Estonian ICT
Reducing administrative burden

Anna Piperal
ESTONIA
Population: 1.3 Million
Size: 45 227 km²
Capital: Tallinn
Language: Estonian
Member of EU
Currency: Euro
GDP: 17 BEUR
Information society indicators
Information society indicators
100% of schools and government organizations are ICT equipped
Information society indicators

97% of businesses use computers
Information society indicators

76% of families have a computer at home
Information society indicators
Entire country is covered with a broadband connection
Information society indicators

Four 3G and 4G networks
Information society indicators

75% of homes have broadband connection
Information society indicators

1007 public WiFi areas
Information
society
indicators

Internet access is a social right
Information society indicators

99.8% of bank transfers are performed electronically
Information society indicators

95% of income tax declarations made via the e-Tax Board
Information society indicators

25% of votes were cast over the internet on 2013
Information society indicators
66% of the population participated in the census via internet
e-Identity
ID-Card

2002 - introduction of national electronic ID-Card

More than 93% of the population has one

Compulsory for all residents
ID-Card
Contains:
Information shown on the card
ID-Card
Contains:
Certificate for authentication
(along with e-mail address Forename.Surname@eesti.ee)
ID-Card
Contains:
Certificate for digital signature
Mobile-ID

Introduced in 2007
Enables secure authentication and digital signatures via mobile phone
e-Services

Digital Signature

e-Pension Account

Land Register

e-Banking

Business Register

State Portal

Tax and Customs

ID-Ticket

e-Health

Board

Customer Self Service Portals

e-Police

e-School

i-Voting
Estonian Information System

X-Road was launched in 2001
Some achievements

2000: Launch of e-Tax Board
2000: Launch of m-Parking
Some achievements

2003: Launch of ID bus ticket
2005: i-Voting was introduced
Some achievements

2007: Launch of e-Police system

2008: Launch of e-Health system
Some achievements

2010: Launch of e-Prescription
2011: Smart Grid introduced
2013: X-road Europe
How we got there?
1996: Tiger Leap Foundation to support ICT in schools
2001: Look@world starts to build 500 Public Internet Access Points

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2002, 2009 & 2010: Computer usage courses for 10% of adult population under Look@world project.
What’s next?
e-Receipt
Official e-mail = physical address
Virtual Resident (e-Estonian)
Cross Border e-Services
Using ID-Card as a loyalty card
EstWin: 2017: 100 Mbps Internet to every home