Road map to implement X-Road in other country

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- 246 databases
- 975 organisations
- 1789 services available
- Over 50 million queries made every month

First ID card issued (Jan 28, 2002)

X-Road implemented (Dec., 2001)

Million queries per year reached (2003)

Million queries per month reached (2005)

First binding cross border service (2009)

2001

2002

2004

2006

1 000 000th card issued (Oct., 2006)

Digi-ID launched (Oct., 2010)

MobileID (May, 2007)

Digital Signature Act (March, 2000)

2009

2010

2014

e-residency Digi-ID launched (Nov., 2014)

Finland and Estonia set up a joint institute to develop X-Road technology (March, 2017)

X-Road statistic in live

1 280 387 ID-card users today

67% use it frequently electronically
Countries that use the X-Road

- Kyrgyzstan EGA (9 months)
- Azerbaijan Aktors/Cyber (2 years)
- Palestine EGA (6 months)
- Tunisia EGA (8 months)
- Namibia EGA
- Ukraine EGA
- Finland RIA (2 years)
- Argentina Roksnet
Activities for implementing the X-Road

**Establishing Governing Authority**
- Decide organizational and financing model
- Management and coordination of the team set up
- Technical team set up (hiring and training)
- Development of infrastructure
- Development of working procedures
- Joining the International X-Road community

**Coordination of the State Information System**
- Description of the Information Systems and relevant data
- Creation of the catalogue for management of information systems
- Establishing semantic interoperability assets
- Establishing working procedures for coordination of information systems’ development

**Creation of the regulatory framework**
- Development of interoperability framework
- Development of reference architecture
- Drafting of legislation
- Introducing developed regulatory requirements

**Creation of the X-road capability for service providers and users**
- Technical team training
- Development of infrastructure
- Development of services
- Joining the X-Road community

**Development of portals**
- Development mini information system portal (MISP)
- Development of Citizen portal

**Assuring of the third party services**
- Assuring certification service
- Assuring time-stamping service
- Assure certification validation services online
Thank You!
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