



D.T3.4.6 ARTIFICIAL INTELLIGENCE REPORT

INNOSKART Nonprofit Ltd. (PP3), HUNGARY

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The main purpose of the report is to present the use and feedback of AI programmes, which also has implications for the actions that policy makers are planning to take.

Our report can therefore be divided into two broad areas:

- I. to present the strategic objectives that can be achieved by stakeholders in the field of artificial intelligence in Hungary
- II. Innoskart's role in supporting the development and diffusion of the digital economy.

I. Hungary's Artificial Intelligence Strategy (2020-2030)

The 2 year old programme sets targets in 3 areas and details the actions needed to achieve them.

<i>Development area</i>	<i>Actions</i>
1. Founding pillars	<p>1.1 Launching the data economy 1.2 Research and development-innovation - "We develop together" 1.3 Promoting applications - "Widespread application" 1.4 Education, skills development and preparation of society - "Focus on human capabilities" 1.5 Infrastructure development - "Stable and accessible infrastructure" 1.6 Regulatory and ethical frameworks - "Reliable, framed use"</p>
2. Sectoral focuses	<p>2.1 Manufacturing and autonomous systems - "Smart, personalised, environmentally aware manufacturing" 2.2 Data-driven healthcare - "More accurate diagnostics, more effective treatment" 2.3 Integrated, digital agriculture - "Innovative, data-driven, AI-enabled agriculture" 2.4 Public administration - "Data-driven service state" 2.5 Energy - "Data-driven, personalised energy services" 2.6 Logistics - "Supply chain integrated through AI applications" 2.7 Transport - "Deployment of real-time, AI-enabled management"</p>
3. Transformative programmes	<p>3.1 Autonomous vehicles - autonomous systems 3.2 Health awareness in a digital world 3.3 Climate-smart agriculture 3.4 Data warehouse and personalised services 3.5 AI-supported personal competence development 3.6 Automated administration in Hungarian 3.7 Energy network focusing on renewable energies</p>

By their own admission, this strategy fits in with the programmes of the other sectors and they plan to seek cooperation in its implementation.

The programme will highlight development ideas that directly affect businesses and economic operators and support, among other things, the objectives of our action plan developed under the project.

The experience of the last two years shows how an unforeseen global event such as the COVID-19 epidemic can give a spectacular boost to the development of certain segments of the digital economy.



This means that some areas have developed more rapidly in the last two years, despite the fact that the measures to implement the strategy have not yet been taken or have only been partially taken. Examples include communication apps for employees working from home and the development of in-house data security solutions. But also the introduction of modern process management systems or the automation of certain manufacturing technologies.

In particular, we highlight the fact that a coalition has been formed in Hungary, which is part of the network of digital innovation hubs at European level. In Hungary, our company was elected as one of the members of DIH last year.

II. Innoskart's role in supporting the development and diffusion of the digital economy.

As you may know, Innoskart Non-profit Ltd. is the working organisation of the Innoskart Digital Cluster and as such, it has a wide range of tasks:

- It brings together and supports the cluster members in their development efforts,
- Provide certain services to cluster members and other businesses in the cluster, which, among other things, promote the digital economy,
- Liaises with national and international business partners and research institutions to participate in new innovative initiatives.

In the latter context, as DIH we are involved in two projects aimed at supporting the digitalisation of food manufacturing technology through the development and implementation of a concrete process.

With this diversified and innovative activity, we are part of the development in our country, which is introducing digitalisation solutions into the production and service portfolios of more and more companies.

By the way the core of the 60 stakeholders of the innoskart digital cluster are 25 IT and ICT companies, mostly SMEs, providing digital innovation services and proprietary systems. The other stakeholders represent different sectors, including agriculture, industrial manufacturing, engineering, consulting, etc. We also have 3 university partners who provide living lab services. The implementation of digital service provider solutions in the agri-food industry, technology transfer is supported by Innoskart as DIH inside and outside the organisation.