

# Energy Data Access Alliance

Kalle Kukk

Senior Advisor

[kalle.kukk@elering.ee](mailto:kalle.kukk@elering.ee)



# Why care

**As a person** – ask yourself, am I happy with my energy provider? Am I buying green energy? Do I care?

**As an energy company** – have I had trouble accessing data that I need?

**As a datahub** – do we have secure tools for consent-based data sharing?

**As a regulator** – is lack of data access keeping back innovation and hence do people and businesses have less choice?

## We're aiming to launch the Alliance by October 2020

It's for residential and commercial DSO connected data as well as for industrial TSO connected data.

The preparations are being undertaken by

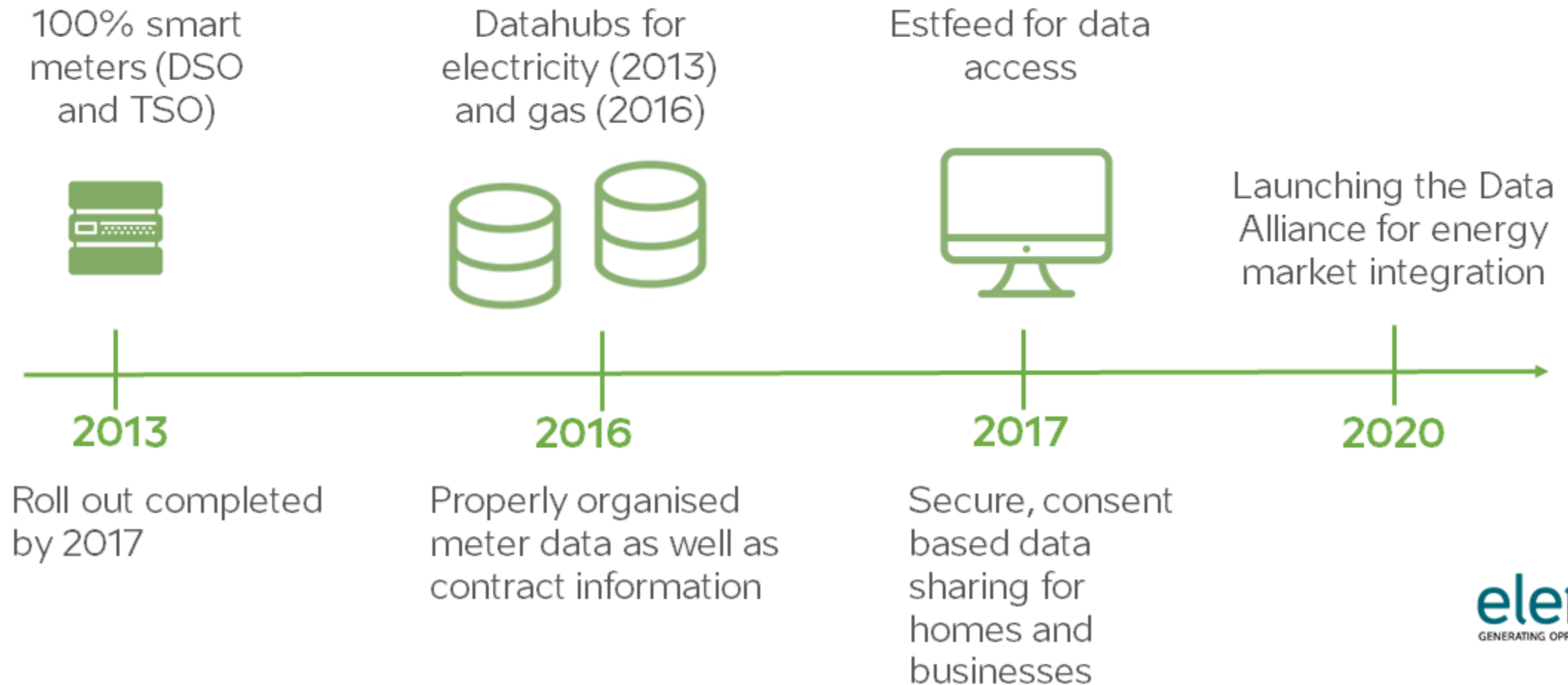
Elering - TSO  
ElectraLink — datahub, owned by DSOs  
Energinet - TSO  
ESO - DSO  
Fingrid - TSO  
Fluvius - DSO  
PSE - TSO  
REE - TSO  
RTE - TSO  
TenneT - TSO

Join us! We're open to having you onboard.



