

AI in Lithuania: Productivity, Potential, and Projects

Benediktas Girdvainis

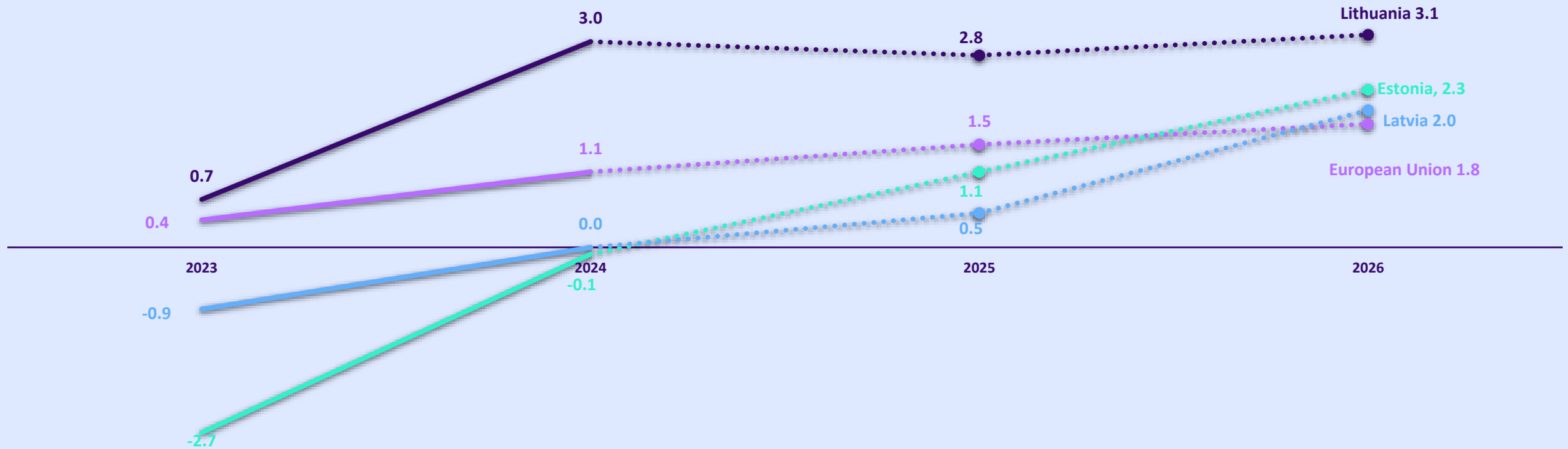
Adviser

Innovation Policy Group

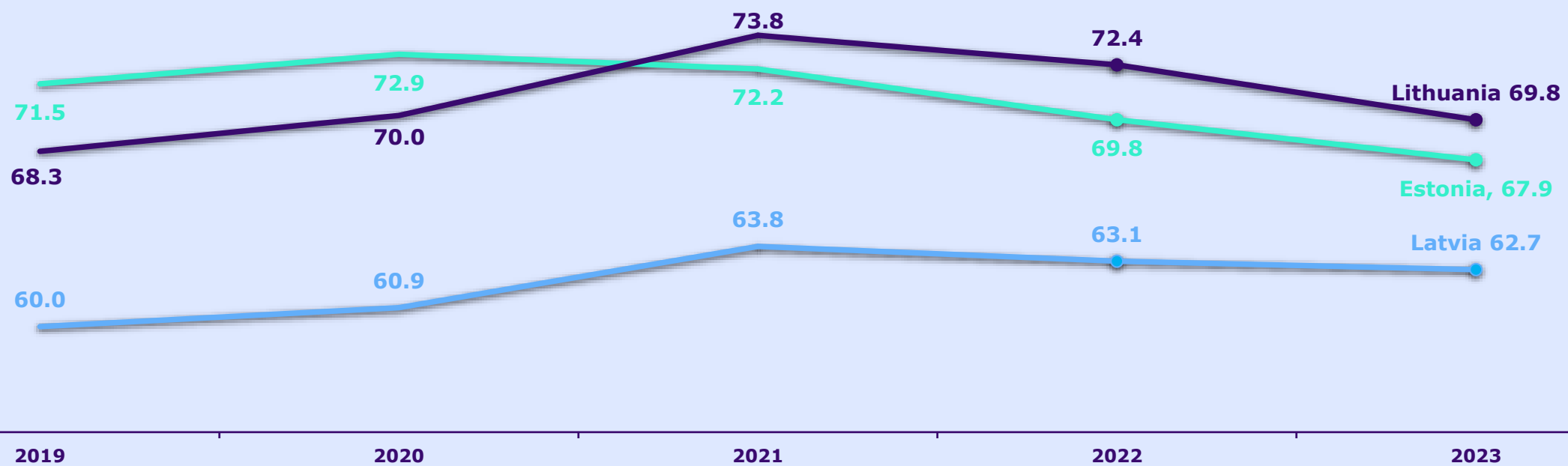
Ministry of Economy and Innovation of the
Republic of Lithuania

