Role of Test and Experimental Facilities in National program for promoting the development and use of artificial intelligence in the Republic of Slovenia by 2025 (NpUI)

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Government Office for Digital Transformation

13.1.2022, CxC Festival 2022
NpUI – strategic concept and context

The Hype Cycle

- Peak of Inflated Expectations
- Slope of enlightenment
- Plateau of Productivity
- Through of Disillusionment

Innovators
Early adopters
Early majority
Late majority
Laggards

NpUI
RISS
Slovenia’s Development Strategy 2030
Industrial policy – SIA
S4 Smart Specialisation
Digital Slovenia
Training of experts
Lifelong learning and adult learning

Gartner Hype Cycle, [2] Rogers Everett, Innovation diffusion life cycle; Geoffrey A. Moore, Crossing the Chasm
Strategic objectives and measures

1. Setting up an dynamic ecosystem for research, innovation and deployment of AI
2. Education and strengthening of human resources
3. Support for AI research and innovation
4. Introduction of reference AI implementations into economy, public sector, public administration and society
5. Establishment of infrastructure for research, development and use of AI
6. Enhancing security by using AI
7. Increasing public confidence in the AI
8. Provide an appropriate legal and ethical framework
9. Strengthening international cooperation
10. Establishment of a National Observatory for AI

Annex 1: Some key AI stakeholders
Annex 2: Proposal for implementing instruments of key measures – for industrial and public sector
Annex 3: Proposal for implementing instruments of key measures – for public administration
### Deployment of AI

**Priority areas:**
- Language Technologies
- eHealth
- Industry 4.0
- Public administration
- Space planning
- Sustainable food & environment

### AI infrastructure

<table>
<thead>
<tr>
<th>E-skills and e-competences for AI</th>
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<tbody>
<tr>
<td>Ethics for the AI</td>
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<tr>
<td>Regulation of the AI</td>
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<td>Public confidence in the AI</td>
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### International cooperation

### Standardisation
NpUI – Areas of Action


- NpUI
- Areas of Action
- Peak of Inflated Expectations
- Plateau of Productivity
- Through of Disillusionment
- Slope of enlightenment

- Standardisation
- International cooperation
- Reference implementation projects
- RDI capacity
- AI infrastructure
- Ethics
- E-skills and e-competences
- Public confidence in the AI
- Regulation of the AI
NpUI – Stakeholder Ecosystem

Slovenian Digital Coalition (R&D, Industry, NGOs)

S4 SRIP (FoF, SmartC&C, ICT HN)

AI4SI Association

CITPE

SLAIS, SDJT, SDRV

Centre of Excellence

R&D, Inno SME, Industry + public sector

NGO, General public

EU, OECD, UNESCO, GPAI, Council of Europe

[1]: Gartner Hype Cycle, [2] Rogers Everett, Innovation diffusion life cycle; Geoffrey A. Moore, Crossing the Chasm
Thank you for your attention!

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