

HUNGARIAN AI COALITION AND AI STRATEGY INTRODUCTION

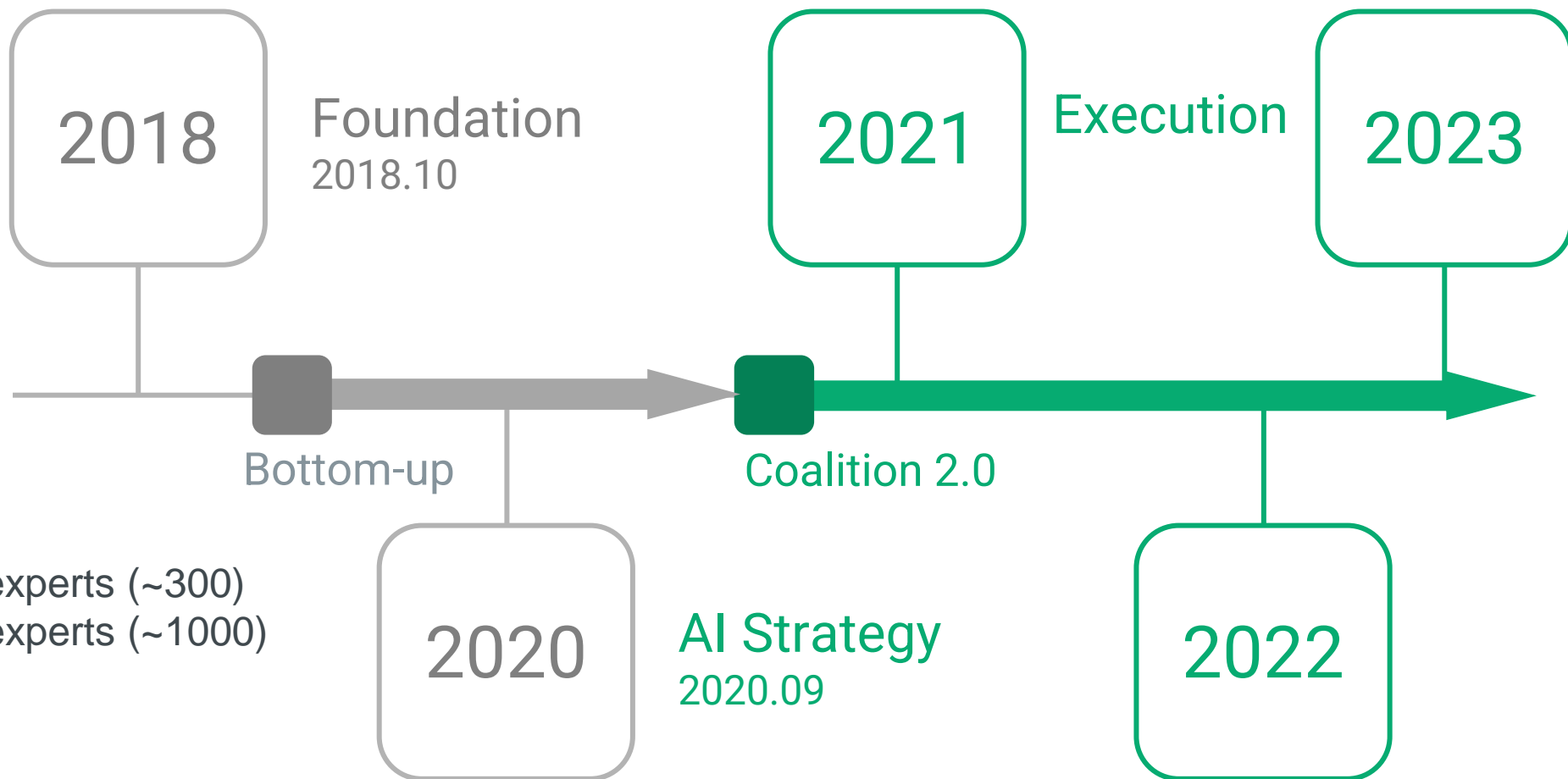
Roland Jakab, President of the Artificial Intelligence Coalition

