

E-governance 2.0

An aerial night view of a city, likely Tallinn, Estonia, showing a dense urban area with numerous illuminated buildings. The city is situated near a large body of water, with a harbor area visible on the right side. The sky is dark, and the city lights create a warm glow. In the background, a church spire is visible against the dark sky. The overall scene depicts a modern, well-lit urban environment.

Mart Mägi
Director General
Statistics Estonia

e-Estonia timeline

○
2000 –
2002

○
2003 –
2005

○
2006 –
2008

○
2009 –
2011

○
2012 –
2014

○
2015 –
2018

Challenges: 5G

Data GOVERNANCE



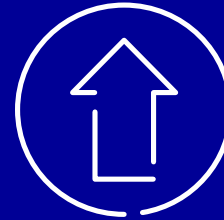
GATHER

Once-only
Ingestion
Definition
Acquisition
Negotiation



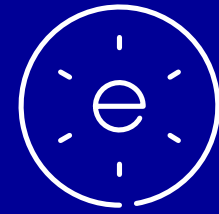
GUARD

Ethics
Rights
Security
Protection
Confidentiality



GROW

Lifecycle management
Creation of algorithms
Interoperability
Analysis
Linking



GIVE

Machine-to-machine
Open data, APIs
Dissemination
Visualisation
Twice-used

Data (incl. metadata) and interoperability standards

Data protection and quality guidelines

DATA

INFORMATION

Data for making citizens' lives better

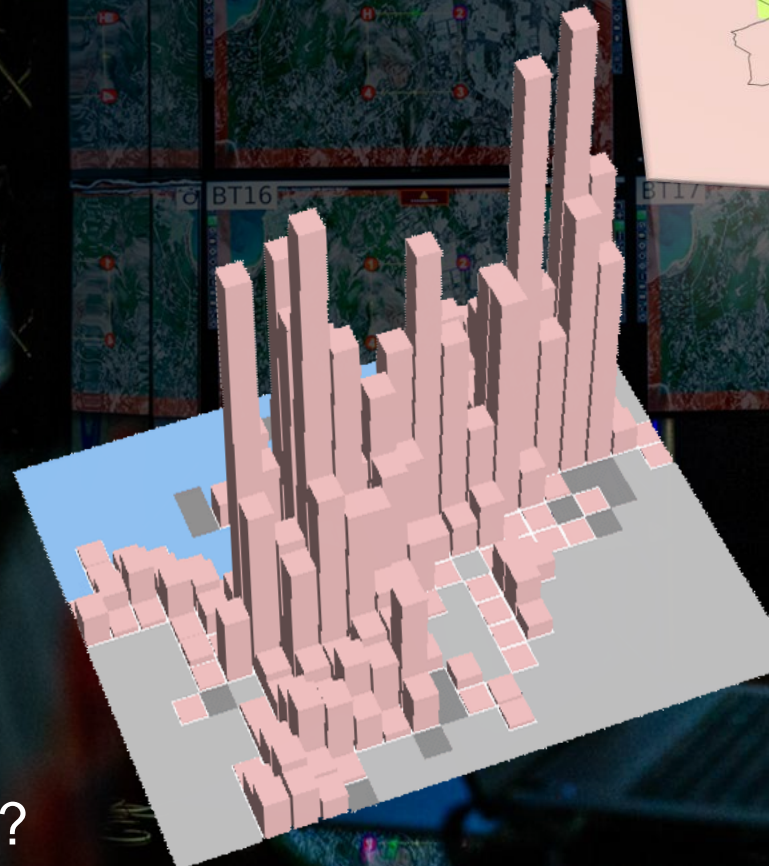
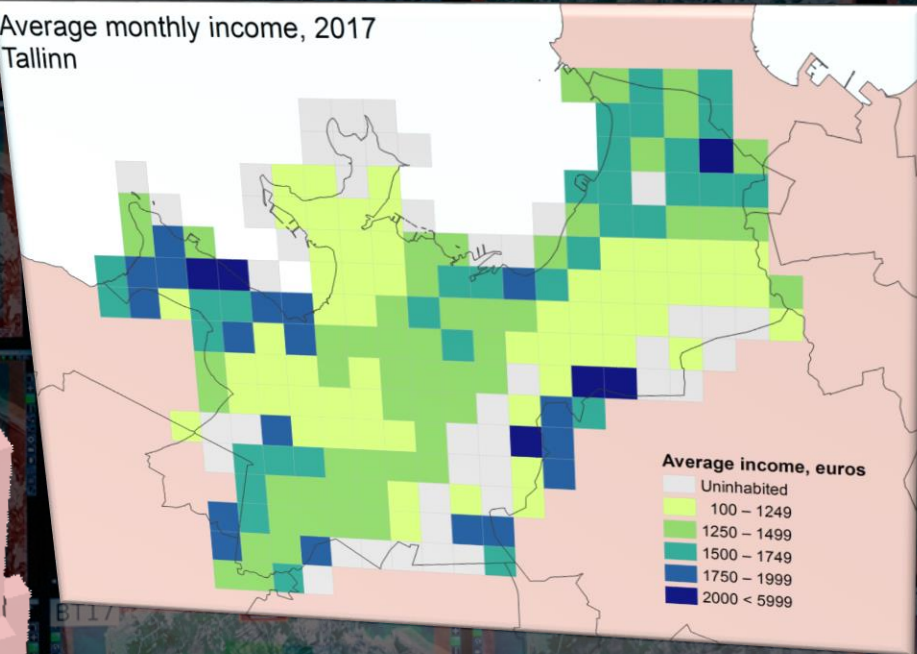
In Estonia, make the maximum use of information and communication technologies (ICT) so that smart solutions could be used to increase the quality of life and employment, ensure the viability of the Estonian cultural space, increase productivity in the economy and efficiency of the public sector.

