

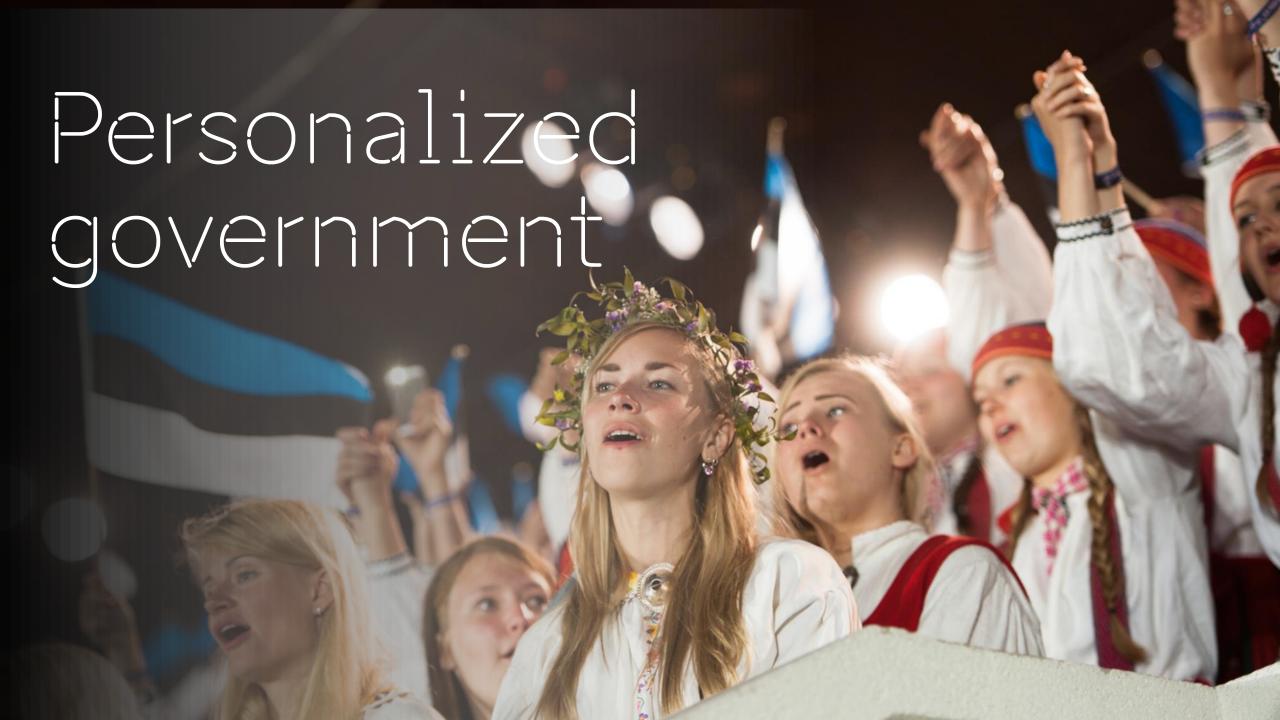
Estonia: Building a personalized state

Luukas Ilves Government CIO WB ECA Seminar, 11.12.2023



- + e-ID: 1,5 million authentications and digital signatures every day
- + 1000+ entities connected to X-Road
- + More than 3000 e-services
- + Online elections since 2004





Service management from the perspective of users

- Life events



childbirth



starting a business



buying a car



driving licence



start of school



unemployment & job search



marriage



divorce



disability



military service



change of residence



retirement



death (succession)