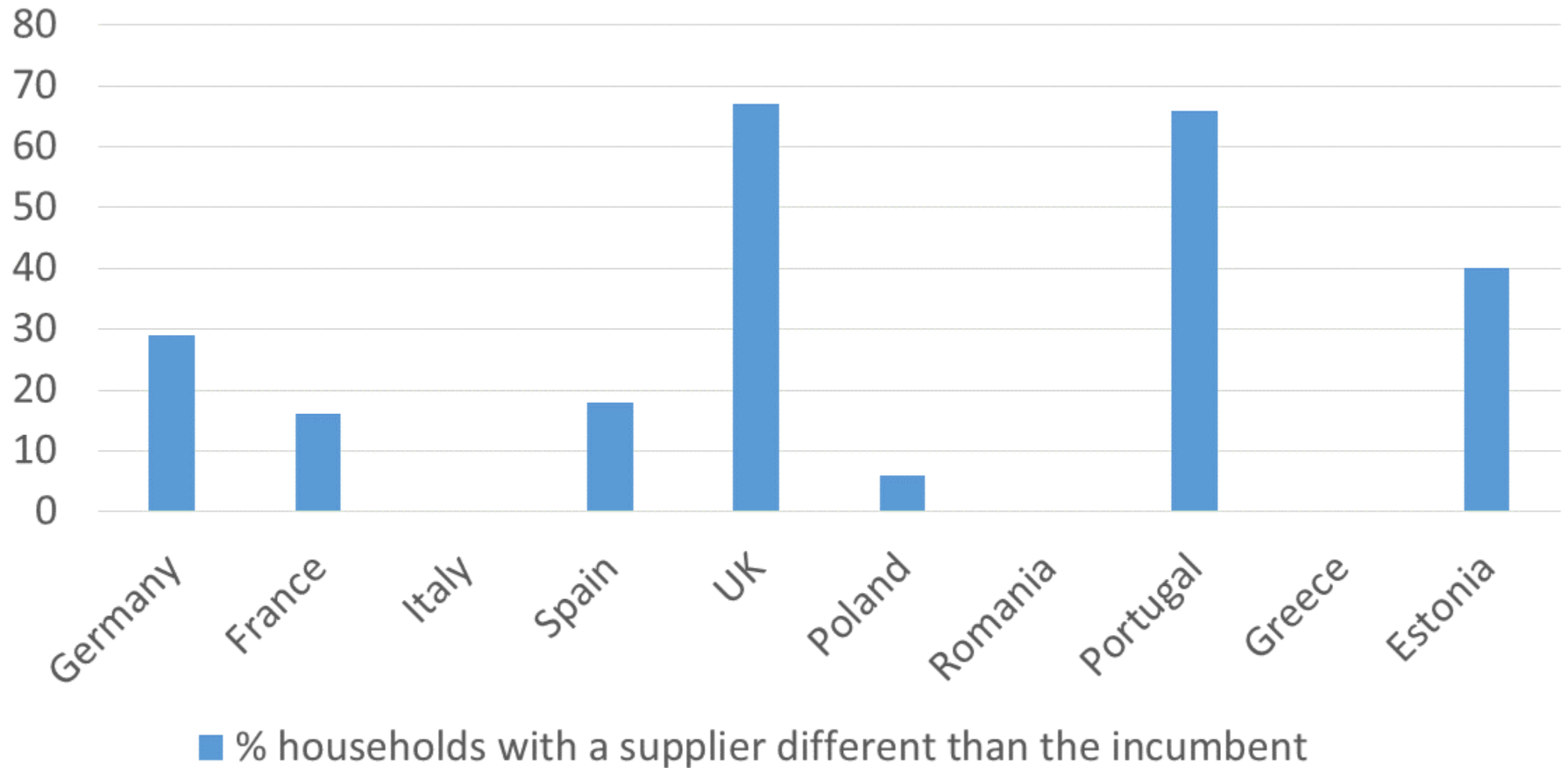
# The story so far in Estonia

Elering is legally responsible for data management in the Estonian energy markets.



## Competition on energy markets is uneven in Europe

The percentage of homes that have switched energy supplier



# Use cases and benefits of data access

	Benefit	Value in 2023
Energy retail	Targeted marketing via easier access to consumption profiles of potential customers	Did not quantify
Efficiency	Energy management audits and monitoring services; informing consumers	43 MEUR / y
Flexibility	Validation of demand response with existing meters; identifying most promising potential customers based on real load profiles	49 MEUR / y
Other innovation	Comparison tools, energy greenness audits, financing renewables	Did not quantify
IT cost	Sharing the Open Source tools to avoid building the same IT tools multiple times in Europe	126 MEUR

Pöyry (AFRY) report on the value of EU Data Bridge

<https://elering.ee/sites/default/files/public/tarkvork-konv/tarkv%C3%B5rk/P%C3%B6yry%20-%20Benefit%20Assessment%20of%20an%20EU-wide%20Data%20Exchange%20Platform.pdf>

We want to remove market entry barriers for new entrants to energy retail and services markets.