Where to establish business



- Where are the citizens?
- What is average income in the area?
- Where are competitors in the area?

Average monthly income, 2017
Tallinn



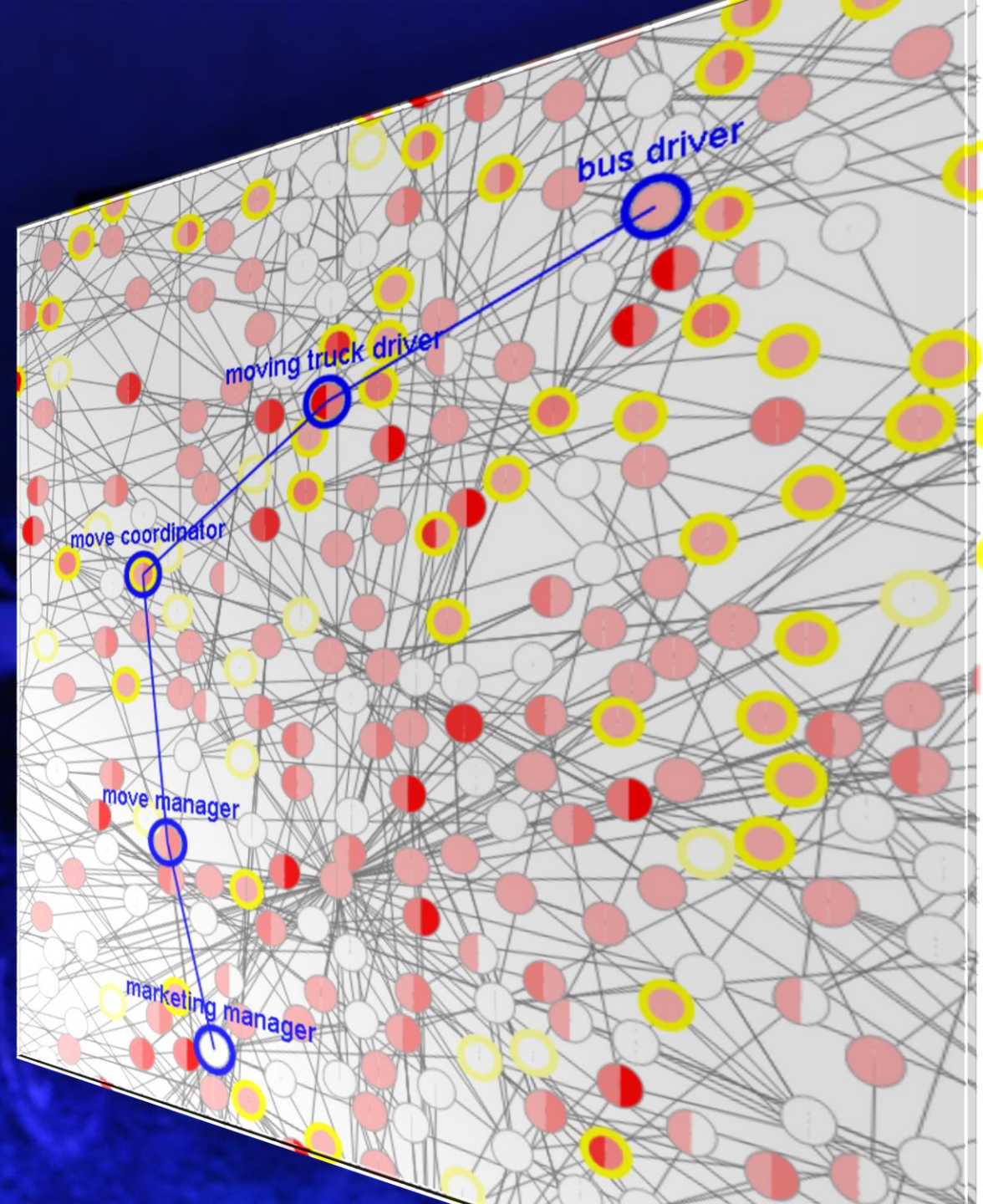
Number of population, 2016

New public services

Differences between supply and demand on the job market at EU as well as at regional level

