Austrian Day of Parliamentary Research

Designing and implementing an ethical and operational framework for artificial intelligence in parliament

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HELLENIC PARLIAMENT

Structure

- Motivation
- State-of-play
- Regulatory framework (making of)
- Conditions & limits
- Next steps

Motivation

- AI-based tools & services gain momentum
- Emergence of ChatGPT & related LLM's
- Introduction in public sector institutions
- Broad call for regulation
- Determination of regulatory parameters
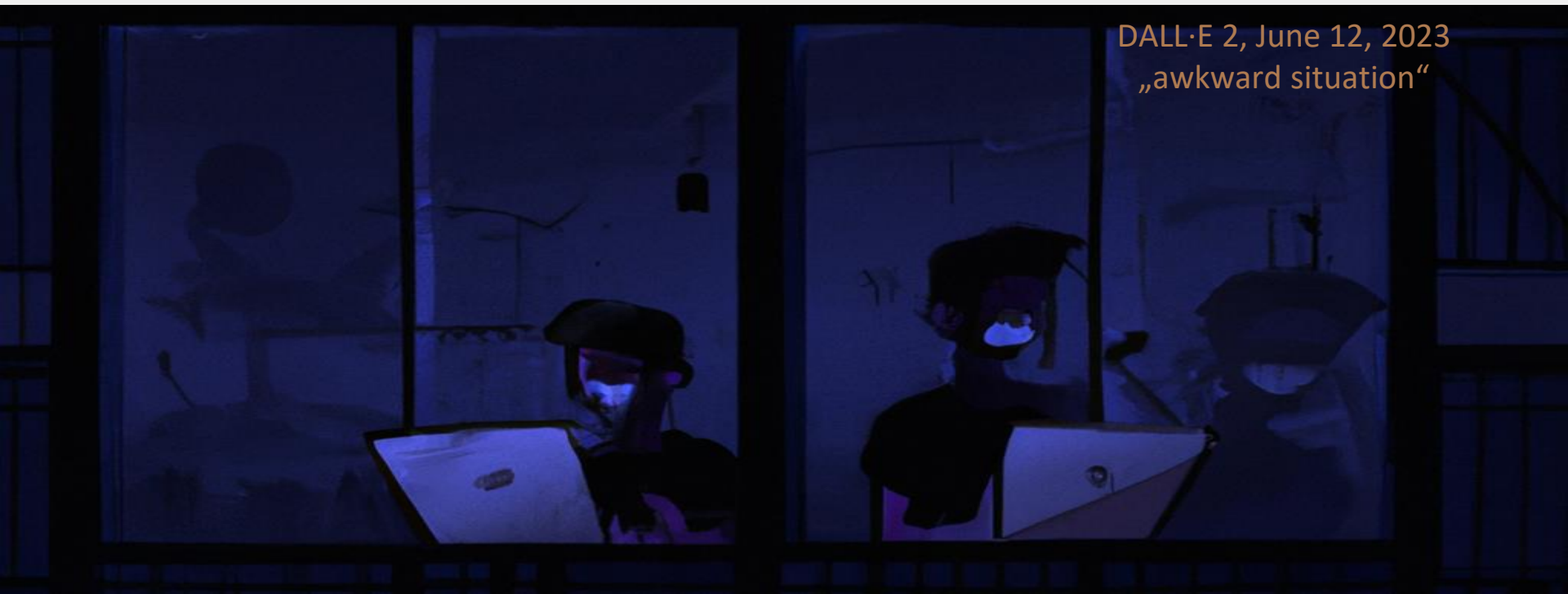- What about parliaments?

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„motivated person"

State-of-play
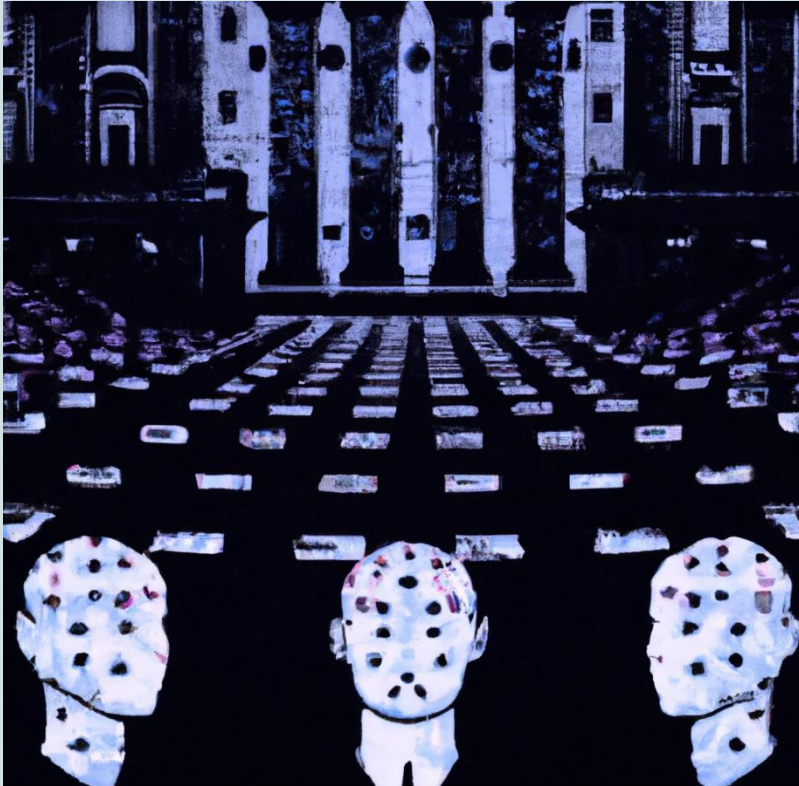
- Use of AI in the parliamentary workspace
- Where?*
  - 39 AI-based solutions
  - 10 legislative chambers in 8 countries
- Guideline development (V1.0, April 2023)