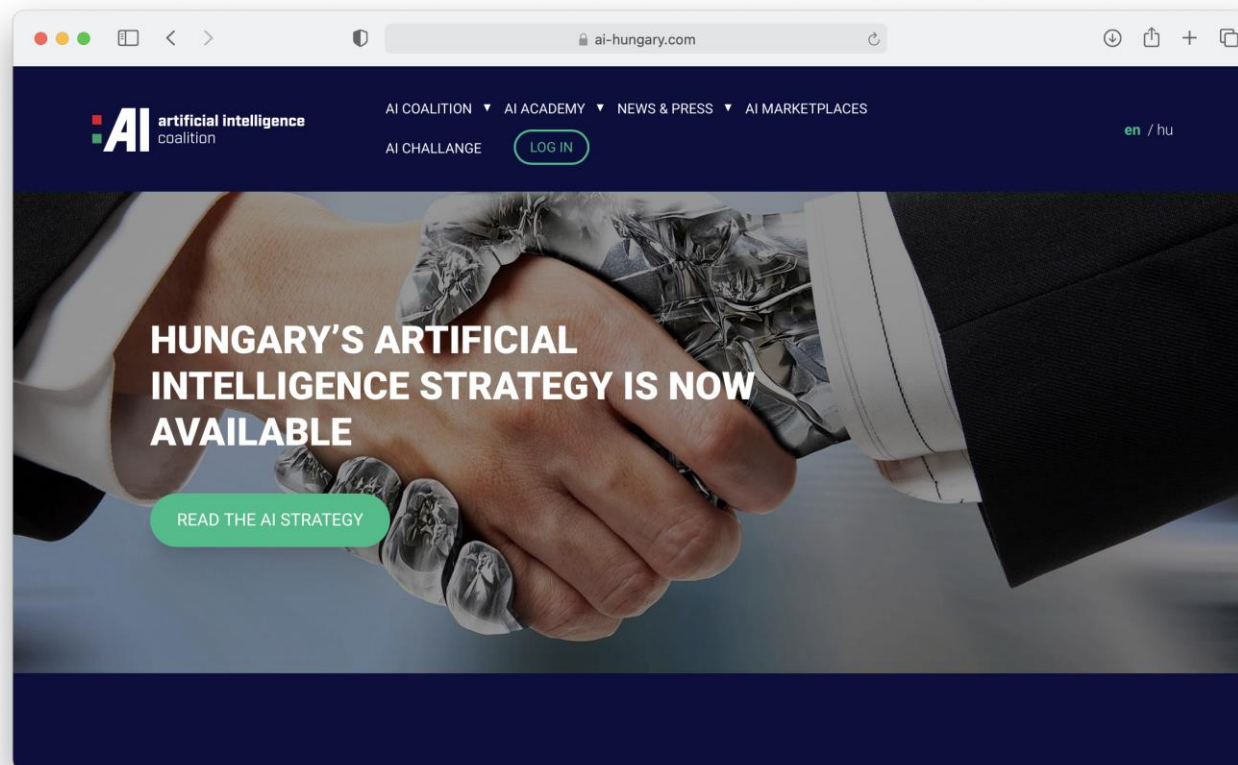


Hungarian AI Coalition - timeline



2018 – members (~100), experts (~300)
2022 – members (~380), experts (~1000)





ai-hungary.com

Macro level goals for 2030



15% AI induced GDP growth, AI adoption rate above regional average



26% average growth in productivity for Hungarian SME-s compared to 2020 (*gross added value per employee*)



1 million citizen find new jobs where they can create bigger higher added value in AI supported roles

Goals directly affecting society by 2030



Hungary is number one European center for developing and testing self-driving vehicles



2 million citizen actively manage their personal data with their personal datawallet



Scheduling of renewable energy is 70% automated with smart technologies



Ammonia emission is reduced by 32% due to data driven solutions used in agriculture



2,5 million citizen is supported by AI enabled education methods



60% of all customer service cases are solved with digital self-service



3 million citizens receives advanced healthcare services with an integrated digital healthcare system

