



**MASARYK
INSTITUTE
OF ADVANCED
STUDIES
CTU IN PRAGUE**

INTERNATIONAL EVALUATION PANEL

Prague, June 26, 2025

IEP 2020 Initial Context

(the critical point we moved off)

- Evaluation in 2020 took place during a challenging transition (~70 % staff left)
- Self-evaluation (by former leadership) lacked key information, strategic focus and vision
- MIAS isolated within CTU
 - No joint programmes or research
 - Missing from key CTU strategic documents
- IEP 2020 recommendations led to clearer direction and development across all levels of activities

General Recommendations

(CTU+MIAS)

✓ ***Strengthening Synergy between MIAS and CTU***

- In cooperation with five CTU faculties, MIAS developed **seven teacher training master study programmes** (mathematics, physics, chemistry, electrical engineering & cybernetics, informatics, civil engineering subjects, mechanical engineering subjects) under the National Recovery Plan (started in 2022, accredited in Jan. 2025)
- Joint research projects with faculties – partly successful or still under review
- 2021–2023: CTU Future Fund – internal support for restarting research (open access, conferences, project proposals, staff incentives)
- Since 2022: Postdoc funding to enhance research capacity

MIAS-Level Recommendation

Recommendation: *Strengthen research culture and increase academic research output.*

- ✓ Implemented **incentive system** for academic staff (projects, publications)
- ✓ Included **research activity** in academic staff evaluation

Result:

In 2023, **56 % of staff** were research-active
(lower share partly due to language teaching assistants)

! Stronger focus on **research quality** needed

MIAS-Level Recommendation

Recommendation: Internationalization

✓ Research

- Postdoc positions
- ERASMUS+ cooperation and research networking
- Since 2023: one-month **research fellowships** for academic staff

✓ Teaching

- Increased **student and staff mobility** (mainly through ERASMUS)
- Cooperation with **Virginia Tech, USA** – one-semester program in Economics and Management
- **English-taught study programs** successfully restarted

Result: Restart achieved, with promising progress

MIAS-Level Recommendation

Recommendation: Strengthen Cooperation with Non-Academic Sector

- ✓ Contract research: from 0 (2020) → 4 projects (2023) → 7 (2025)
- ✓ Public and private sector cooperation:
 - **Lifelong learning** – courses for teachers (Ministry of Education), courses with ECTS micro-certificates for corporate and public sphere
 - **Czech language exams** for permanent residence – certified by Ministry of Interior
 - **International aid** – joint education and research activities with Moldovan and Ukrainian universities (Ministry of Foreign Affairs)
 - **Anti-corruption activities** – keynotes, consulting, and working groups (Ministry of Justice)

MIAS-Level Recommendation

Recommendation: Raise MIAS Visibility and Public Awareness

- ✓ MIAS experts in media (especially public-service media) – focus on public policy topics such as education, anti-corruption, and finance
- ✓ Public debates with prominent speakers, focused on current issues and open to a broad audience organized by MIAS
- ✓ Communication and Cooperation with Schools – lectures and discussions for teachers and students, MIAS academicians invited as guest speakers and experts

MIAS-Level Recommendation

- ✓ Teaching process collaboration (teaching linked to practice)
 - **Guest lectures** by experts from industry and government
 - **Internships** (since 2022): contracts with 30+ firms/institutions (≈50 in 2025)
 - **Student projects** with companies – often internationally oriented (e.g. International Project Workshop, ATHENS)

Result:

Dynamic development but ! collaboration remains concentrated within a narrow group.

What Has Changed

Progress since 2020

- ✓ **MIAS reintegrated into CTU**
- ✓ **7 Teacher Training study programmes (impact on future high school teachers and students + links to research)**
- ✓ **Joint projects launched in 2023, others under submission → need continued support**
- ✓ **Stronger collaboration with non-academic sector (incl. contract research, lifelong learning, external experts in MIAS study programmes)**
- ✓ **Internationalization progressing – research projects, study programmes in English, postdocs, networking (ERASMUS+ projects**
 - ! **More attention should be paid to research in economic fields and to supporting research-oriented academic staff.**

Pedagogy and Teaching Methodology of Technical Subjects

- Seven Teacher Training study programs
- Five postdocs in pedagogy, teaching methodology, and psychology
- International research activities and networking

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- Low level of team integration across CTU faculties
- Less developed teaching methodology of technical subjects in the Czech Republic
- Lower citation rate of published articles

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- Research in engineering pedagogy
- Improving teachers' competencies and teaching quality
- Improving the quality of future students and strengthening the interest in technical study programmes

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- Resources – financial, human, and spatial (infrastructure) capacities for study programmes
- Decrease of interest in teaching profession
- Team stability accross CTU

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Innovation Project Management

- **Collaboration with the private sector: student internships, contract research, experts involved in teaching IPW project, ATHENS**
- **Collaboration within EUROTEQ network**
- **Private sector representatives on the MIAS Scientific Board**
- **Study programmes in English**

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- **Lower level of internationalization**
- **Lower level of interdisciplinary collaboration within CTU**
- **Low number of publications in top-tier (Q1/Q2) journals**
- **Lack of basic research**

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- **Improve alumni engagement**
- **Postdocs in economics**
- **HR policy focused on the quality of new academics**
- **Internationalization and networking leading to follow-up project initiatives**

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- **Resources – financial, human, and spatial (infrastructure) capacities**
- **Team stability**

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