Real GDP growth rate and forecasts

Eurostat, European Commission forecast



Labour productivity per hour worked (EU27=100)





INNOVATION

foundation for a high-value-added economy



INVESTMENTS

at least 30% directed to the regions



INSTITUTIONS

partner, not an obstacle

**AI can determine
productivity growth in
the coming decade.**



**+1.1Eur/hr
+4.6% points**

Lithuania enters the AI decade with strong digital fundamentals

7th in EU Open Data
Maturity 2024

16th in the Global Startup
Ecosystem Index 2024

33rd in the Global
Government AI Readiness
Index 2024

6th in EU eGovernment
Benchmark 2024

35th in the Global
Innovation Index

5,4% of GDP generated
by the ICT sector

The potential of AI in the Lithuanian economy is immense

21,3%

Lithuanian enterprises adopted AI (2025)

20%

EU MS businesses have adopted AI (2025)

75%

aim of enterprises in EU using AI, cloud or big data by 2030

72%

innovative Lithuanian enterprises using AI (2024)

If Lithuania scales local innovative business ecosystem to the level of the OECD leaders it would result in:

- **23 000 high-value-added jobs**
- **1.4B to the national GDP**

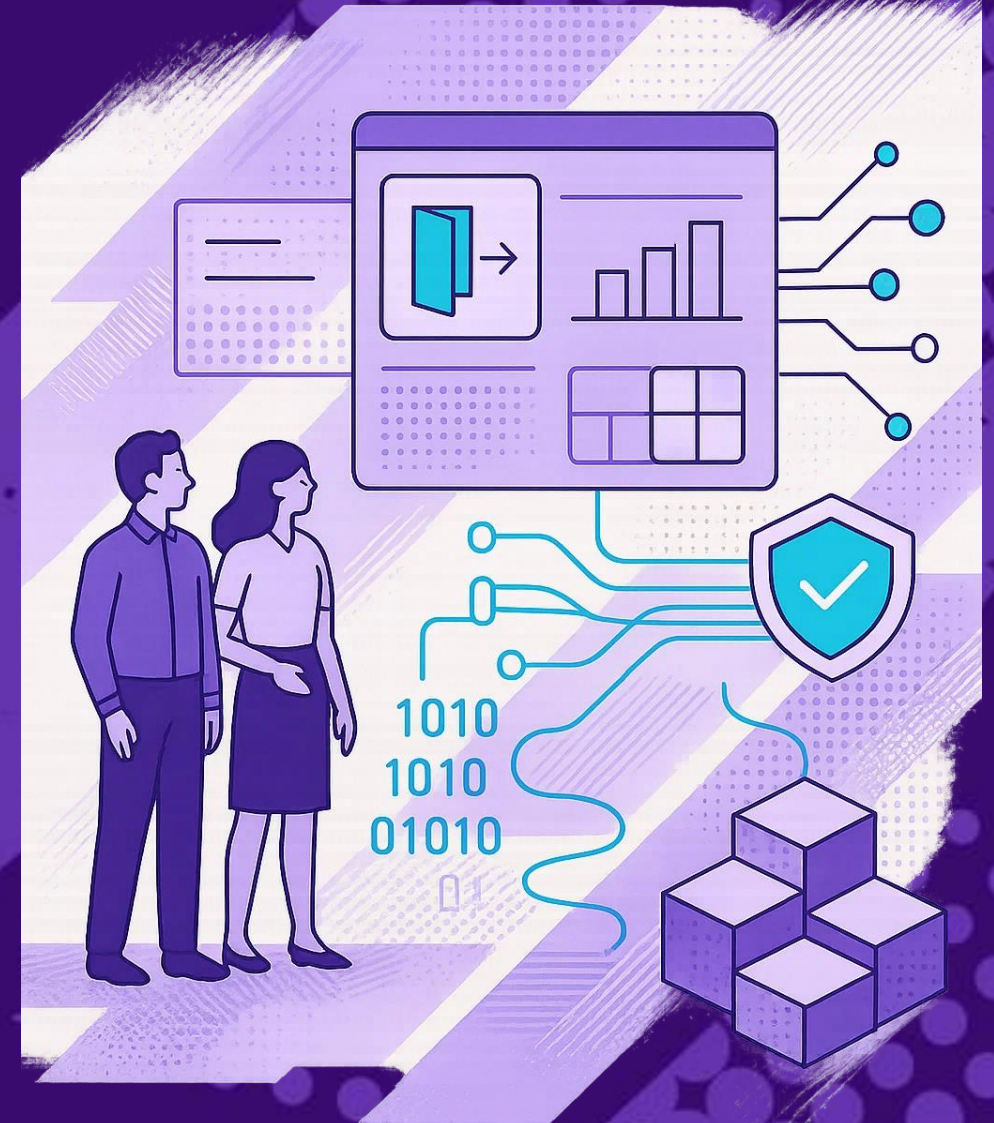


Scaled Infrastructure

- **€130M AI Factory LitAI** co-funded by EU.
- **€3-5B Regional Gigafactory bid**

Strong Data Foundation

- National Data Opening Model
- Data Governance Reform



Strategic AI

- **Smart Specialization**
- **AI Strategy 2026-2035**
- **Financial support mechanisms**

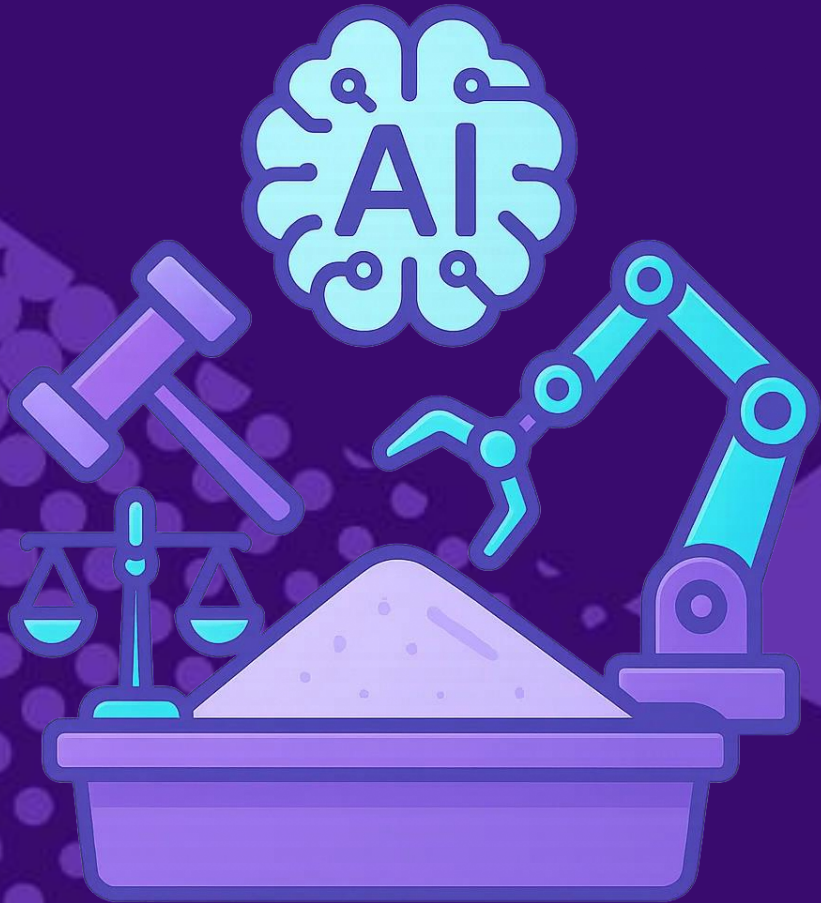


Talents & Experts

- **GovTech Lab**
- **AI Factory LitAI**
- **GovAI Centre**
- **AI Training Platform**
- **University programmes**



Regulation



- **Implementing the AI Act**
- **Regulatory AI Sandbox:**
 - Public information on the AI Act
 - Consultations
 - HPC hours
 - Real-world condition testing
- **GovAI Centre for public institutions**

**Lithuania aims to
create the most
favorable environment
for AI development
and adoption**

EIMIN

**Let's work together and
shape the new AI era**