

Kaija Valdmaa
Estfeed project manager

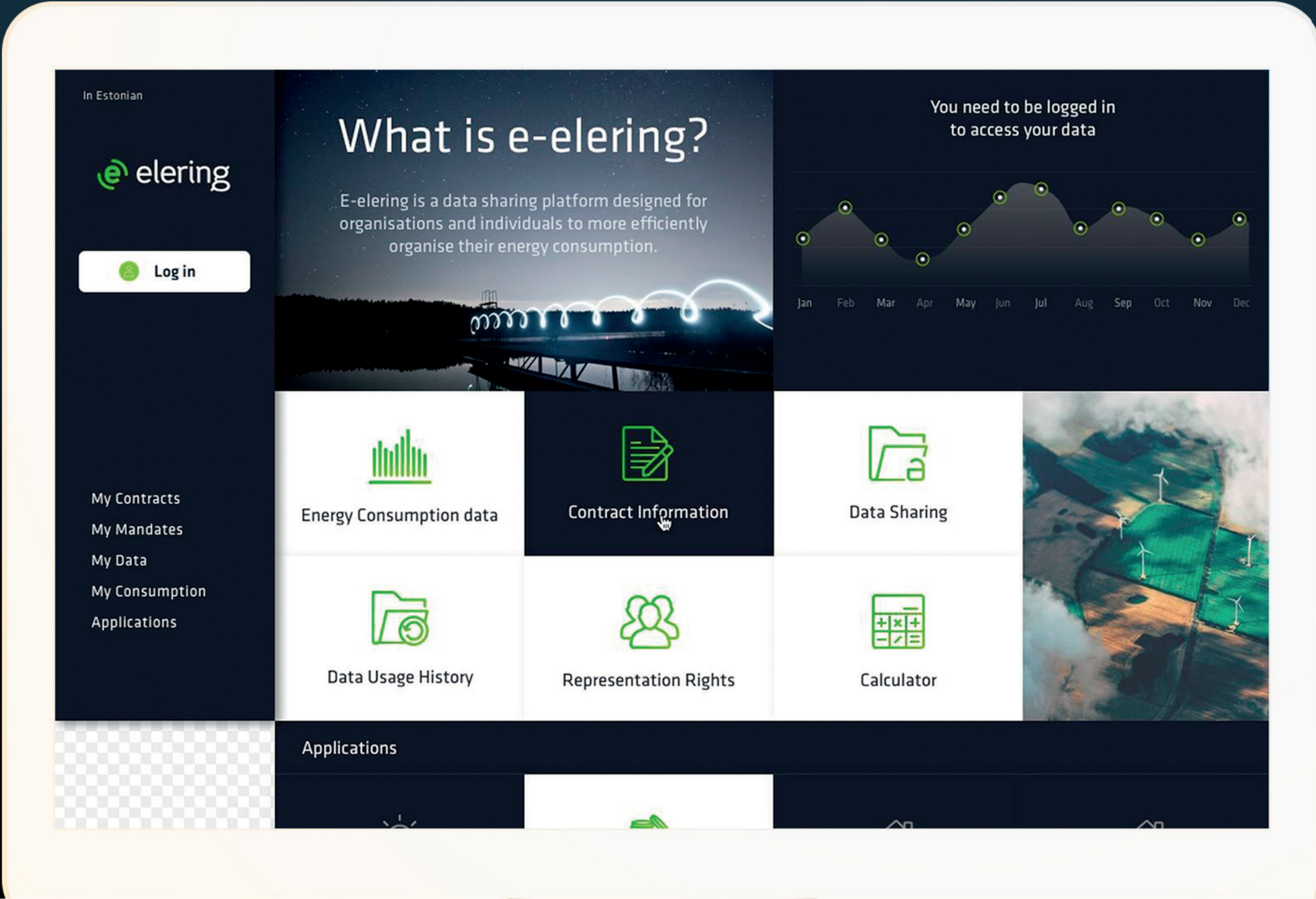
E-elering

„Where Digital Meets Energy“
conference on digitalizing energy systems 18
September 2017

What is e-eling?