building houses

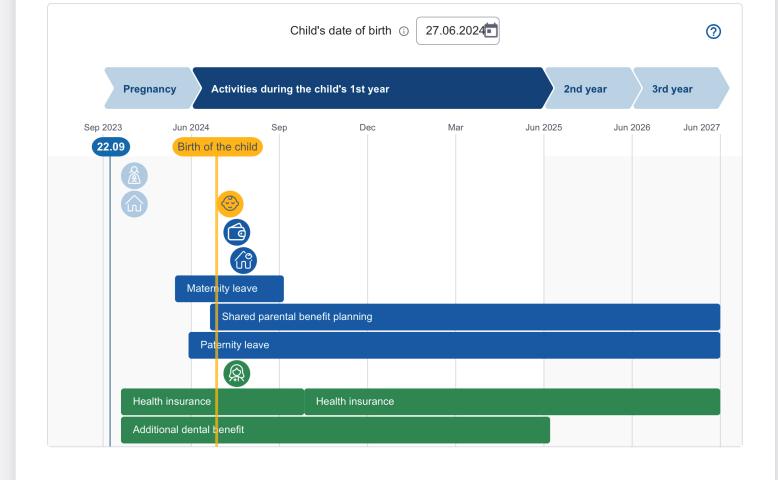


falling victim to an accident

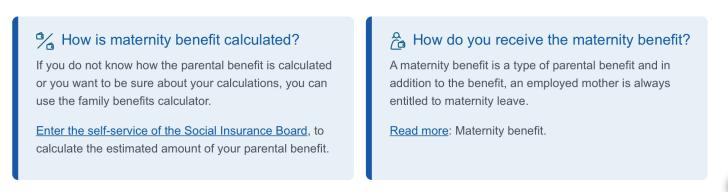


falling victim to a crime





You might be interested in the following topics



Lapse saamise sündmusteenusega seotud teenuste kaardistus

Vali osapool SKA RR RIA TTO SOM TAI KOV HK

Enne raseduse tuvastamist

- Hüvitiste ja toetuste kalkuleerimise teenus SKA
- Tervishoiuteenused lapse saamiseks (lapse planeerimise nõustamine, viljatusravi)
- Lapsendamise nõustamisteenus
- Raseduse ja sünnituse spetsiifiline TTO-de otsing HK

Raseduse jooksul

- Rasedale osutatavad tervishoiuteenused (sh rasedana arvele võtmine)
- Rasedusaegse ravikindlustuse määramine HK
- Raseda kõrgendatud määras hambaravihüvitis HK
- Infoteenus riiklike teenuste osas SKA
- Rasedusaegsete terviseandmete vaatamine Terviseportaalist
- Digikanalis suhtlusvõimalused TTO-ga TTO SOM TAI

TTO SOM TAI

- Raseduse ja sünnituse spetsiifiline TTO-de otsing HK
- Emapuhkus ja ema vanemahüvitis SKA
- Isapuhkus ja isa vanemahüvitis SKA
- Raseduse ja sünniga seotud sotsiaalteenused
 - KOV sotsiaalabi
- Raseduskriisinõustamine

Sünd

- Tervishoiuteenused lapse sündimisel (sh sünnifakti dokumenteerimine)
- Sünnifakti dokumenteerimine kodusünnituse puhul
- Surnult sündinule nime panemine TTO SOM TAI
- Surnult sündinu kajastamine riiklikes teenustes SOM RIA
- Raseduse ja sünniga seotud sotsiaalteenused
 - Lapsendamine ja eeskoste
 - Sotsiaalabi sügava puudega vastsündinule

