



# TECHNOLOGY ASSESSMENT IN CZ

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# 1. CZECHIA: STATUS QUO

- New government – more options for knowledge based policy making since December 2021 (Prime Minister: Petr Fiala). **VISION: A smart, modern, effective and economical state, belonging to democratic Europe and defending democratic principles.**
- General gov support to **Green Deal ambitions** – sustainability, energy self-sufficiency, climate change challenges, digitalisation, democratisation.
- National RDI support agencies starting to built on more and better public / citizen engagement, civil society principles, participatory methods (TA and foresight – outlook studies)
- Strong emphasis on inter-disciplinary approaches and projects on new technologies and their impact on society as a whole.



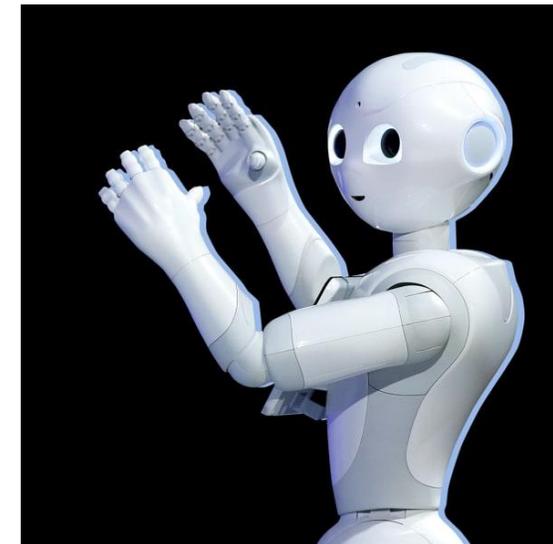
# 1. CZECHIA: ACTOR LANDSCAPE

## Political level:

- Government Office – new National RDI Policy 2021+ (plus Conceptual implementation document on digitalisation of IS RDI CR 2021-2025)
- New Ministry for RDI and Strategy called Digital Czechia 2030 (Pirats)
- Technology Agency CR – the main provider of applied research support has currently listed TA in a call for proposals (will come back to this later)

## Research – Institutional level:

- Many research institutions deal with TA-like activities but they do not call it this way (except TC CAS and CTU – HTA)
- Technology Centre CAS plays a strategic role as a think tank and knowledge base for decision makers + puts now together the key national TA expertise
- Universities and RIs – not only technical ones, but also societal and ethical dimension of new and emerging technologies is gaining more and more attention in social sciences and humanities (Centre of Karel Čapek, FSS ChU, IS CAS etc.)

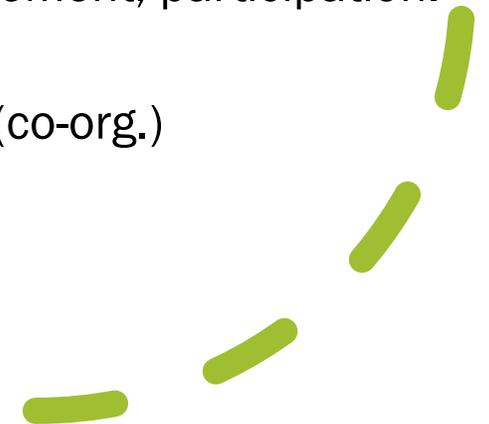


# TC CAS ROLE AND ACTIVITIES IN TA / TF

- TA and foresight networks (UNIDO, STOA, ETAG, EPTA, GlobalTA, TA Portal..)
- Lobby for inter-disciplinarity and inter-sectoral cooperation in innovative projects and initiatives or even RDI programmes
- Introducing new methods of TA and foresight, incl. participatory approaches in strategic knowledge based policy making
- International as well as national cooperation - projects

## Planned activities 2022:

- The ERA Mutual learning exercises focus on specific R@I challenge of interest to several Member States and Associated Countries. Its aim is to identify good practices, lesson learned and success factors. TC CAS will participate on MLE on Foresight for R&I organization.
- TC CAS will organise a workshop on Foresight for Research and Innovation Policy to be held in October 2022 in the context of the Czech Presidency of the EU. Topic: public engagement, participation.
- TA proposal for NCC TeS – Deadline: 6.4.2022
- 5th TA Conference in Karlsruhe, Germany 7-22 (co-org.)



# 2. NCC TES: TOPICS AND APPROACHES

**Vision:** Complexity of interactions between technologies and society requires multidisciplinary and transdisciplinary approaches and their systematic research anchor.

## Aim:

Institutionalisation of TA and foresight in CZ

## Duration:

6 years project aiming to institutionalise TA and foresight (35-40 FTEs)

## Call:

Technology Agency CR – 2nd call for National Competence Centres. Newly topic of New technologies and their impact on society (applied social sciences, TA)

## Topics:

Thematic sub-projects in the area of main GD issues – mobility, energy and agriculture

## Topics II:

Emerging technologies related to post-pandemic challenges incl. the war in Ukraine

## Partners:

TC CAS + 10 key social sciences institutions, 1 envi NGO and 6-8 SMEs

## Scope:

Twin Transition – Green Deal and Digitalisation Framework



# 3. WAY FORWARD

- Maintaining international cooperation and sharing of knowledge (globalTA)
- Institutionalisation of TA in the Czech Republic as a stable mechanism for knowledge based policy making
- Improving methods for broader public engagement as the tool for building trust in science, politics and European democratic principles and values
- Supporting trans-disciplinarity with the involvement of all sectors and key stakeholders to find solutions and answers to complex questions of today
- KEEP OUR MINDS POSITIVE AND OPEN towards different opinions and mindsets, new challenges which can always be seen as

windows of opportunity 😊





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