**
- 2. call opened for project proposals – June - August
- 3. evaluation of project proposals – August - November
- 4. announcement of the call results – **November 2019**
- 5. conclusion of contracts on the provision of funding – December 2019
- January 2020
- 6. start of projects and funding– **January 2020 onwards**



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Thank you for your attention

www.tacr.cz