How we act



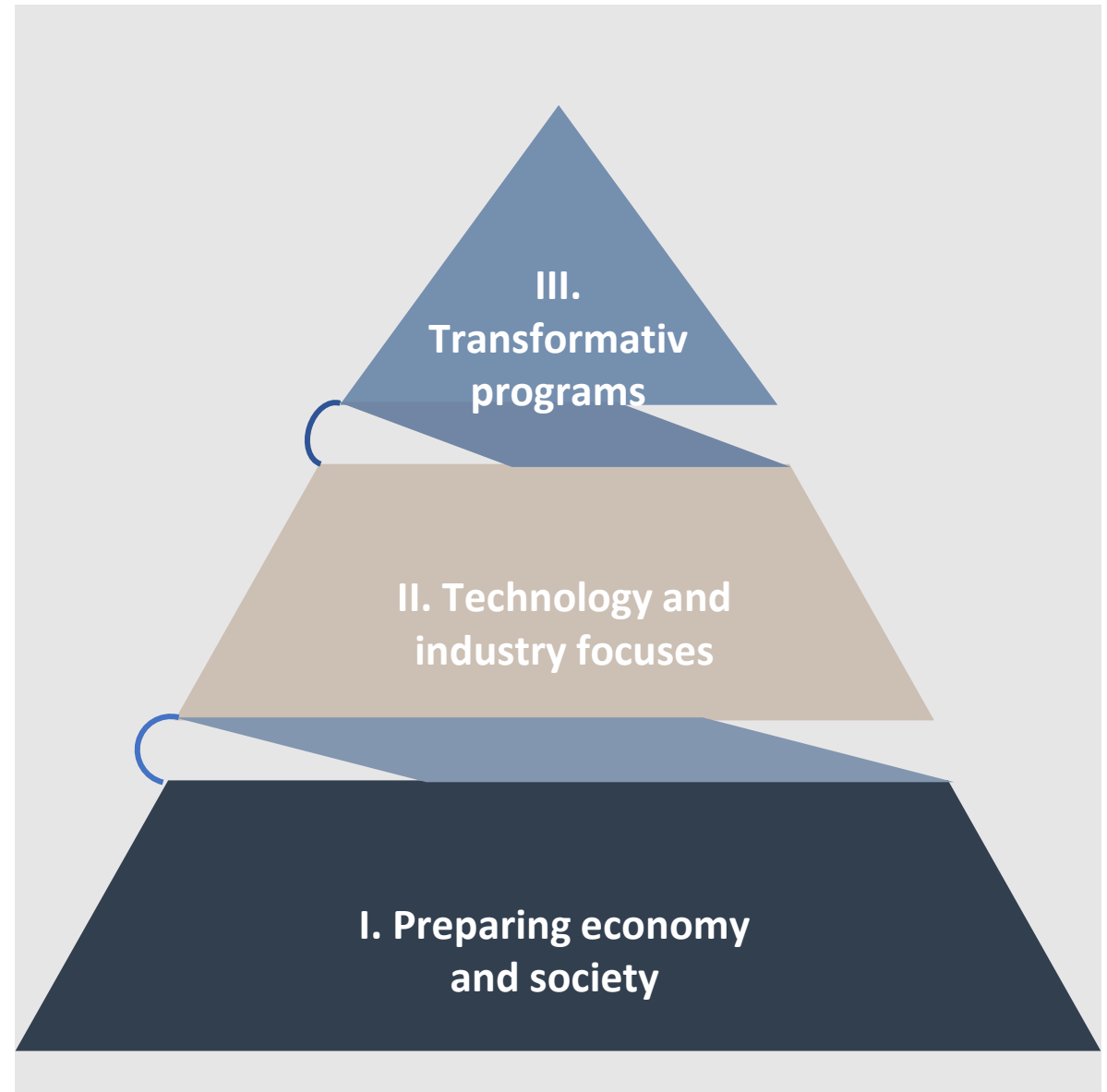
Transformativ programs – AI developments that significantly improve the everyday life of citizens