Estfeed web-based user interface (UI)

**Client portal that brings together
energy data, applications and e-services,
as well as and management of related rights!**



Why is e-elering unique?

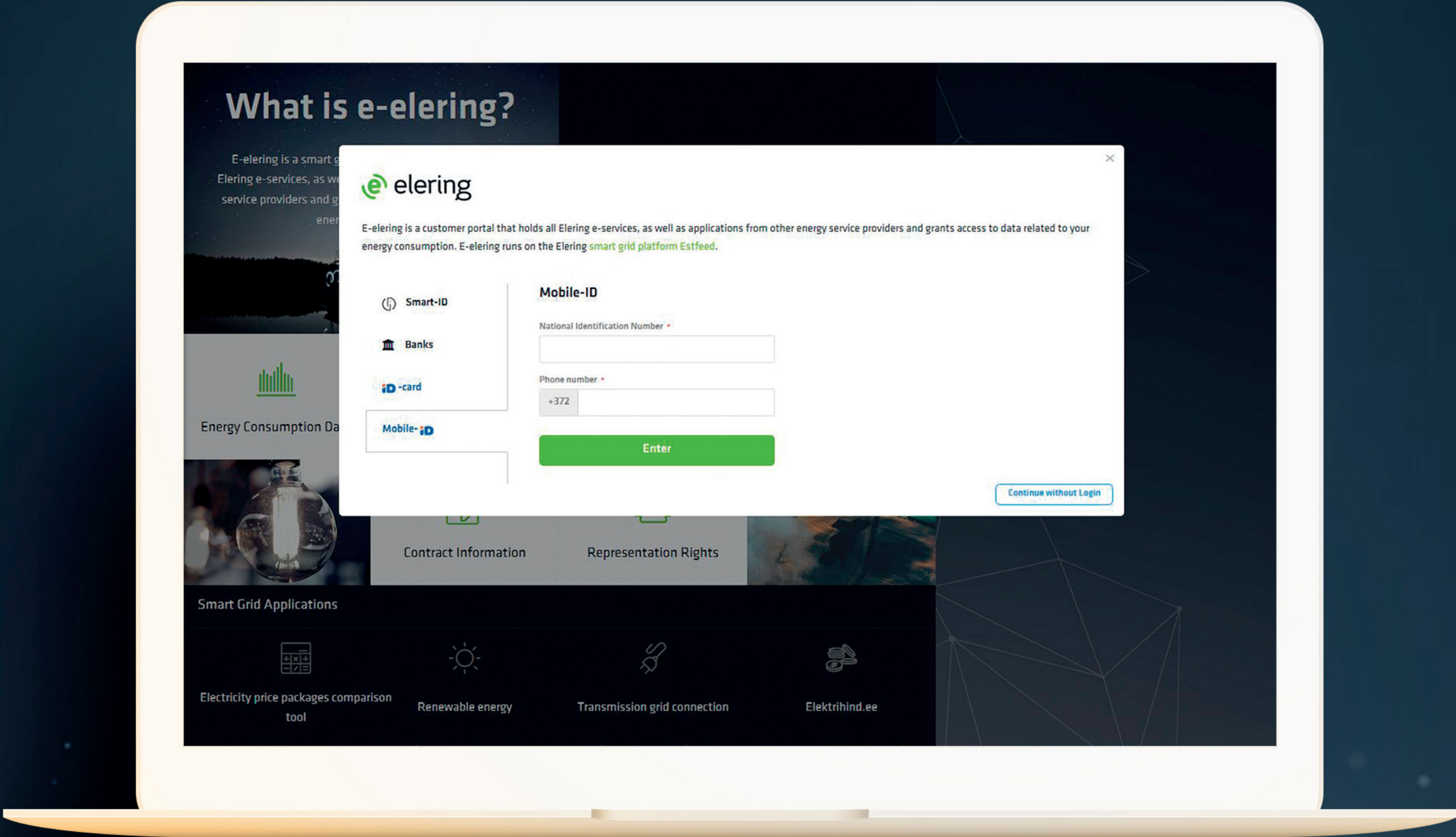
Data sharing with applications, private persons and energy suppliers

