



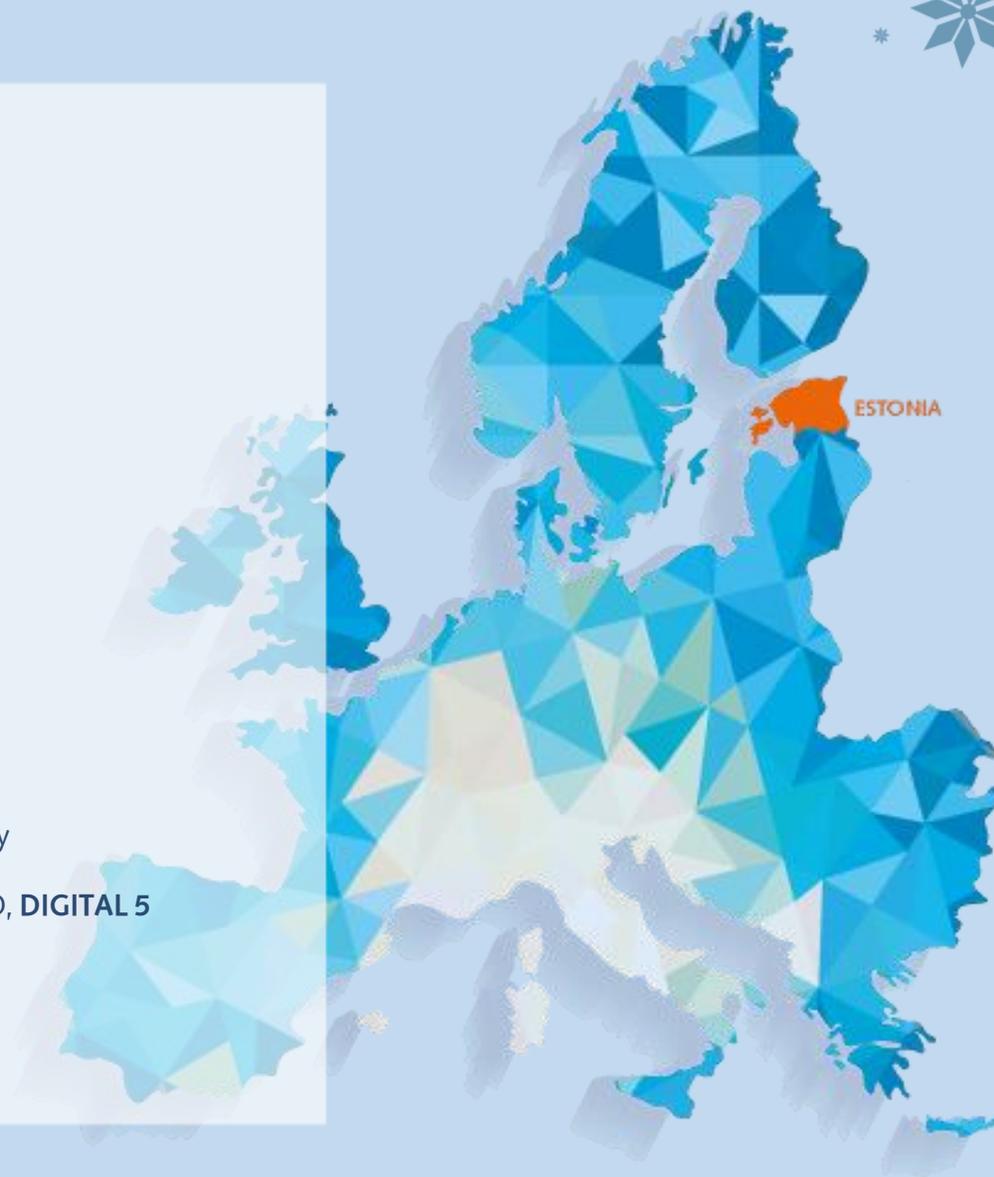
e-Estonia

The Epic Story of the e-State



ESTONIA IN FACTS

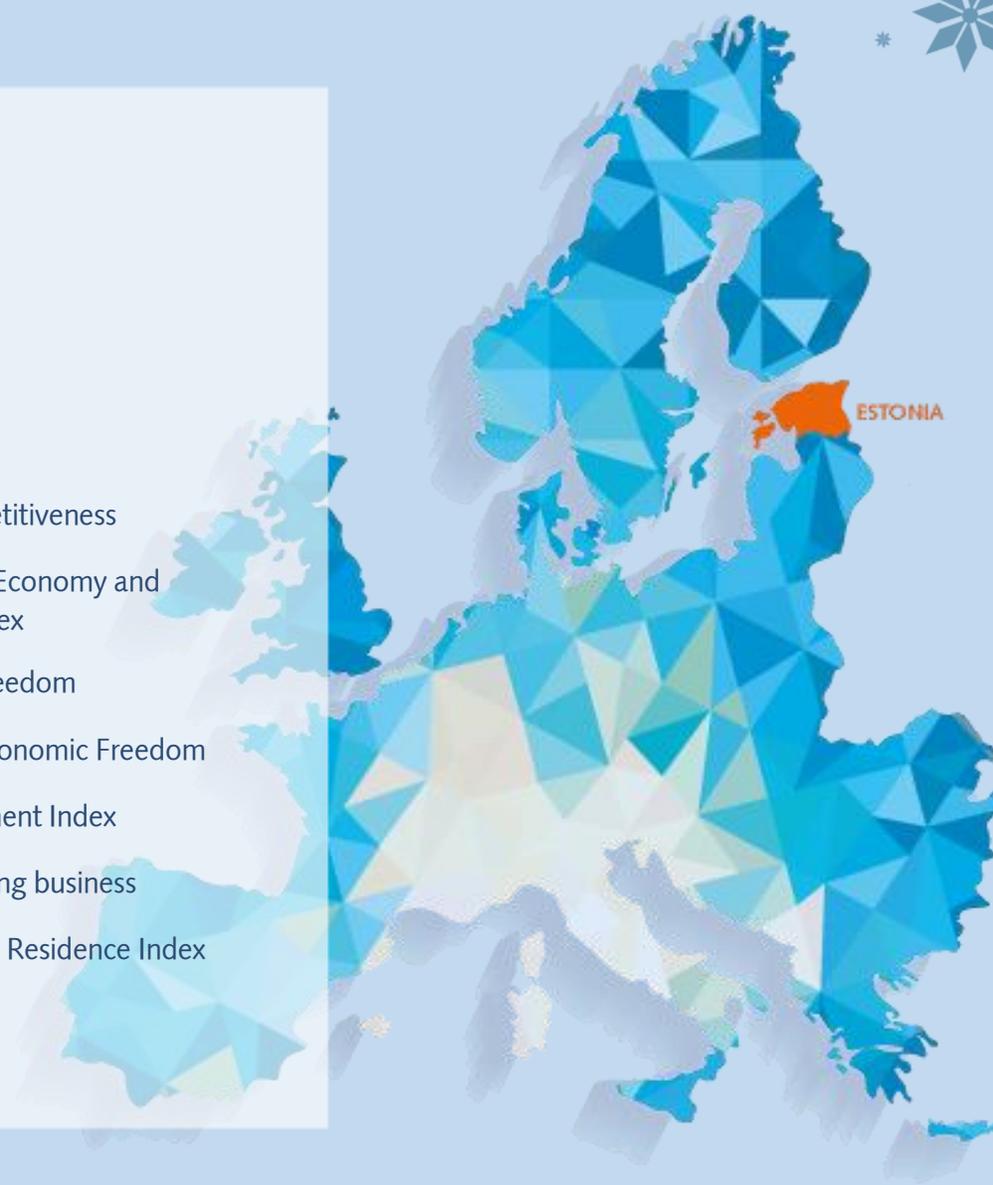
POPULATION	1.3 million
LANGUAGE	Estonian
SIZE	45 339 sq. km
CAPITAL CITY	Tallinn
CURRENCY	Euro
GOVERNMENT	Parliamentary democracy
MEMBER OF	EU, NATO, WTO, OECD, DIGITAL 5
ICT SECTOR	7% of GDP
GDP	25,9 bln USD





ESTONIA IN FACTS

OECD	#1	Tax Competitiveness
European Commission	#1	EU Digital Economy and Society Index
Freedom House	#2	Internet Freedom
Freedom House	#9	Index of Economic Freedom
United Nations	#15	E-Government Index
World Bank	#16	Ease of doing business
World Economic Forum	#22	Networked Residence Index



e-State

Redefining governance,
simplifying life and business



Empowering

Everything can be done online except for marriage, divorce and selling your house

