



REPUBLIC OF ESTONIA
MINISTRY OF FINANCE

Digital identity, once-only-principle and reducing administrative burden

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Estonia

Population: 1.3 million

Area: 45,339 km²

Currency: Euro

Member of: EU, NATO, WTO, OECD,
DIGITAL 9

ICT sector: 7% of GDP, 4% of workforce





Development of e-Estonia

It has taken us 20 years since changing legislation and creating our first e-solutions (*some examples*):

2000 – online e-Tax Board

2001 – X-road (secure data exchange layer)

2002 – electronic ID card and digital signature

2005 – i-voting

2008 – e-Health system

2010 – e-Prescriptions

2018 – cross-border e-Prescriptions (*with Finland*)



Principles of e-government

- 1) Once-only** - Data is collected only once by one specific institution, no duplicate data and bureaucracy (no filing the same data for different public institutions several times)
- 2) Digital by default** – All public services should be available also in digital format
- 3) Open internet** - infrastructure works as an open source, there is no central database



Cornerstones of e-government

- **Legislative basis**
- **X-road** – highly secure **interoperability** framework that connects all main public sector registries and databases
- **Electronic ID** - enables citizens to use convenient, safe and fast e-services. It is used mainly to identify oneself electronically and give digital signatures



Ease of doing business

The cornerstones of Estonian economic growth are entrepreneurship and exports.

The state has **pared bureaucracy down to a bare minimum:**

- 1) a few hours to start a company**
- 2) hassle-free e-taxation**
- 3) full automatisation in tax reporting by 2020**



Reducing bureaucracy by e-government

- 1) **Saving 1407 years of working time annually**
- 2) **Over 500 million digital signatures given**
- 3) **Over 900 million transactions per year**
- 4) **X-road connects 651 institutions and enterprises, including 504 public sector**
- 5) **99% of state services available also digitally 24/7**
- 6) **2% GDP savings through digital signature**



Future developments

- zero-bureaucracy
- invisible services
- cross border digital governance
- real time economy

Memorandum of understanding between Greece and Estonia to cooperate on e-governance and ICT to minimise bureaucracy and combat corruption since 2011 – **Let's continue our cooperation!**



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Thank you!

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