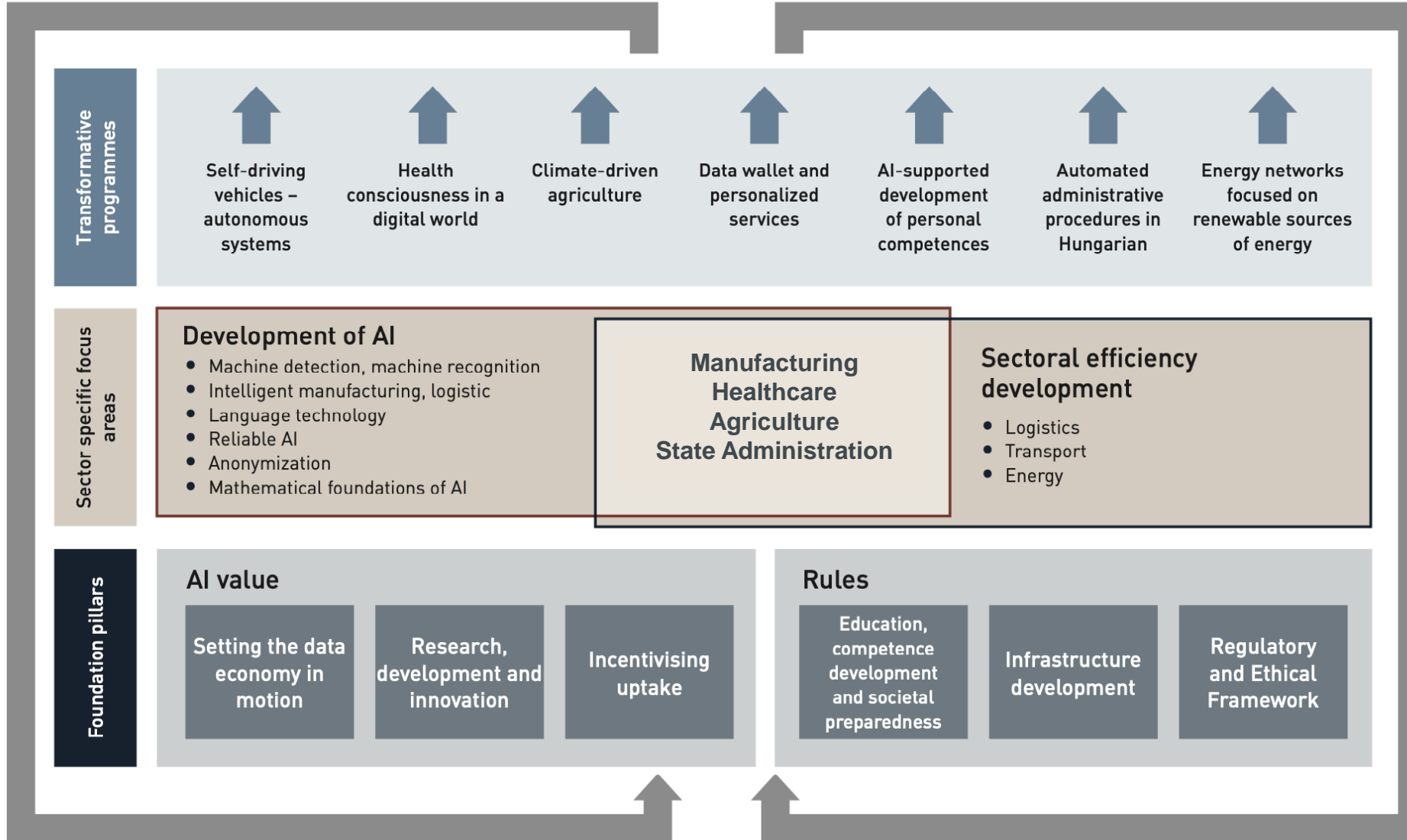
Technology and industry focuses – Sweet spots of development and adaptation with respect to our competences and resources