TTO SOM SKA KOV

- KOV lastekaitse ja sotsiaalabi
- Raseduskriisinõustamine

Pärast sündi

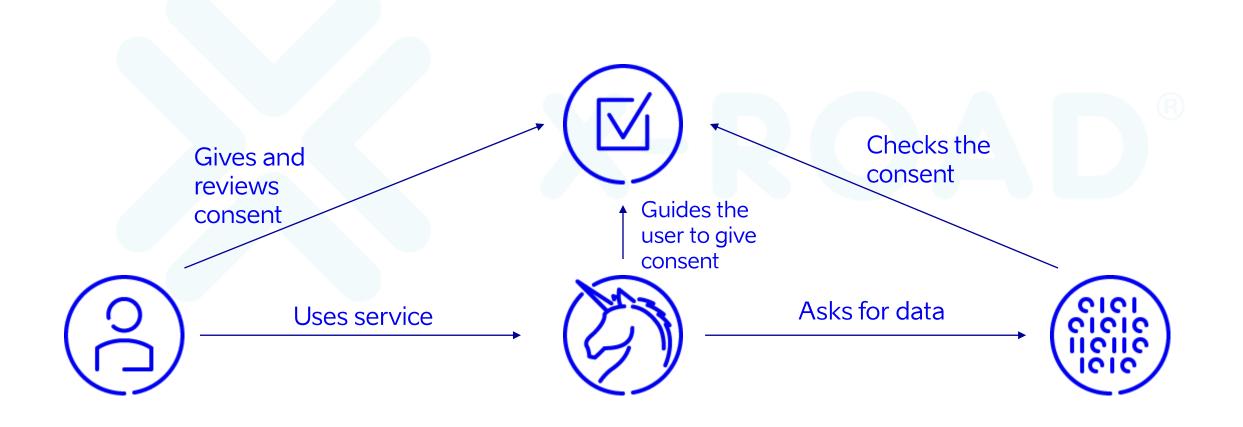
- Nime päring sünni registreerimiseks
- Nime statistika päring RR
- Lapsele nime panemine (kompleksteenus) RR
- Riiklik perehüvitiste pakkett SKA
- KOVi sünnitoetus KOV
- KOVi matusetoetus (surnult sünd)
- KOVi lasteaiakoha järjekorda paneminine KOV
- Lapse tervise jälgimine (esimesed vastuvõtud pärast lapse sündi)
- Lapse ravikindlustus HK
- Ravikindlustus vanemapuhkuse ajal
- Lapsele perearsti määramine
- Alla 1-aastase lapse ema täiendav hambaravihüvitis

НК

- Teenus ei vaja muudatusi või on muudatused juba planeeritud sündmusteenusest eraldi
- Teenusesse on vajalik väiksemad muudatused sündmusteenuse raames
- Teenus puudub / teenusesse on vajalik suured muudatused sündmusteenuse raames
- Teenus ei kuulu sündmusteenuse skoopi/ teenust ei muudeta sündmusteenuse raames

10/31

Consent management service allows innovation





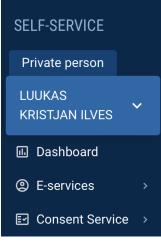
Enter a search term



NAME LUUKAS KRISTJAN ILVES



SELF-SERVICE	Home page / Consent Service / My consents
Private person	My consents
LUUKAS KRISTJAN ILVES	My consents for transferring personal data.
Ⅲ Dashboard	
② E-services >	Find keyword Q
	Status All consents •
Data tracker	
Mailbox	Cancel Display
⊡ Calendar →	
錄 Settings	Recipient of the data Sender of the data Data Nr Valid from ↓ Valid until Status
	Bigbank AS Maksukohustuslaste register Maksuandmete tõend 61614 23.08.2022 21.11.2022 Invalid
ARTICLES	Recipient of the data Sender of the data
General information	Recipient of the data Data controller Bigbank AS (10183757) Sender of the data Name of the information system Maksukohustuslaste register
Current topics >	Service which uses the data Krediidivõime hindamine Data controller Maksu- ja Tolliamet (70000349)
Republic of Estonia >	Data Maksuandmete tõend Data processor -
Legal advice >	Purpose for using the data Description of the data