- ONCE-ONLY PRINCIPLE
- NO LEGACY
- DIGITAL BY DEFAULT
- SINGLE POINT OF ENTRY
- USER FRIENDLINESS
- OMNI-CHANNEL SERVICES
- OPEN STANDARDS
- 24/7



Everywhere

Internet is a social right

- ▶ BROADBAND IN 88% OF HOMES, 100 Mbps BY 2018
- ▶ 3G, 4G COVER THE WHOLE COUNTRY, 5G PILOT IN 2018
- ▶ FREE WIFI AREAS ALL AROUND

Easy

e-Solutions simplify and benefit our lives.

E-CABINET: 5 HOUR MEETINGS TO 30 Min

TAXES DECLARATION TAKES 3 MINUTES

99% OF STATE SERVICES ARE ONLINE

I- VOTING - 30% VOTE ONLINE

INVISIBLE GOVERNANCE

BANKING IS ONLINE 99.8%

E-TAXES 98% ONLINE

E-PRESCRIPTIONS 99%

PAPER-FREE ADMINISTRATION

EASY BUSINESS IN 18 MINUTES

Efficient

Time-efficient electronic solutions save money and more

- ▶ **DIGITAL SIGNATURE SAVES 2% OF GDP PER YEAR**
- ▶ **50 TIMES MORE EFFICIENT CONNECTED POLICE**
- ▶ **MANAGE WORK AND BUSINESS DISTANTLY**
- ▶ **1/3 LESS QUEUES AT THE HOSPITALS**
- ▶ **BEST TAX COLLECTOR IN THE WORLD**
- ▶ **I- VOTING 2.5 TIMES CHEAPER**

Economical

State budget optimized

▶ UK
20 bln EUR per year

▶ Finland
2 bln EUR per year

▶ Estonia
50 mln EUR per year

Engaging

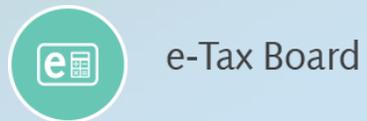
It all relies on collaboration through engagement

- | | | | |
|---|----------------|---|---------------|
|  | STATE |  | CIVIL SOCIETY |
|  | PRIVATE SECTOR |  | CLUSTERS |
|  | NGOS |  | EDUCATION |