Preparing economy and society – Building the robust foundations for the wide-spread adaptation and general development of the technology



Hungarian AI Strategy



Foundation pillars

III. Transformative programmes

II. Sector specific focus areas

I. Foundation pillars

AI value

Setting the data economy in motion

Hungarian Data Asset Agency
National Data Economy Knowledge Centre

Research, development and innovation

AILAB

Incentivising uptake

SMB Accelerator programs

Frameworks

Education, competence development and societal preparedness

AI Challenge

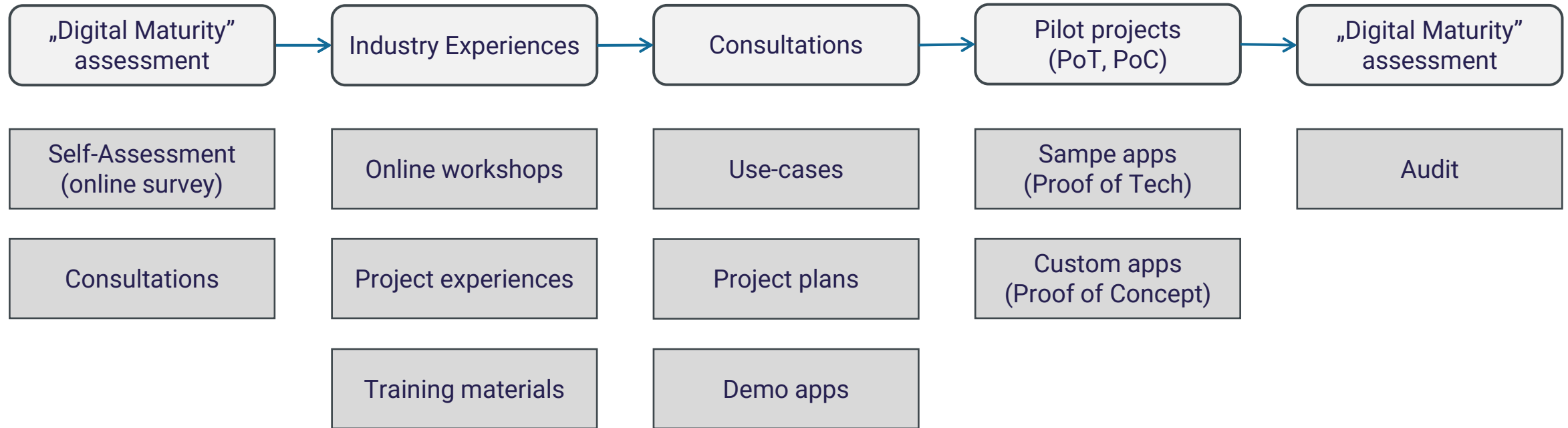
Infrastructure development

HPC

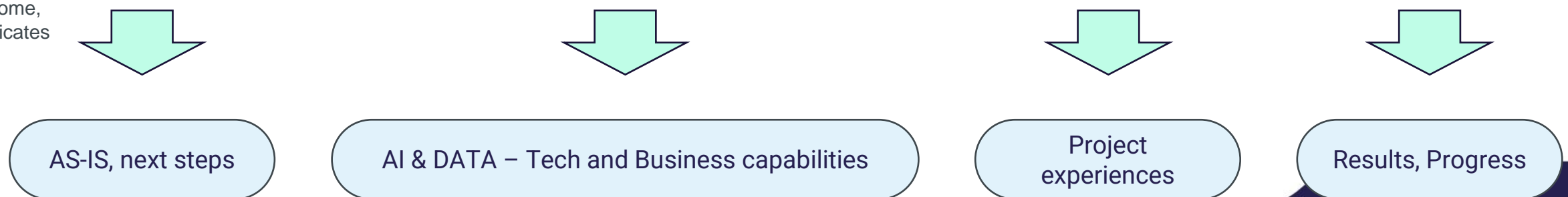
Regulatory and Ethical Framework

AI Rules and Ethics Knowledge Centre

Accelerator program – client journey, tasks and outcomes



Outcome,
certificates



Mi a mesterséges intelligencia?

Czym jest sztuczna inteligencja?

Čo je to umelá inteligencia?

Co je to umělá inteligence?

What is artificial intelligence?



digital success
programme

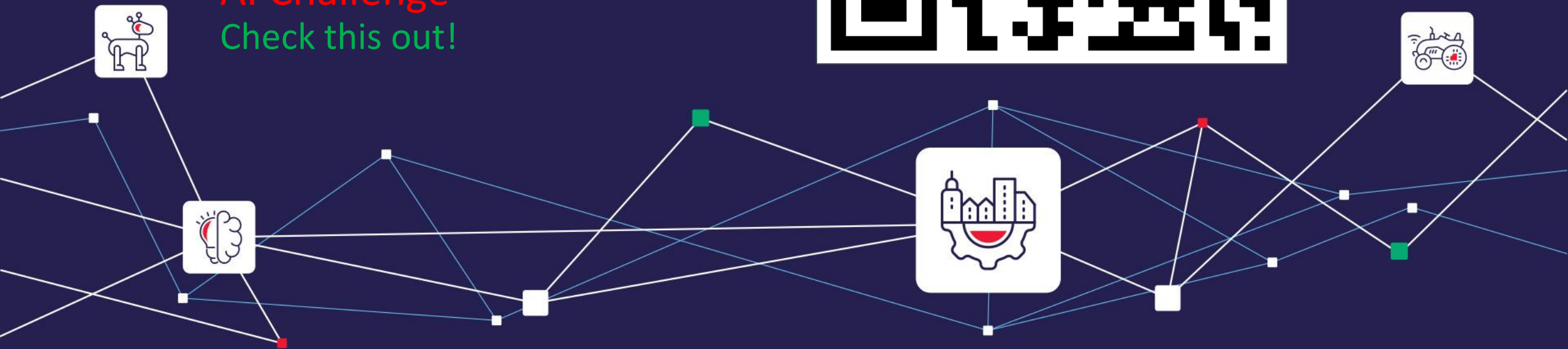


artificial
intelligence

Thank you!