Data tracker



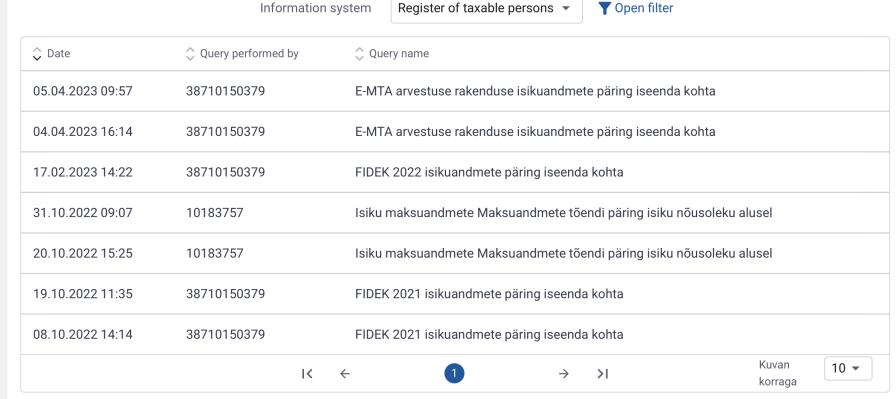
Home / Data tracker

Data tracker

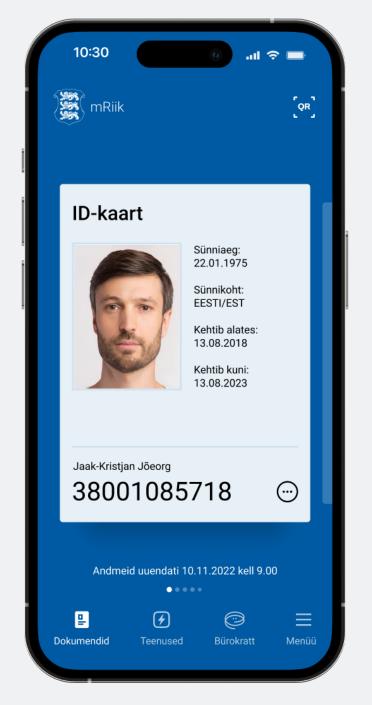
The Personal Data Usage Monitor allows you to see when your personal data is processed in the state's databases. The Personal Data Usage Monitor shows both operations within the databases and situations where a third party is granted access to your personal data. To see an overview, please choose the database you wish to see from the drop-down menu.

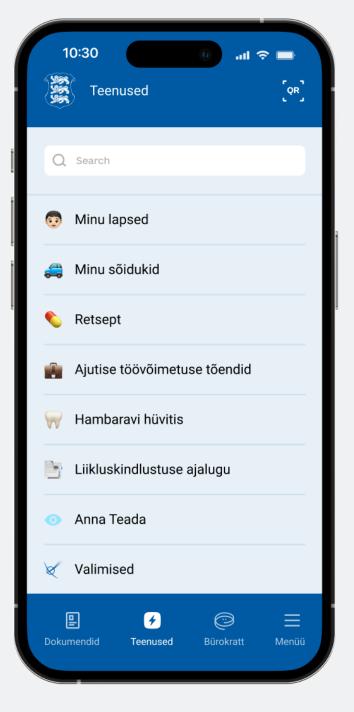
NB! If there is a company registry code instead of a company name in the 'Query performed by' column, then in order to find out the company name, please make a query with the registry code at the e-Business Register

Please choose an information system











Pille is enjoying her morning coffee when her phone pings:

"Good morning, Pille! You have ten new messages."



AI use-cases (some examples from 100 pilots)

Analysis of risk management model for price agreement medicines and creation of a prototype

