منتدى الدوحة للبيانات

من أجـــل الابتكـــار في التنميـــة المستدامـــة

23-22 أكتوبر 2024

DOHA DATA FORUM

FOR INNOVATION IN SUSTAINABLE DEVELOPMENT

October 22-23, 2024

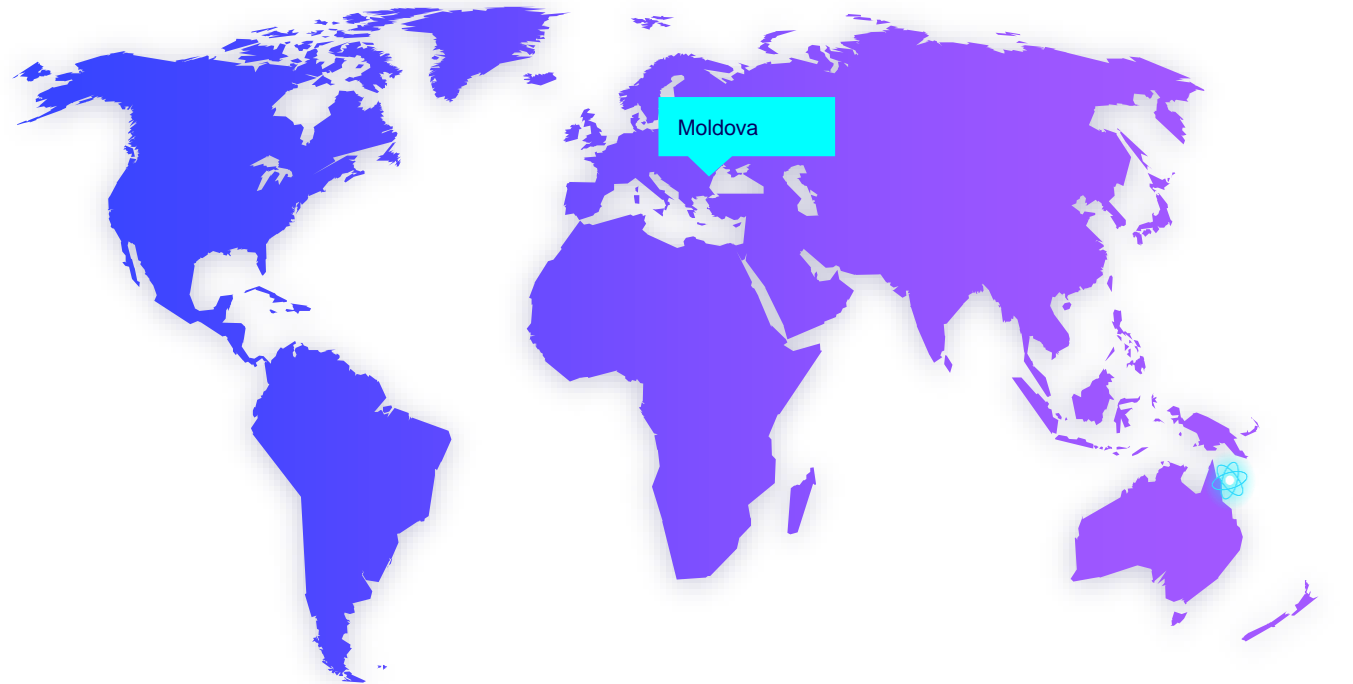# Moldova's Path to Digital Transformation and AI: Strategic vision and Regulatory Developments

Artiom Cociu

Head of office for coordination of the implementation of government priorities, Prime Minister Office

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ثـروة وطـن
FAMILY IS THE TREASURE OF A NATION
السنة الدولية للأسـرة • قطـر 2024
International Year of the Family • Qatar 2024

الأسرة

المجلـس الوطنـي للتخطيـط
National Planning Council
State of Qatar • دولــة قطــر

Global standing

Moldova

Moldova population 2,4 Millions

In 2022, Moldova received the candidate status for EU membership

Global Data Barometer - Moldova ranks **47th** in the data governance module, out of the 109 countries evaluated.