Comparison of electricity and gas consumption data

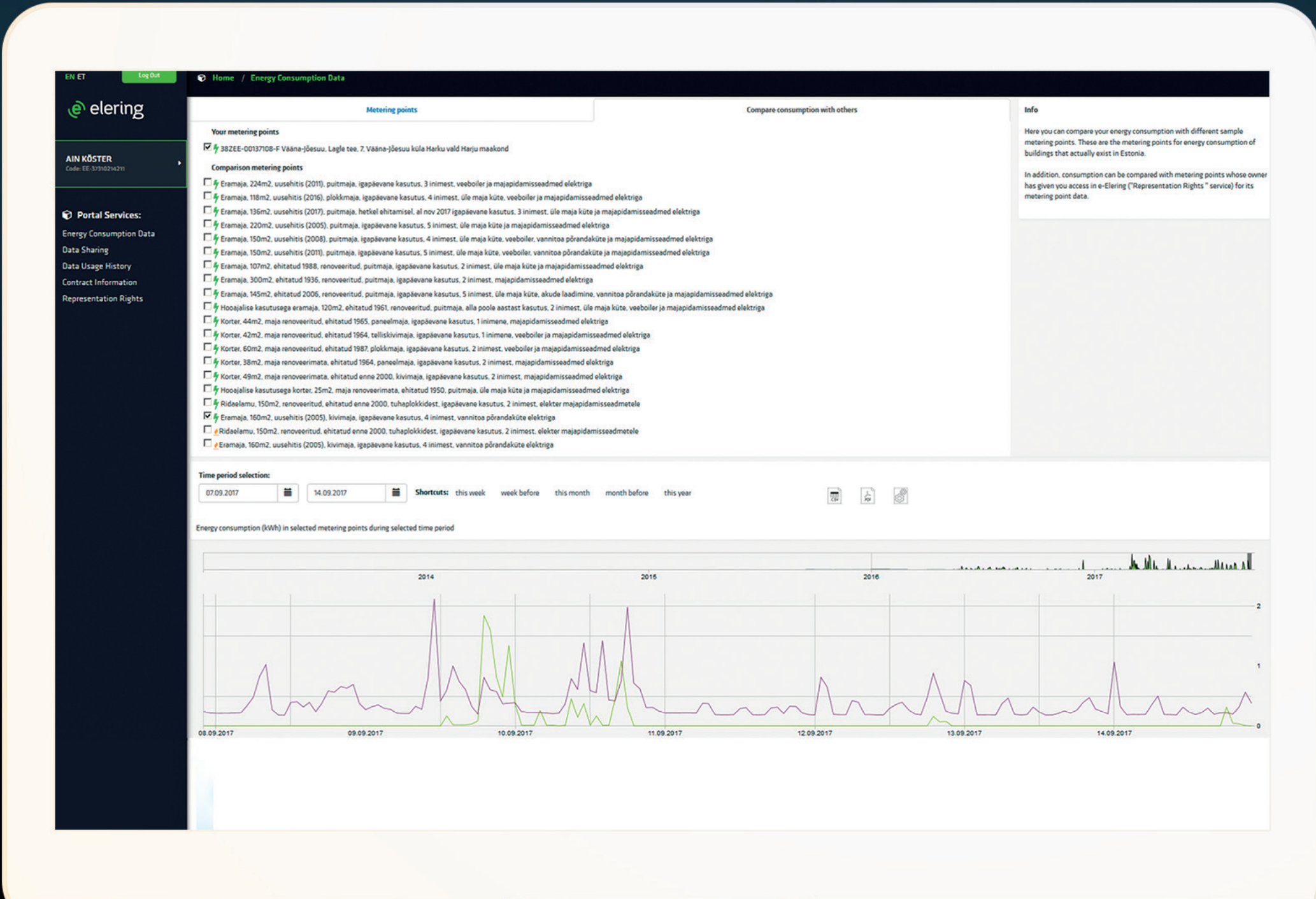