Analyses about which jobs are most vulnerable to digitalisation

Side effect – “career path finder”



Main problems for decision makers

- + Missing data or information
- + Different or late information
- + Complicated – information overload
- + Where are we? Where do we want to be?

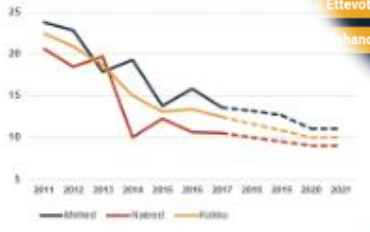
Same data for different levels



Draft dashboard

Minu huvid

- Lisan
- Infotehnoloogia ja side ✕
- Teadus, Tehnoloogia, Innovatsioon ✕
- Teenindus ✕ Palk ja tööjõukulu ✕
- Ettevõtete majandusnäitajad ✕
- Handlus ✕



Tulemusvaldkond: Sotsiaalne kaits

- Absoluutse vaesuse määr
- Suhtelise vaesuse määr
- Sooline palgalõhe
- Sotsiaalkaitsete programid**
 - Hoiatavate programid**
 - Soolise võrdõiglikkuse programid**
 - Reaalteadused lõpetanud naiste arv
 - Palgalõhet suureks probleemiks peetajad
 - Soolise võrdõiglikkuse indeks
 - Kes pööduvad võrdõiglikkuse poole
- Märki: Soolise kaitselise suhtumise**

Kontekstinäitajad

- Rahaarv
- Rühm
- Sündide arv
- Puuetega laste arv
- Veel mingi kontekstinäitaja
- Veel mingi kontekstinäitaja
- Ja veel mingi näitaja

Muhu vald

Otain

Rahvastik (1. jaanuar 2016)

Laekumised 640 311 €

Kulud - 430 582 €

Eelarve 550 399 €

Maailmasteatrid

Maailmasteatrid	Maailmasteatrid
1-4% (1)	10-14% (2)
5-9% (2)	45% (1)

1,253 ↓ 10%	0,245 ↑ 2%	3,055 ↑ 14%	59,46 ↓ 12%	1,975 ↓ 1%
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Muhu võrdluses teistega

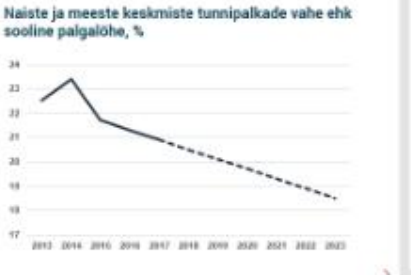
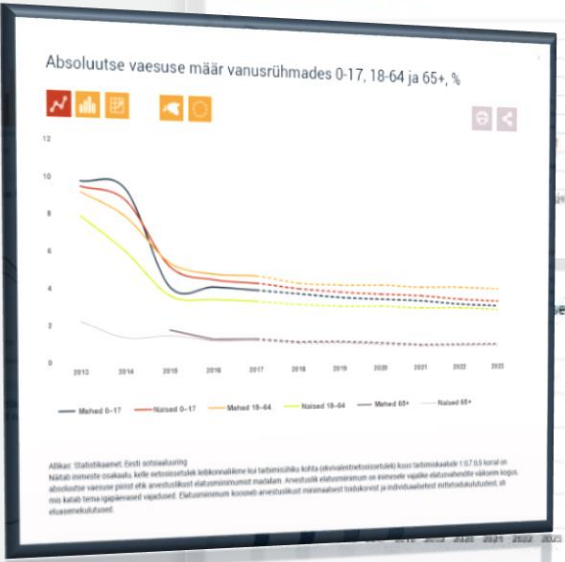
Registreeritud kuriteod	Väljastatud	Metsasus	Muuseumikülastused
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Rahvastik 2017

1 823 elanikke

Ettevõtluse tulud 2017

Haridus	Noorsootöö	Jäätmekäitlus	Ühistransport
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Salvesta presentatsiooniks

“Tree of life”

- + Circles: strategic levels / time
- + Boughs: performance areas
- + Leaves: 120 indicators with short explanation, current and target state and source of information



Empowering

Dashboards is not enough.

- + We do it for the citizens.
- + Simple approach
- + Strong media support

Thank you!