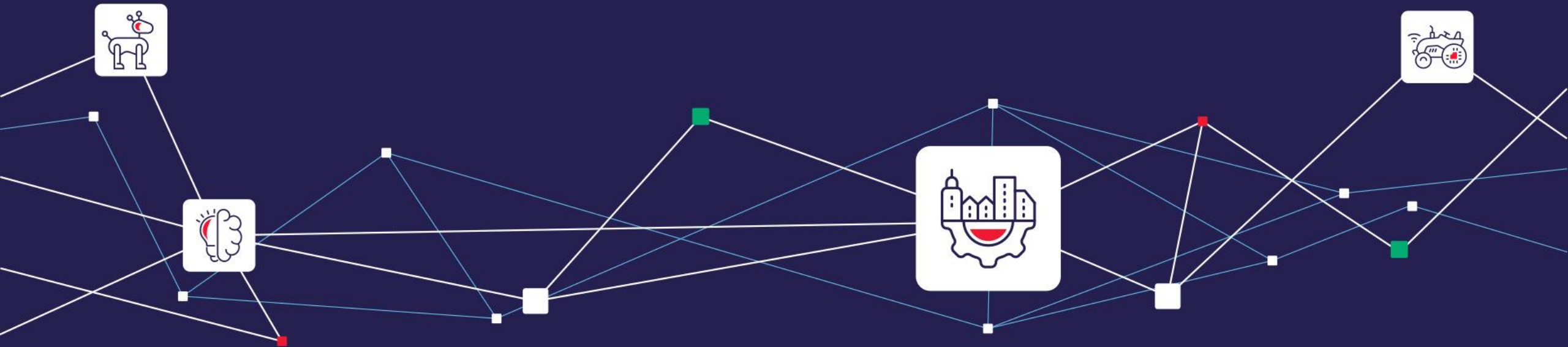


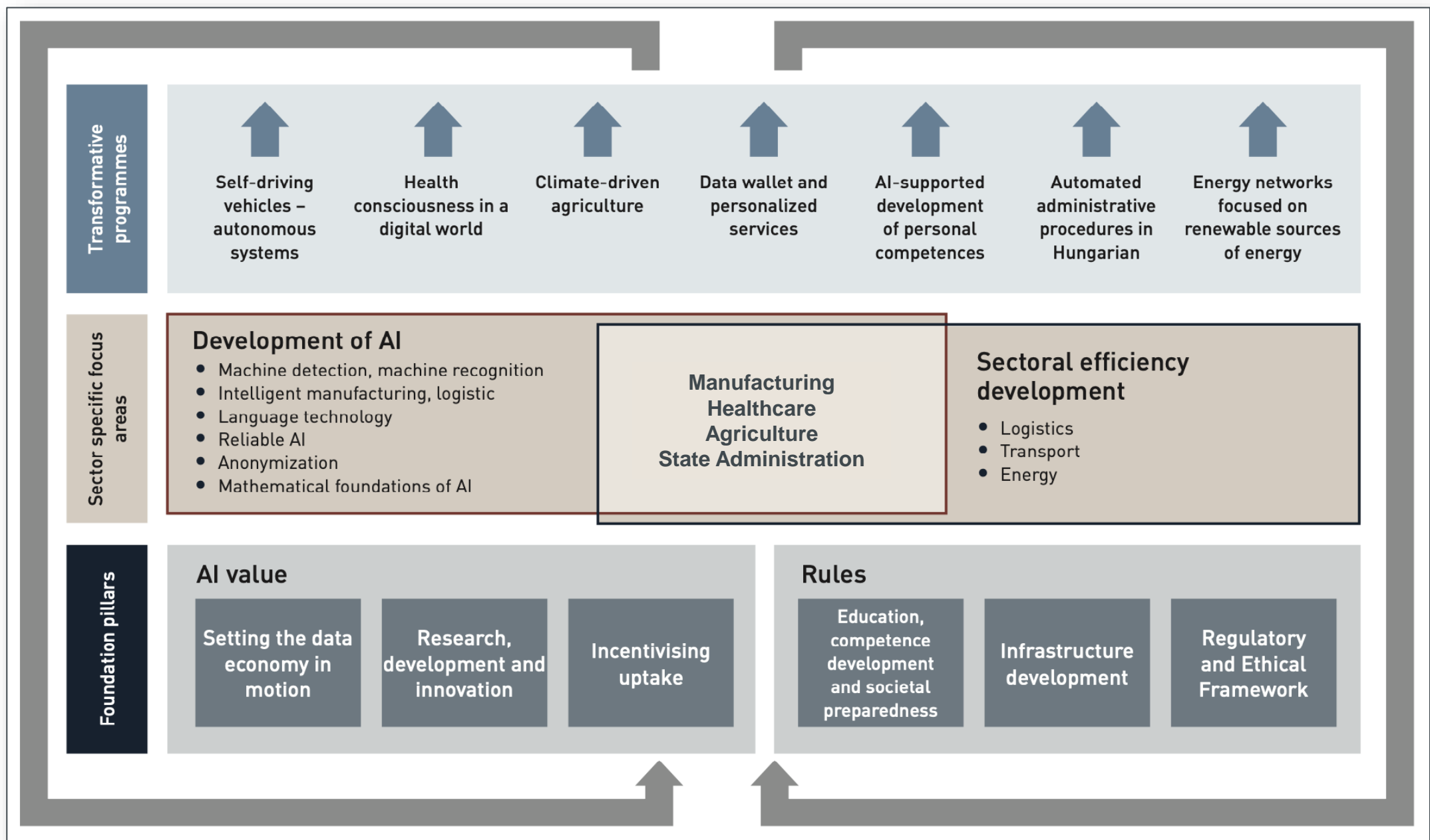
AI Challenge
Check this out!