Smart Grid application store

1. Login authentication

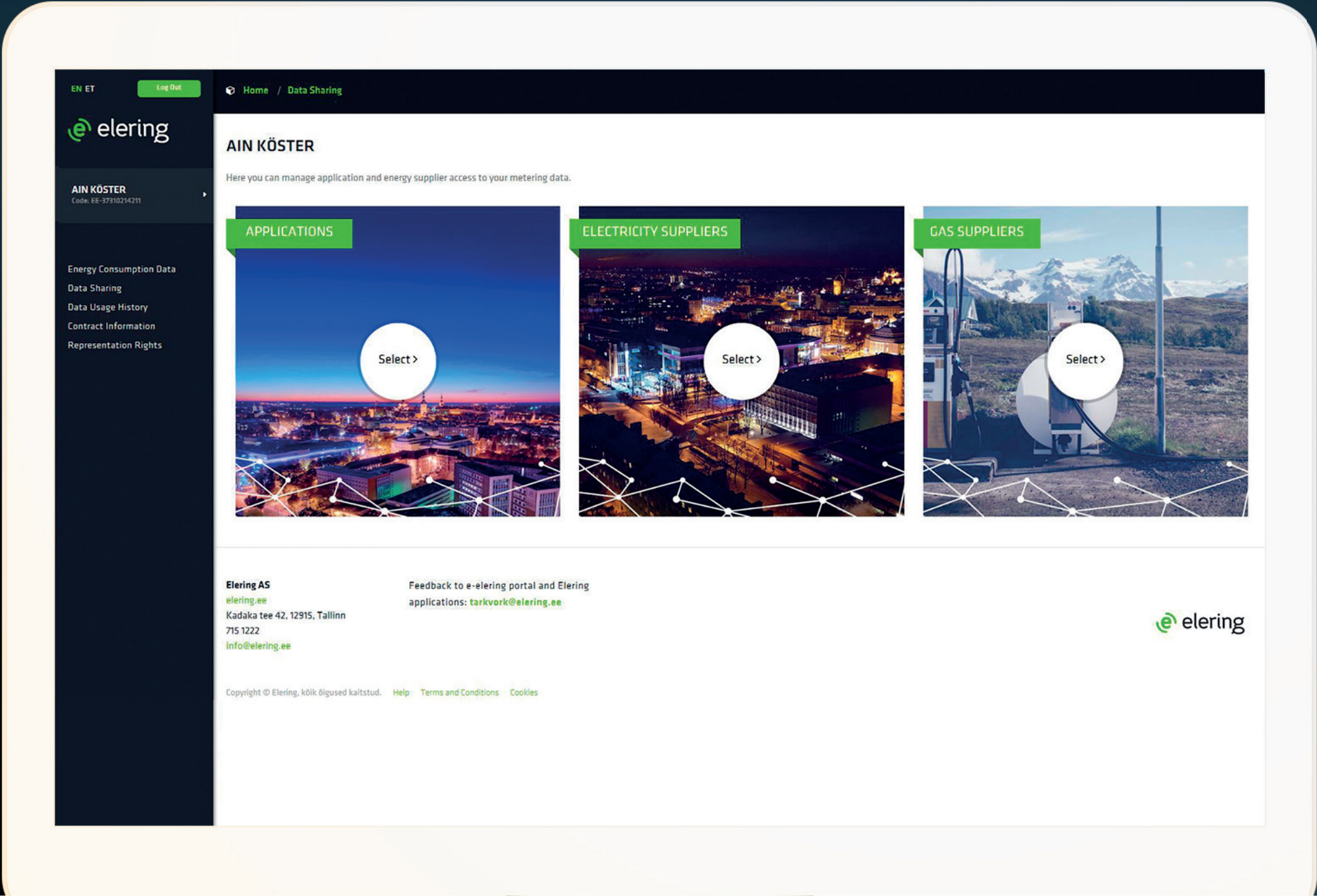
elering