*As of late 2022; source: Fitsilis & de Almeida, forthcoming

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„awkward situation"
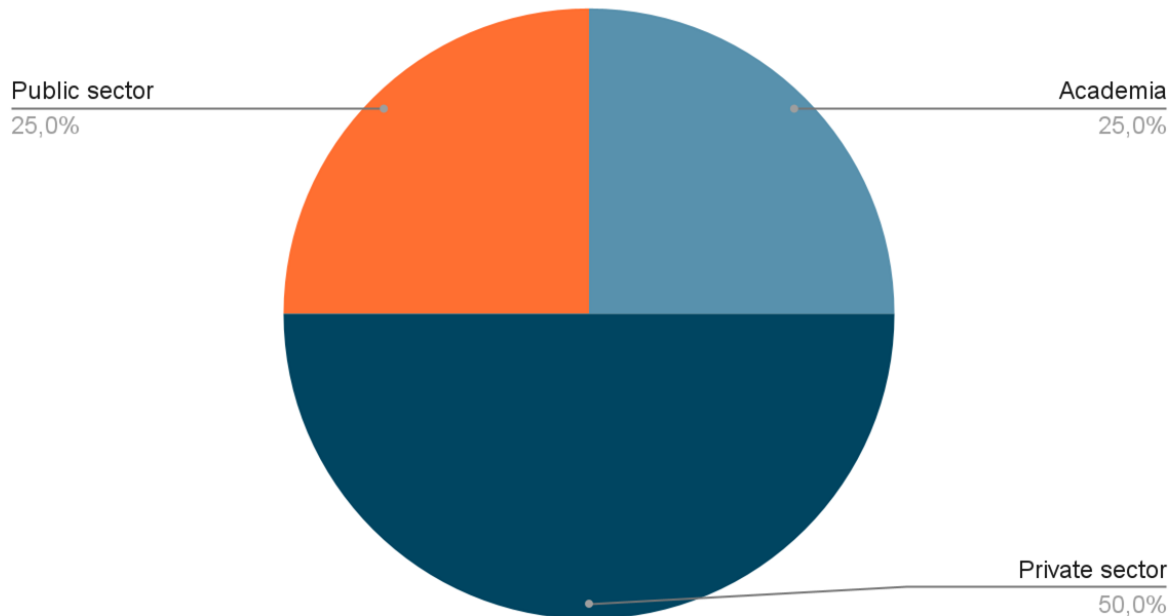
Ad hoc working group

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„Artificial Intelligence in parliaments"

1. Fotios Fitsilis, Hellenic Parliament (coordinator)
2. Jörn von Lucke, Zeppelin University
3. George Mikros, Hamad Bin Khalifa University
4. Jonathan Ruckert, NovaWorks
5. João Alberto de Oliveira Lima, Brazilian Federal Senate
6. Ari Hershowitz, Govable.ai
7. Bruce Philip Todd, expert on Justice and Home Affairs
8. Sotiris Leventis, Hypernetica

The guidelines

- Open access (EN): https://doi.org/10.6084/m9.figshare.22687414
- Also available in EL, DE, ES (forthcoming)
- Eight original working group members
- Inter-sectoral & multi-disciplinary
- Work in progress

Public sector
25,0%

Academia
25,0%

Private sector
50,0%

Geographical distribution

Regulatory framework

- Introduction & use of AI-based *ParlTech*

- Establish ethical & operational guidelines

- Ensure accountability, transparency, human autonomy & promote SDGs

- Uphold the rights enshrined in the Universal Declaration of Human Rights

- Guideline development in sections

Dissecting the guidelines

- Starting point:
  - Regulatory guidelines (scholars and practitioners)
  - Corporate AI principles (IBM, Google, Microsoft, …)
  - Organizational frameworks (EU, UNESCO, OECD, …)
- Six sections:
  - Ethical principles
  - Artificial General Intelligence
  - Privacy & Security
  - Governance & Oversight
  - System Design & Operation
  - Capacity Building & Education

Next steps

- Working towards version v.2.0
- Timeline (late 2023)
- Sectoral approach (preliminary; six distinct sub-groups)
- Further refinement/widening of sectors possible
- Coordination by the Hellenic OCR Team
- Center of weight in operational sectors
- Spark interest through presentation & networking
- Extend working group & community building
- Translation of the guidelines in further languages

Contact & disclaimer

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The information and views set out in this presentation are only those of the author and do not necessarily reflect the official opinion of the Hellenic Parliament

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"people linked to each other"