Open Data Inventory - Moldova ranks **17th** in the with an overall score of 76

Government AI Readiness Index - Moldova ranks **90th** out of the 193 countries evaluated
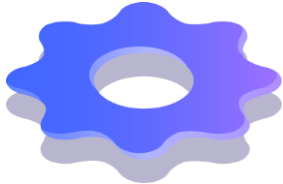
Data Governance ecosystem

Public Services Agency

National Bureau of Statistics

National Cybersecurity Agency

Ministry of Economic Development and Digitalization

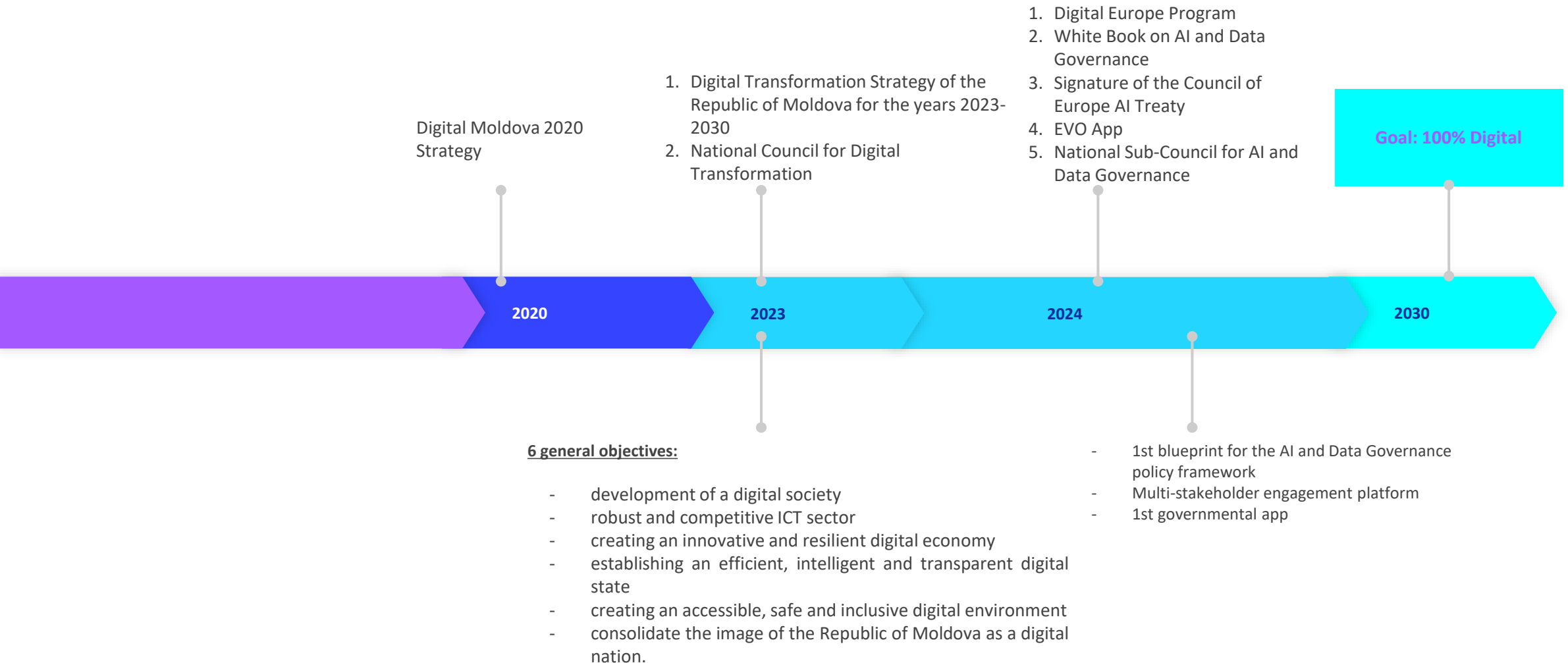(including the Sub-council on AI & Data Governance)

National Council on Digital Transformation

E-Governance Agency

Center for Information Technology and Cybersecurity

Main reforms

Digital Moldova 2020 Strategy

1. Digital Transformation Strategy of the Republic of Moldova for the years 2023-2030
2. National Council for Digital Transformation

1. Digital Europe Program
2. White Book on AI and Data Governance
3. Signature of the Council of Europe AI Treaty
4. EVO App
5. National Sub-Council for AI and Data Governance

Goal: 100% Digital

2020   **2023**   **2024**   **2030**

6 general objectives:

- development of a digital society
- robust and competitive ICT sector
- creating an innovative and resilient digital economy
- establishing an efficient, intelligent and transparent digital state
- creating an accessible, safe and inclusive digital environment
- consolidate the image of the Republic of Moldova as a digital nation.

