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

Janek Mäggi

Minister of Public Administration

20.03.2019, Athens

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** though 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!**

Thank you!

Janel Mäggi
janek.maggi@fin.ee