(r)Evolution

The story of Estonia



e-Tax Board



m-Parking



e-School



Digital
Signature



ID Card



i-Voting



Population
Registry



X-road



ID bus ticket



e-Land Registry



Mobile-ID



Keyless Signature
Infrastructure



e-Police system



e-Health system



Smart Grid



X-Road Europe

2008

2010

2011

2012

2013

2014



e-Prescription



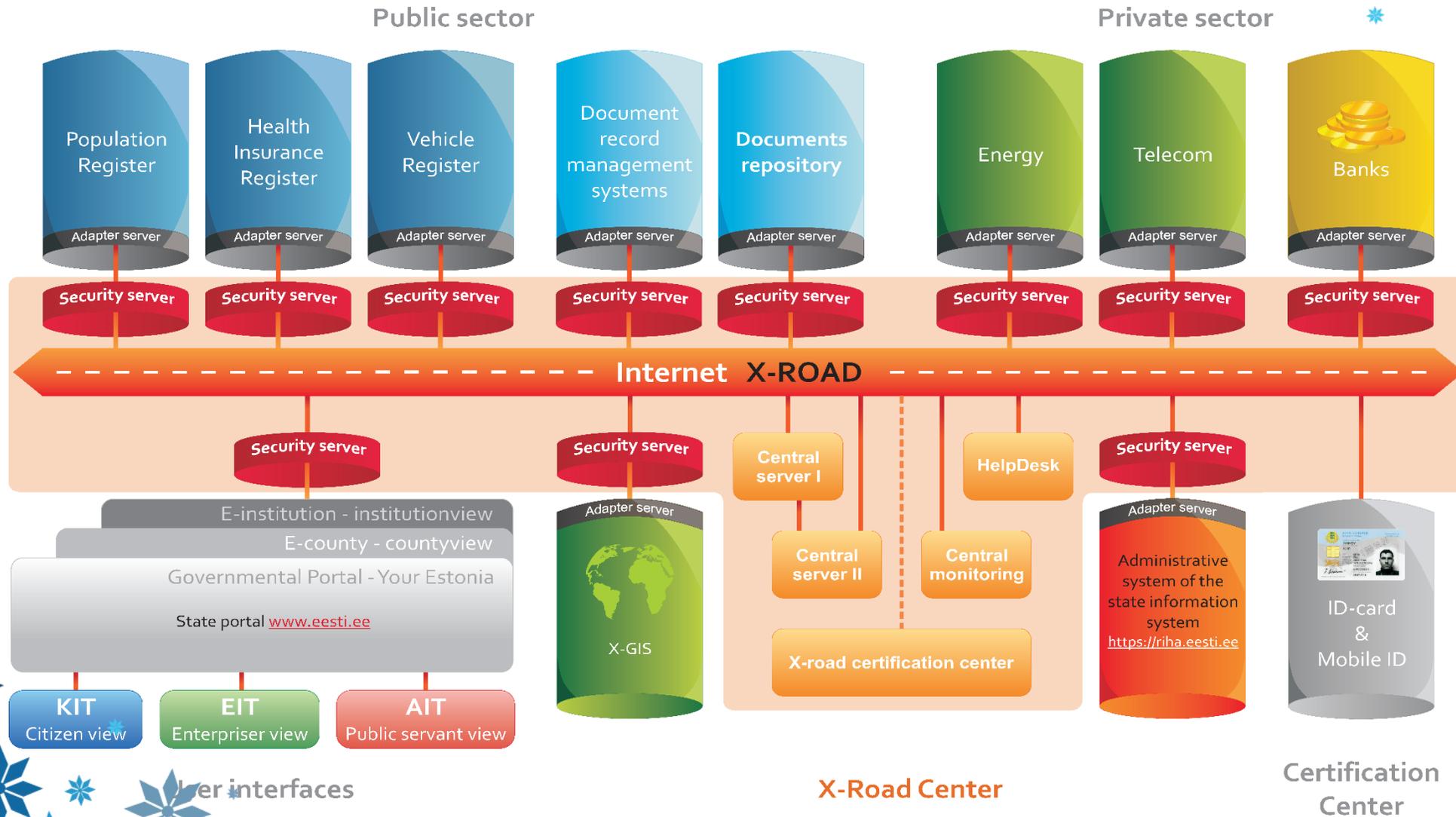
Country-wide
EV quick
charging
Network

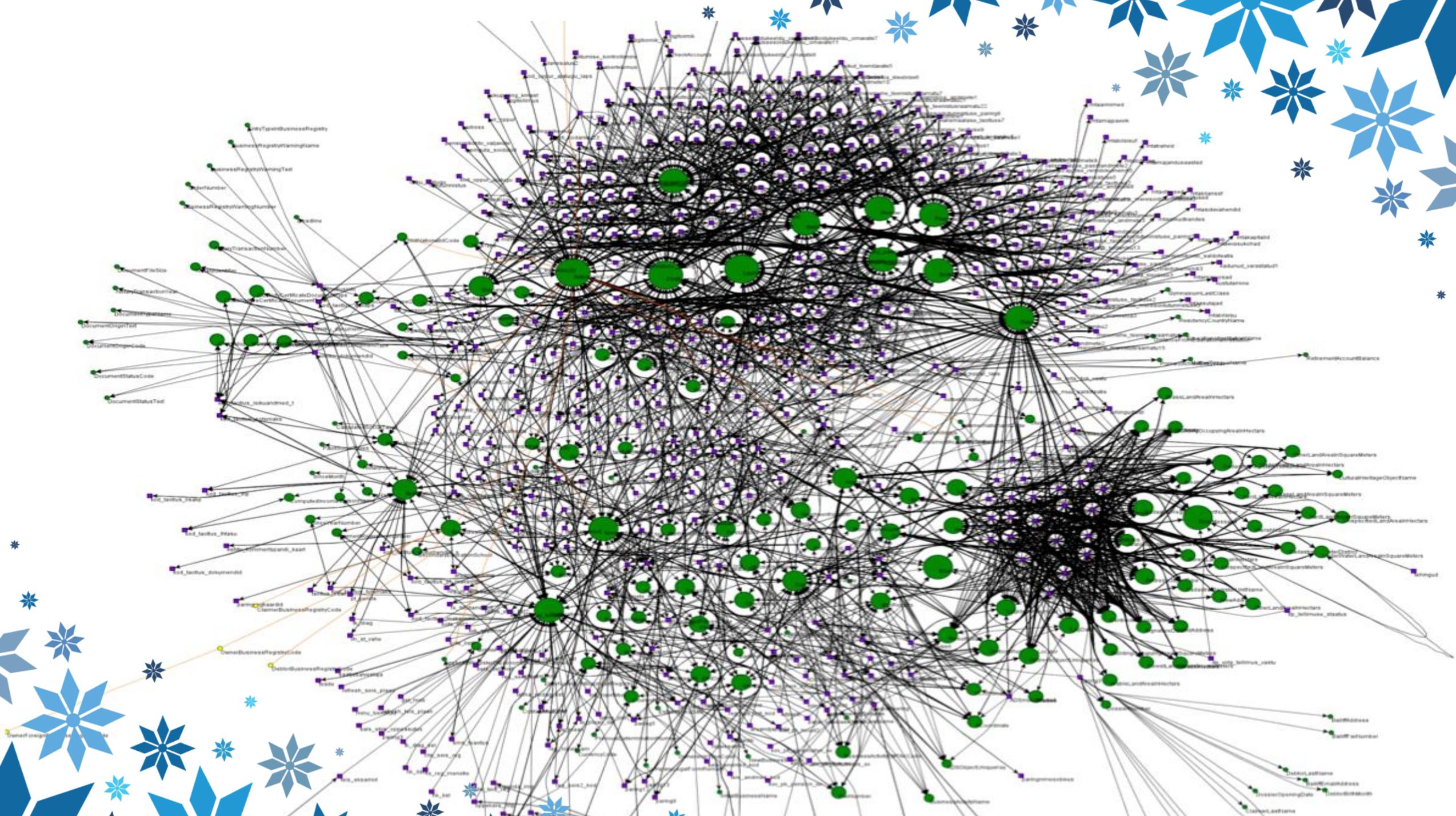


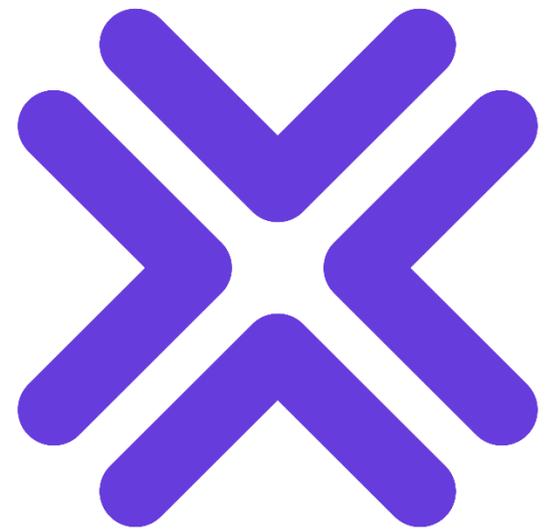
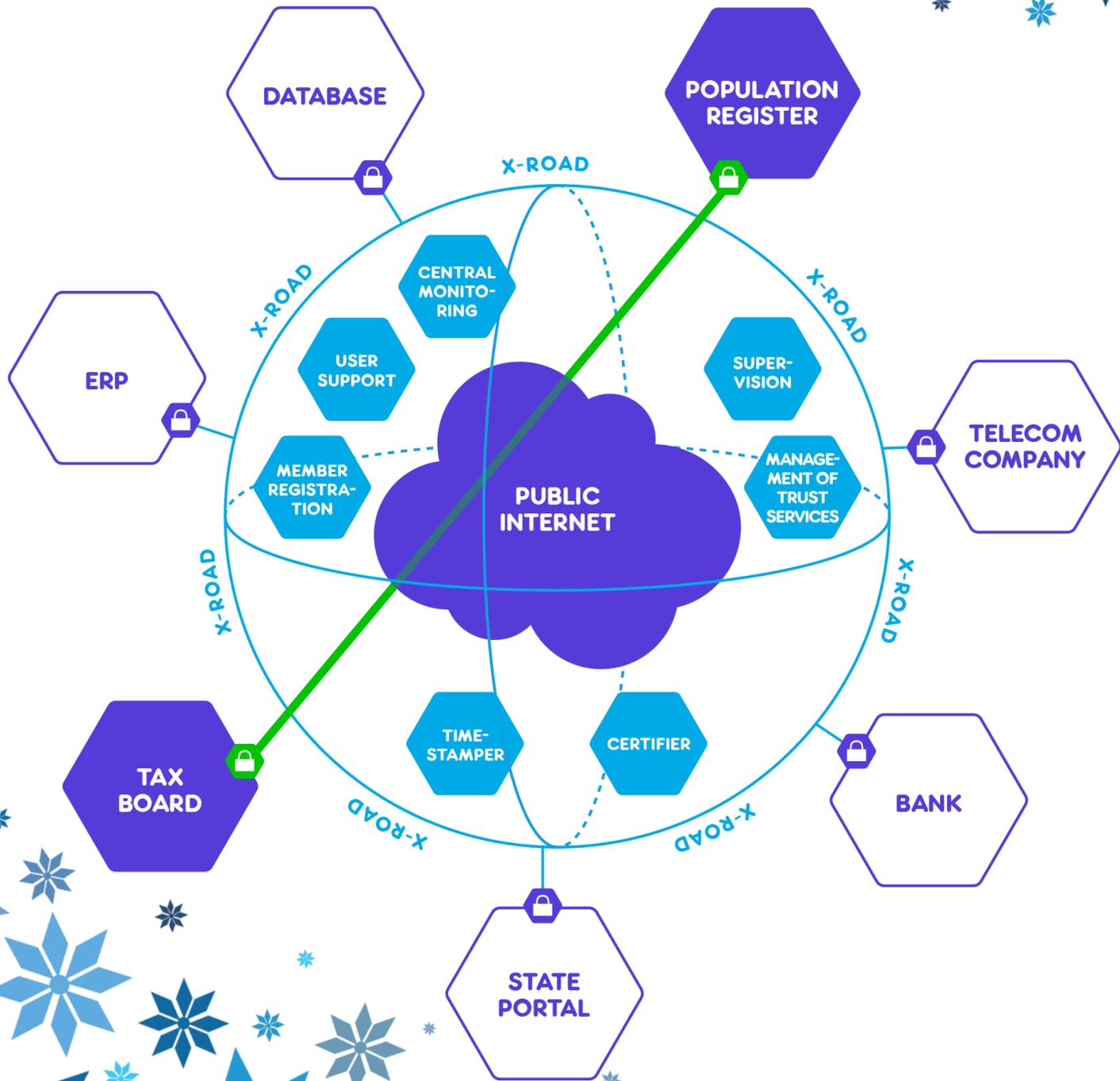
e-Residency



Data Embassy







X-ROAD

e-Residency