- 1st blueprint for the AI and Data Governance policy framework
- Multi-stakeholder engagement platform
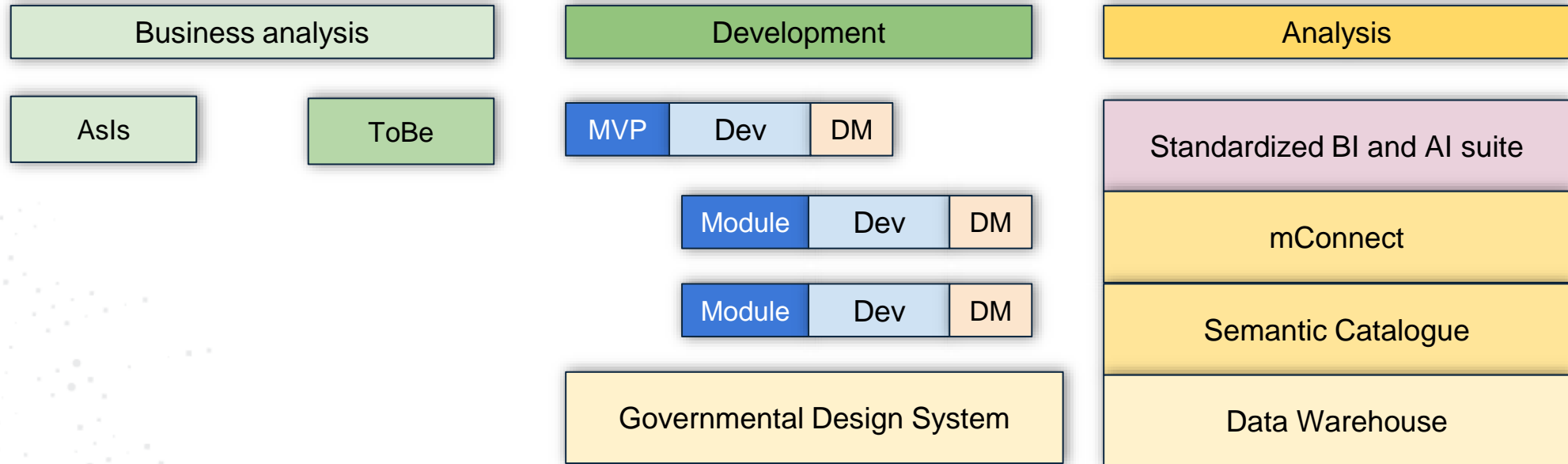- 1st governmental app

AI White Book

An ecosystem of data governance and artificial intelligence for sustainable and durable growth, centered on human needs.

1. Consolidation of the system of education, research-development and training of skills specific to AI and data governance;

2. Developing a resilient infrastructure and usable and reusable data sets (integrated data ecosystem);

3. Supporting measures to encourage the adoption of AI in society;

4. Establishing a governance system and an adequate AI and data regulatory environment.

Current state public service digitalization

Concept and procurement (0.5 - 1.5 y.)			Development (1.5 - 3 y.)				
Concept	Terms of reference	Procurement	Business analysis 20%	Design 10%	Business logic 30%	Reports 20%	Data migration 20%

Future state of public service digitalization

Proof of concept

Improvement of legislative Process in Republic of Moldova

Prototype: 1 week
Process reengineering: 2 weeks
MVP: 6 weeks

Adoption: 1200+ users 70+ gov entities
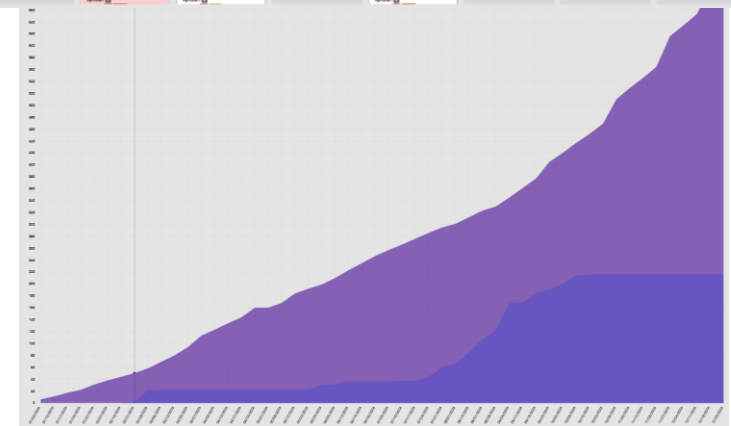**Legal act due date delivery:** 77% (+43%)

Full transparency of a process
Workload planning and balancing
Early warnings
Future reform predictions
Deep performance analytics
Identified Champions

Next steps

- Creation of optimised infrastructure for data analytics

- Optimization of semantic catalogue

- Creation of data warehouse

- Creation of analytics and AI centers of excellence in Government

Join us in this endeavour…

Thank you