Agency of Medicine

ML project related to the risks of VAT refund claims

The Tax and Customs Board

Identification of forbidden advertising

Consumer Protection and Technical Regulatory Authority

ML tool for the evaluation of the fictitious names of a medicinal product

Agency of Medicine

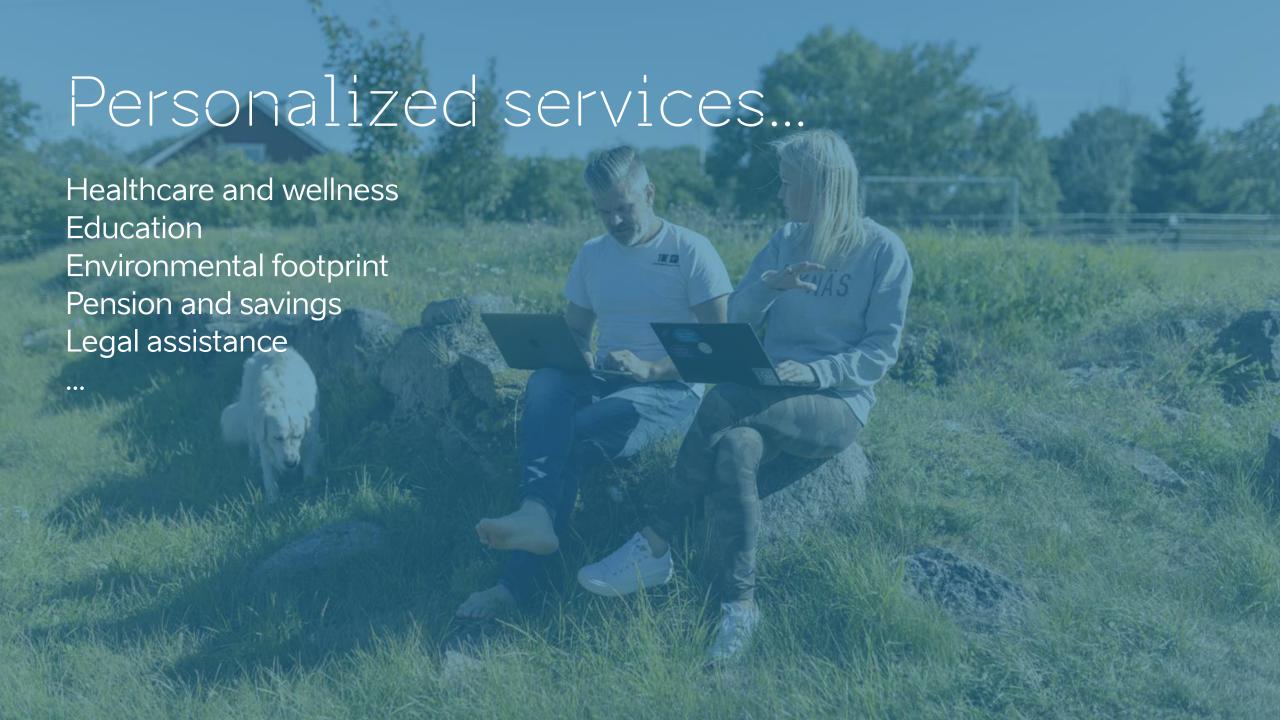
The threat assessment helper of the Emergency Response Centre