e-Residency offers to every world citizen a government-issued digital identity and the opportunity to open and run a trusted company online, unleashing the world's entrepreneurial potential



e-Estonia.com
The Digital Society



e-Residency

Become an e-Resident like 12000 others
Over 840 new companies established!



e-Estonia.com
The Digital Society



e-Identity

It all relies on collaboration through engagement.

ID-card penetration is over 94%

- | | |
|-------------------|-------------------|
| IDENTIFICATION | VOTING |
| TRAVELLING | BUSINESS, BANKING |
| DIGITAL SIGNATURE | DRIVING LICENSE |
| STATE SERVICES | PUBLIC TRANSPORT |
| HEALTHCARE | LOYALTY CARD |

Security Model

Confidentiality

ID-card Mobile-ID

Preventing the disclosure of information to unauthorized individuals or systems.

Availability

X-ROAD

Making sure that the computing systems, the security controls, and the communication channels are functioning correctly.

Integrity

KSI Blockchain

Maintaining and assuring the accuracy and consistency of systems and data.

#EstonianMafia

Think globally, act locally.



SKYPE



TRANSFERWISE



GRABCAD



LINGVIST



JOBITICAL



Epoch

The future starts with E

SMART CITY

X-ROAD THROUGH EUROPE

E-RESIDENCY

INVISIBLE GOVERNMENT

CROSS-BORDER COOPERATION

REAL-TIME ECONOMY

INDUSTRY 4.0

DATA EMBASSY

The Future is here!

Showroom@eas.ee

e-Estonia.com
The Digital Society