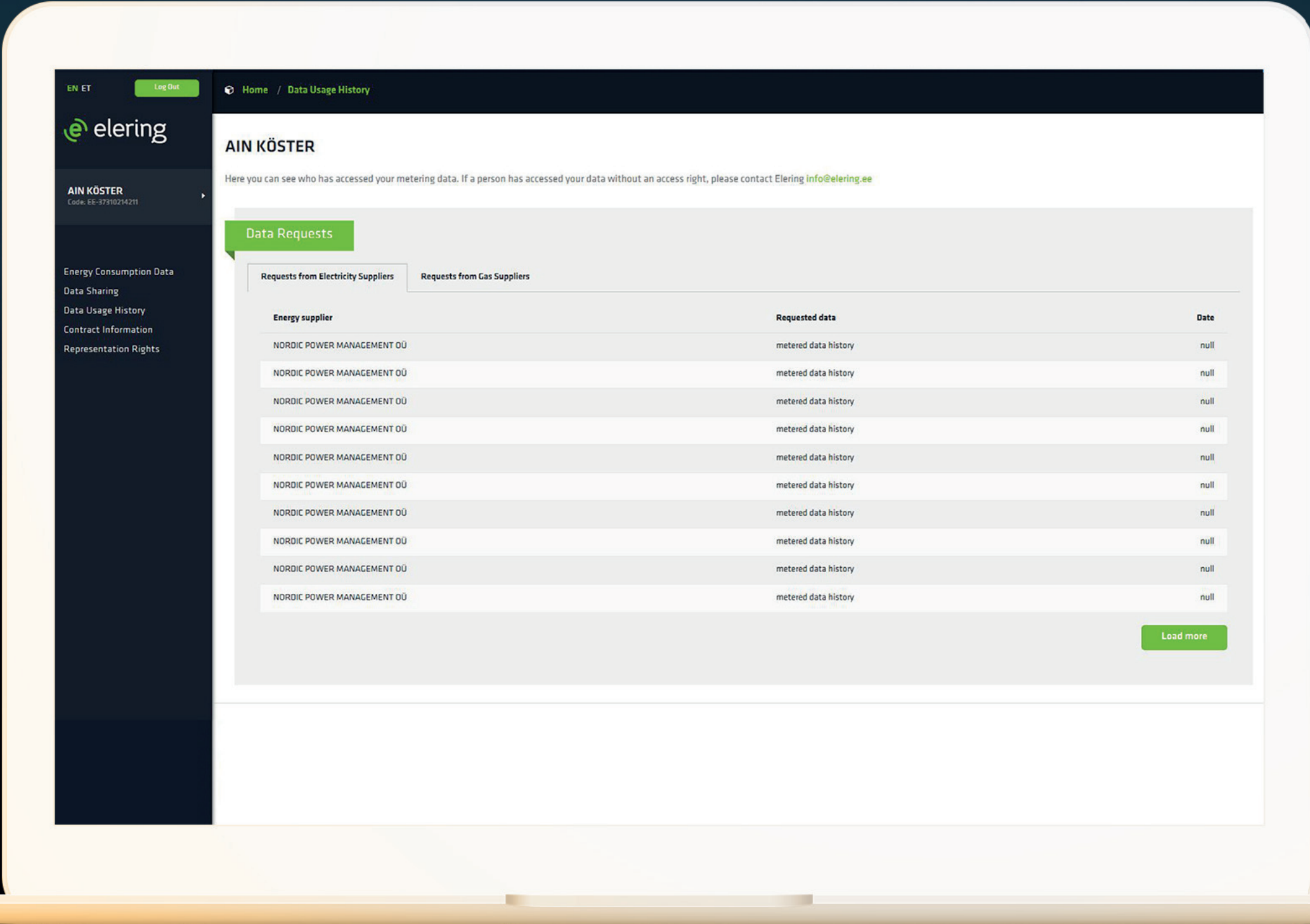
2. View you energy consumption data & compare it with others