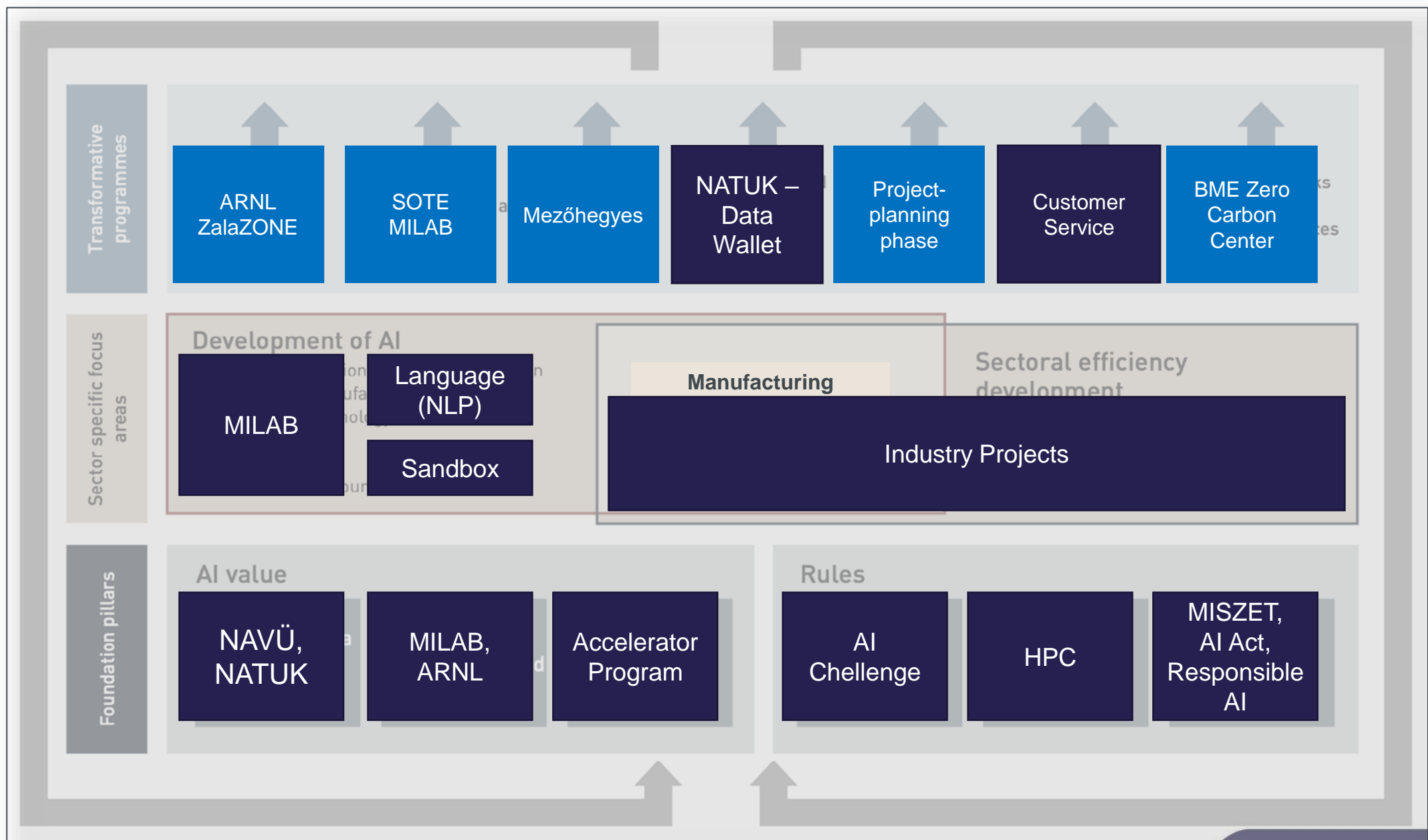


Hungarian AI Strategy Projects

LASZLO BOA – PROFESSIONAL LEAD







III. Transformative programmes

II. Sector specific focus areas

Development of AI

- Machine detection, machine recognition
- Intelligent Manufacturing, Logistics
- Language technology
- Reliable AI
- Anonymization
- Mathematical foundations of AI

