



**national  
data economy**  
knowledge centre

## Introduction of the National Data Economy Knowledge Centre and the Data Wallet project

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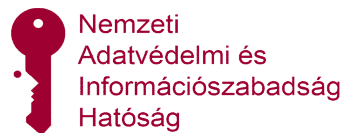
Professional Diplomat



# Executive bodies of the Data policy (as of the 15<sup>th</sup> of September 2021)



Implementation of Act CXII of 2011 on the right to self-determination as regards information and freedom of information



Data Security

Implementation of Act XCI of 2021 on the national data assets



Effective and responsible use of the national public data assets

Implementation of the AI Strategy of Hungary declared by the Governmental Resolution Nr. 1573/2020. (IX. 9.)



Supporting the data awareness of private stakeholders

# Possible outcomes in response to digital governance and public administration

1. Data driven and data based institutional- and sectorial governance (coherent and effective)
2. Client (individual, corporate, community) oriented and personalized public services
3. Increased number of the most effective as well as available data based digital solutions in the public administration, thus supporting the national economy and societal processes in an efficient way
4. Effective – thus economically cheaper – task implementation (number of officials, cost, time)
5. Healthy balance of data protection and data economy, mutual trust based relation (NAIH-NAVÜ), Trustworthy and effective experience from the clients
6. Entrepreneur friendly environment for a data driven and data intense economy (NATUK)
7. Ever ongoing development of digital capabilities in order to ensure a sovereign state



## Controversial point of view between the EU institutions and the Hungarian Government

Dominance of  
the EU authority  
over the national  
competences

Legal review in  
regard to the  
regulatory  
actions taken by  
the EU  
institutions

Contradistinction  
between Open  
Data and the  
right of  
renumeration for  
data

Direct data  
contact between  
the EU  
institutions, the  
Member States'  
companies and  
citizens

Establishment of  
an open,  
democratic and  
sustainable  
society

## Codifications in regard to digitalization on the European Union level

### Data Governance Act

25<sup>th</sup> of November 2020

### Artificial Intelligence Act

21<sup>st</sup> of April 2021

### Digital Services Act Digital Markets Act

15<sup>th</sup> of December 2020

### Data Act

23<sup>rd</sup> of February 2022

- **AI Strategy of Hungary** industry focused project: healthcare, education and employment, financial (banking) sector, transport and logistics, agricultural and food industry, utilization of research data assets, energy, public administration, Analysis and monitoring of Lake Balaton (Limnology analysis - Lóczy Lajos programme), resilience development for SMEs
- **Hungary's Digital Network Research Strategy** (Article 15 of Governmental Resolution Nr. 1456/2017. (VII. 19.) )
- **Regulatory work for the private sector** – Independent Codex fitting to the provisions of the Hungarian Civil Code
- **Preparation of state data assets balance sheet** also data utilization and data connectivity interest system – Ministry for Finance cooperation
- **Personal and Corporate Data wallet (National AI Strategy)**
- **Public understanding of Data assets**, evaluation, data assets balance sheet
- Observatory activity in regard to data asset in the fields of law, public administration and IT  
EU and international representation of rights (OECD, NATO, EU, IPO, UN, UN institutions)
- **Constant product development and management for public administrative entities** (including the connected registry)
- Strategic cooperation with other public institutions: SZTNH, KSH, NAIH, NAVÜ, NÉBIH
- Think tanks and cooperation with universities: DE, ME, SZE, ÁOTE, MATE, TE, ELTE, BME (3 think tanks)
- **SME-Hungarian Chamber of Commerce, data asset private economy:** product development



The data wallet is a stand-alone application linked to the **identification** of a **natural** or **legal person**, which allows its user to share the data stored about them by the state and its quality-assured market participants, to make a credible contribution and to provide financial transactions and/or services and/or approve data transaction.

## Priority Industry:

- Healthcare – PTE
- Food industry – ÁOTE
- Agriculture (precision farming) – MATE
- Smart City – SzE
- Digital Sports Mentor – TF

## Institution centric data wallet:

- BalatonMonitoring (Lóczy Lajos Programme)
- Certificate and personal ID data wallet (connected registry)





**National AI Strategy of Hungary declared in the  
Governmental Resolution Nr. 1573/2020. (IX. 9.)**

## **Transformative Project - Data Wallet and personalized services**

1. Regulatory and Public administrative acts
2. Market and public utilizations - industries
3. Technological development and deployment





## Use-Case centric approach

- Use-cases based upon real-life scenarios
- Business driven
- Implemented in a realistic business model
- Industry certified

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- **Currently in development**  
5 use-cases with at least 3 datasets each use-case
  - **Connecting more relevant datasets**
  - **Implementation into existing industry processes**
  - **Identification of relevant industry stakeholders**
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- One of the options for the technology used for the wallet is to use a **blockchain**
- The Ministry for Technology and Innovation only supports the submission of regulations in the case of specific administrative cases and use-cases
- **Data wallet concept** presentation for the Blockchain working group
- Connection to the EU European Blockchain Service Infrastructure – Self Sovereign Identity
- eIDAS new trust based service - **European digital personal ID wallet**
- There is There is a need to designate a responsible body and to make basic arrangements for credibility to produce legal effect





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