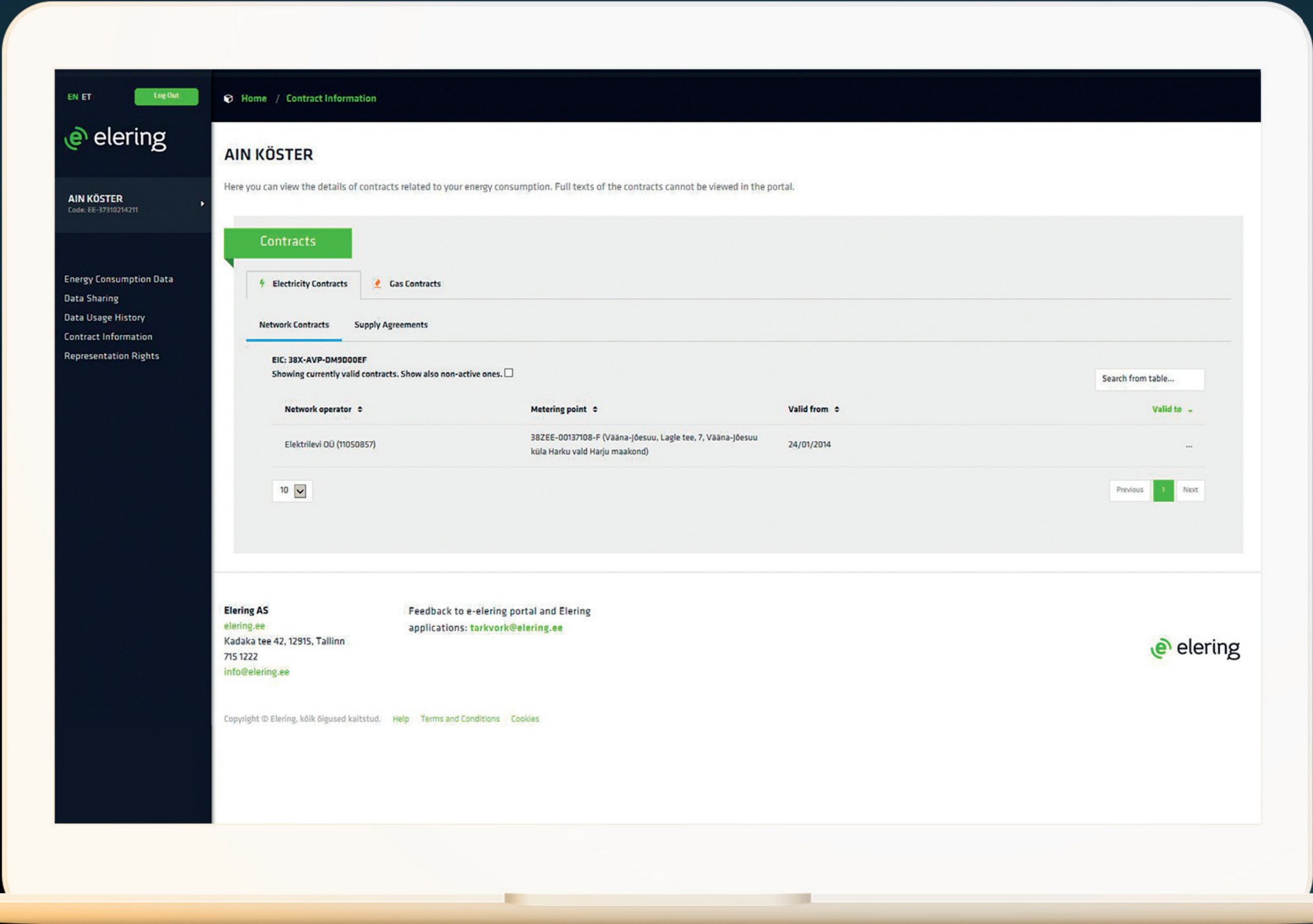
3. Share your data



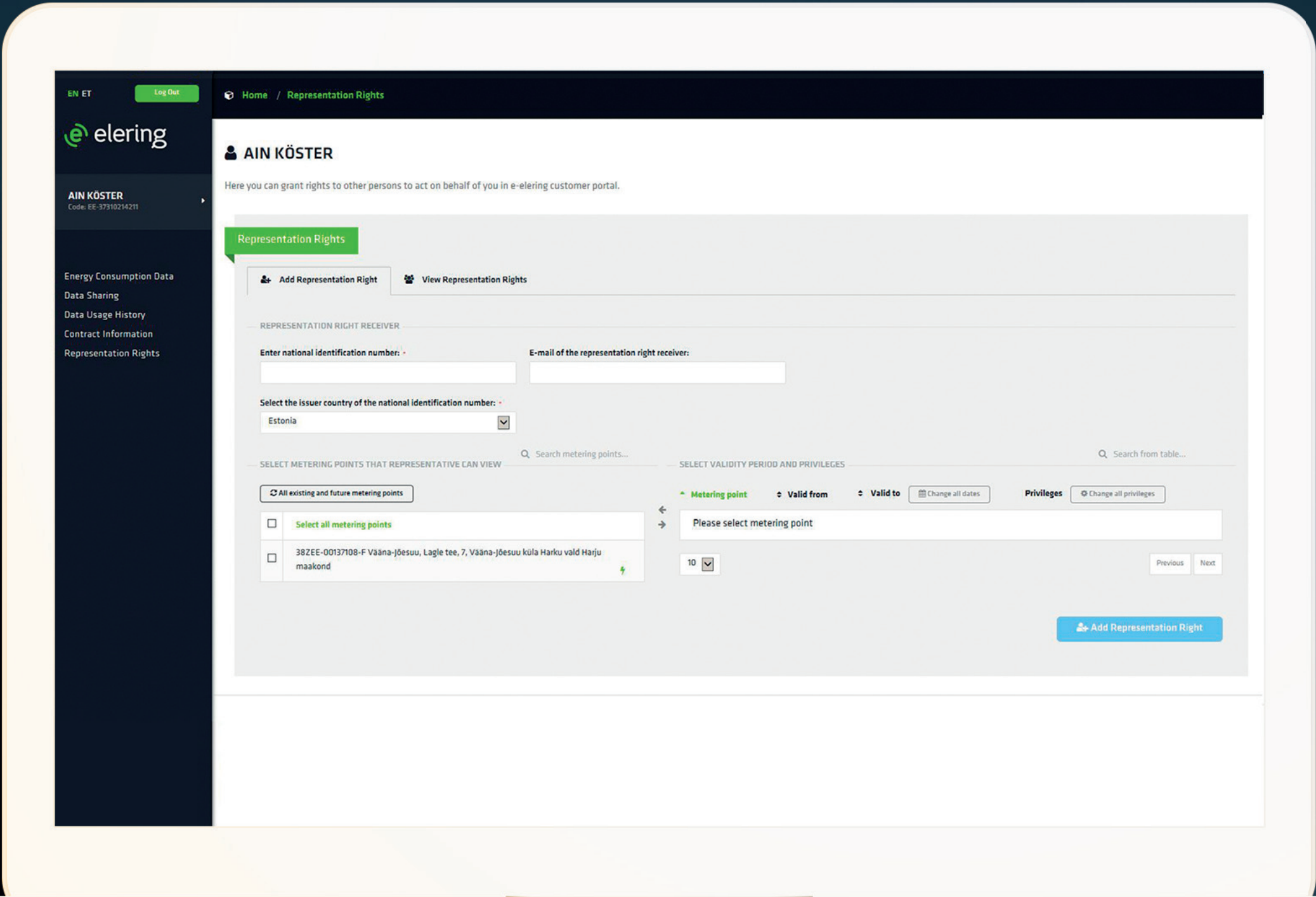
4. See who has used your data



5. View contract information




6. Give representation rights



7. Choose smart grid applications


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A promotional image for the AirPatrol Smartheat thermostat. The background is a light-colored wall with vertical wood paneling. On the right, a white, square-shaped thermostat is mounted on the wall, displaying '20 °C' on its screen. To the left of the thermostat, the text 'Ideal temperature in each room' is written in a large, dark brown serif font. Below this, in a smaller, dark brown sans-serif font, is the text 'Control any water based underfloor heating system in each room individually via smartphone & web application or wireless thermostat.' At the bottom left, there is a red rectangular button with the white text 'DISCOVER SMARTHEAT'. In the bottom right corner, the top of a white ceramic lamp is visible. The top of the image features a navigation bar with the 'AirPatrol' logo on the left and the links 'Products', 'Support', 'Blog', and 'Contact' on the right.