Manufacturing
Healthcare
Agriculture
State Administration

Sectoral efficiency development

- Logistics
- Transport
- Energy

I. Foundation pillars

III. Transformative programmes



Self-driving
vehicles –
autonomous
systems



Health
consciousness in a
digital world



Climate-driven
agriculture



Data wallet and
personalized
services



AI-supported
development
of personal
competences



Automated
administrative
procedures in
Hungarian

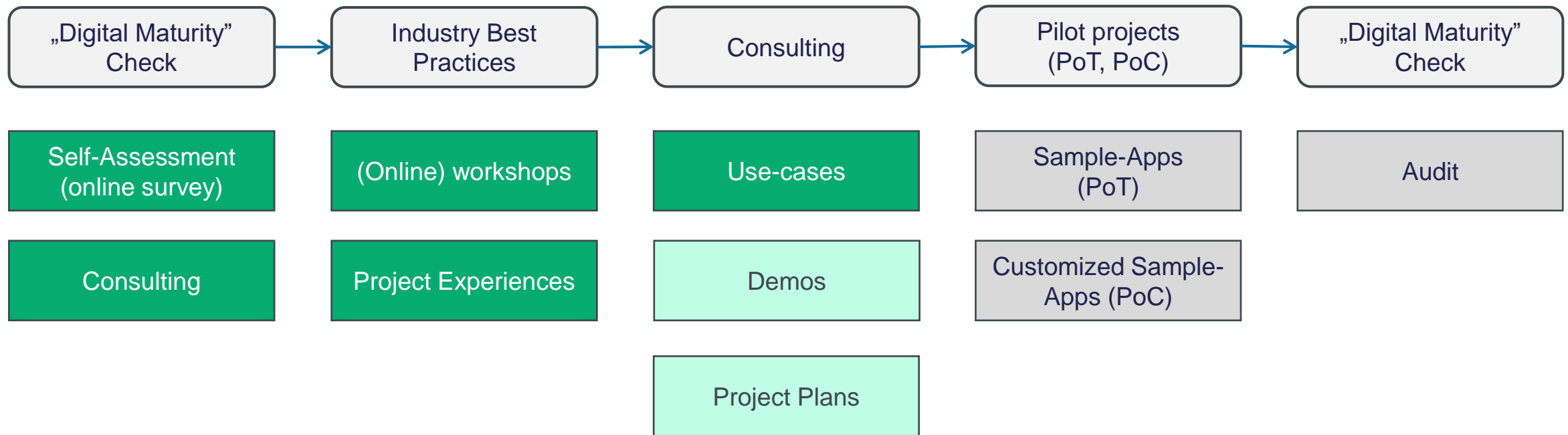


Energy networks
focused on
renewable sources
of energy

II. Sector specific focus areas

I. Foundation pillars

Accelerator Program



Hungarian AI Strategy Projects

Small and Medium Business: accelerator centres (industry and horizontal workshops)

- Agriculture, Manufacturing, Data, Vision

Customer relationship automation (reactive and proactive)

- MIK project team: financial sector in-depth interviews > Study > Lessons learned, next steps
- BM: renewal of personal documents (language technology) - with support from MIK members

Language Technology (NLP)

- "Survival in an undocumented tech-spartan environment" - GPT model completed (English) - HPC experience(!)
- Preparation of university competitions:
 - 1. learn about new technologies
 - 2. competition
- OTP-SambaNova language development support (MILAB, MIK members)

Regulation

- AI Regulations (Regulation with support of MCS - ITM, NPO)

Hungarian AI Strategy Projects

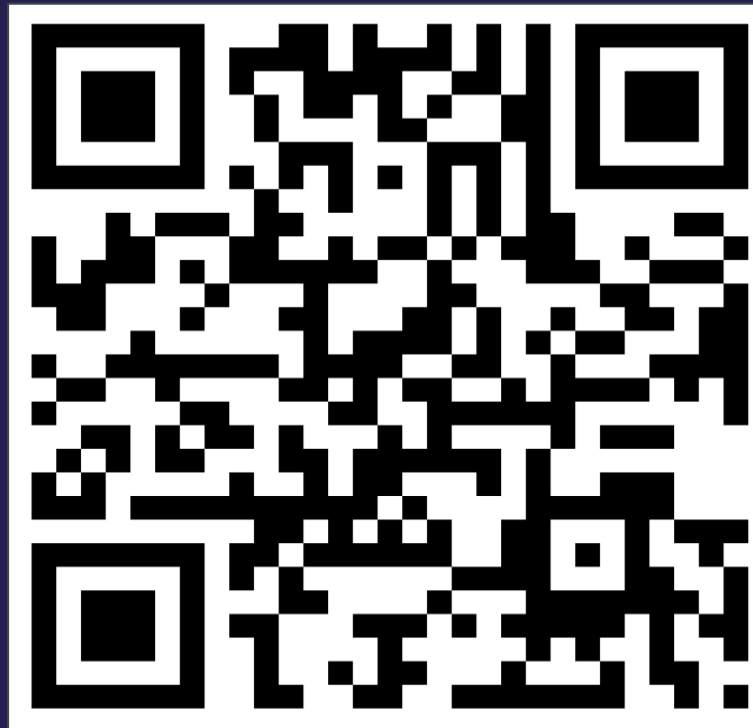
AI Technical Day and Exhibition (June)

- June 2022 (mid-late June, venue, date to be decided)
- University competitions, MIK project results, milestones at the event
- Invitation of international actors
- Tech community: prague.ai, Hamburg/ARIC, Canada

AI Strategy Review (2020-2022)

- Industry, Technology projects
- Education
- Regulation (EU AI Act)

Thank you!



AI Challenge
Check this out!