Emergenct Response Centre

The Information Technology Centre of the Ministry of the Environment

Identification of clear

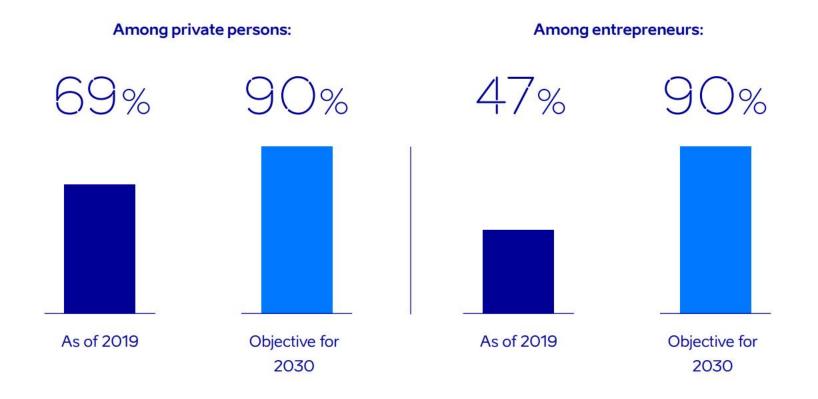
cutting of forests





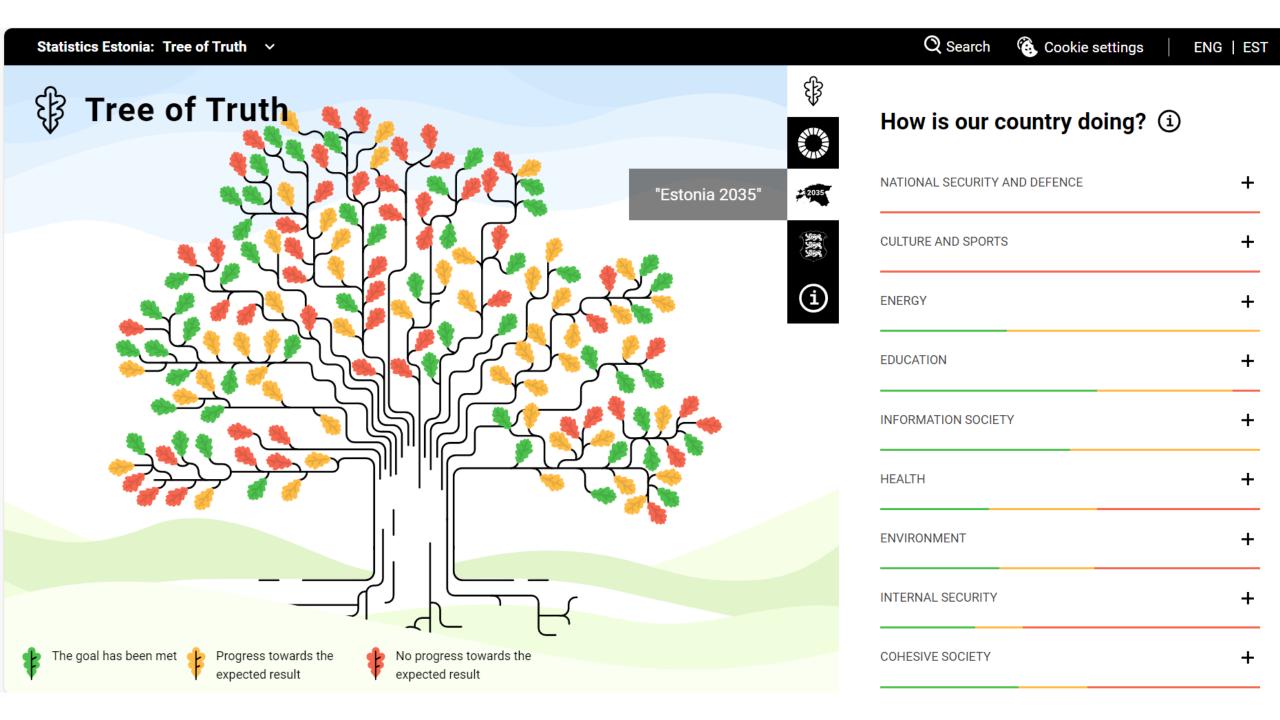
metric:

Satisfaction with public digital services⁶



406

Internet users who have refrained from communicating with public sector institutions or service providers via the Internet due to trust and security risks





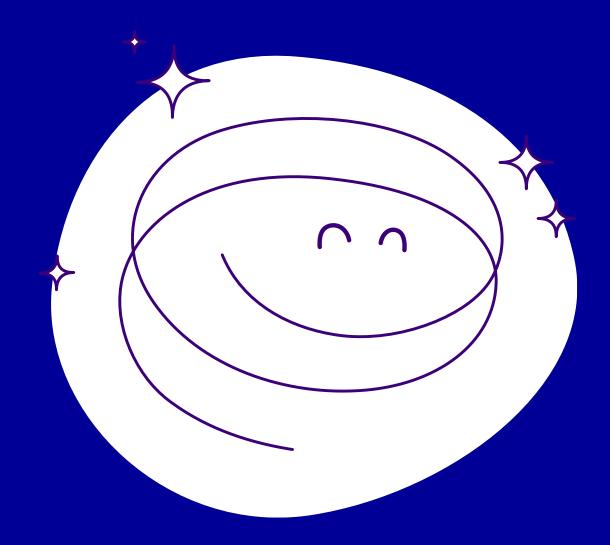
Nordic Institute for Interoperability Solutions



GovStack



Aitäh! (thank you)



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