 ARCHIBUS

Project:

Headquarters-Circle

 |


Enter your user name (user-internal@live)



Sign In

I forgot my password

Sign in as "guest"

 English (United States)

☒ Remember my username on this computer

Andmeladu
INFOSÜSTEEM

in english eesti-keeles Po-russki

Andmeladu on infosüsteem, kuhu on koondatud kõik elektri müügi ja ülekandmisega seotud lepingud ning elektritarbimise mõõteandmed.

Elektritarbijatel on Andmelao infosüsteemis võimalik:

- ▶ Naha oma elektritarbimise kohtadega seotud lepinguid
- ▶ Jälgida oma elektritarbimisega seotud ajaloolisi andmeid
- ▶ Anda ühele või mitmele elektrimüüjale volitus ligipaasuks oma elektritarbimise andmetele, mille alusel saab elektrimüüja teha personaalse hinnapakkumise

Korduma kippuvad küsimused
AVP masinliidese dokumentatsioon

Tehniline tugi: andmeladu@elering.ee

Andmelao infotelefon
(+372) 71 51 222

Elering LIVE

Kõikid transpordid

Ülekanne

Tarbitmine ja tootmine

Ületootmine

Stardid

Gas

Kõikid transpordid

Ülekanne

Elering kaudu

in English

Elering LIVE

Elering LIVE koondab andmeid Eesti elektri- ja gaasivõrgu toimimisest ja elektri tarbimisest ja tootmisest, ülepiirilistest energiavaadetest ning energiakaubanduse kohta. Jälgida saab nii reaalsaja lähedasi kui ajaloosi andmeid tabeli ja graafiku kujul. Andmeid on võimalik otse veebilehelt või ka masinilistest (API) kaudu alla laadida. Kõik andmed on esitatud Eesti ajaks, kui pole märgitud teisiti.

24

145

131

73

440

Elekter:

Elektrivõrgu võrgustik

Andmed ajavahemik

10.01.2025 08:00:00

10.01.2025 09:00:00

Elektri tootmine ja tarbitmine

1500

1250

1000

750

500

250

0

Tootmine

Tarbitmine

Elektri jooksva tunni hind

34.89

€/MWh

Gasivoogude ülekandevõrgustik

40k

30k

20k

10k

0

Gasivoog

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[illegible]

The screenshot displays the 'Electricity price packages comparison tool' interface. It includes a navigation bar with 'Sample packages', 'Weekly costs', and 'User guide'. The main content area features a line chart and a sidebar with input fields and package details.

Input Fields:

- Choose the consumption address and the period:
 - MarketUse: 3
 - Consumption address: [empty]
 - Reference period: 01-2016 to 12-2016
 - Year: Last year | Last two years
 - [Submit]

Message: You can add to the comparison up to three packages. For adding a new one please remove at least one.

Line Chart: Shows the cost of electricity (EUR) during 01-2016 - 12-2016 for three packages. The Y-axis ranges from 3500 to 9000 EUR. The X-axis shows dates from Jul 16 to Jul 17.

Date	Package 1 (EUR)	Package 2 (EUR)	Package 3 (EUR)
Jul 16	4100	6200	4000
Sep 16	5100	8200	4800
Nov 16	4500	7000	4300
Jan 17	5100	7800	4800
Mar 17	4600	7000	4500
May 17	4600	7000	4400
Jul 17	5300	8200	5000

Package Details:

Package	Cost of electricity during 01-2016 - 12-2016 (EUR)	Type and cost rates of the package
Package 1	5667.69 EUR 215.32 EUR more expensive	Type and cost rates of the package: Fixed price package 12hr rate Day tariff: 5.65 s/kWh Night tariff: 5.56 s/kWh Monthly fee: 0 EUR
Package 2	8784.63 EUR 3332.26 EUR more expensive	Type and cost rates of the package: Exchange package Margin: 5 s/kWh Monthly fee: 5 EUR
Package 3	5452.37 EUR Cheapest package	Type and cost rates of the package: Fixed price package 24hr rate Main tariff: 5.36 s/kWh Monthly fee: 0 EUR

Future of Elering – Electricity, Gas and Smart Grid System Operator

Estfeed – Tool for Realizing Smart Grid

E-elering – Customer Access to Data and Services

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Thank you!