In the castle: an incumbent that makes it hard for new entrants to access data

Clean energy for all Europeans



GDPR together with Clean Energy Package articles 23 and 24 require consumers to own their data

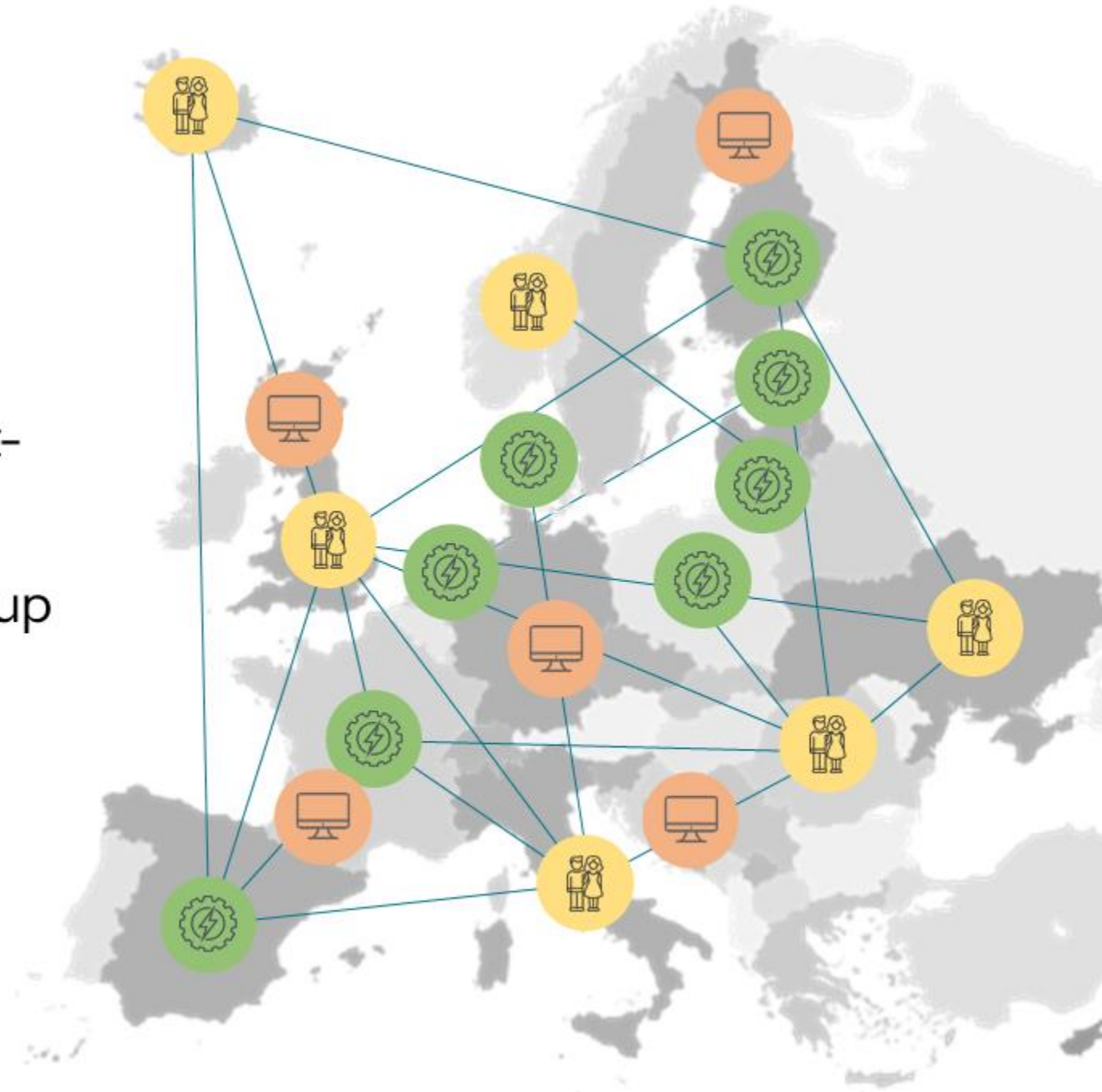
## Energy Data Access Alliance for data interoperability

Among DSOs, TSOs, anyone with datahubs.

Operates the Data Bridge for consent-based data exchange across Europe.

Consults datahubs about how to set up consent management.

Open Source  
Pan-European



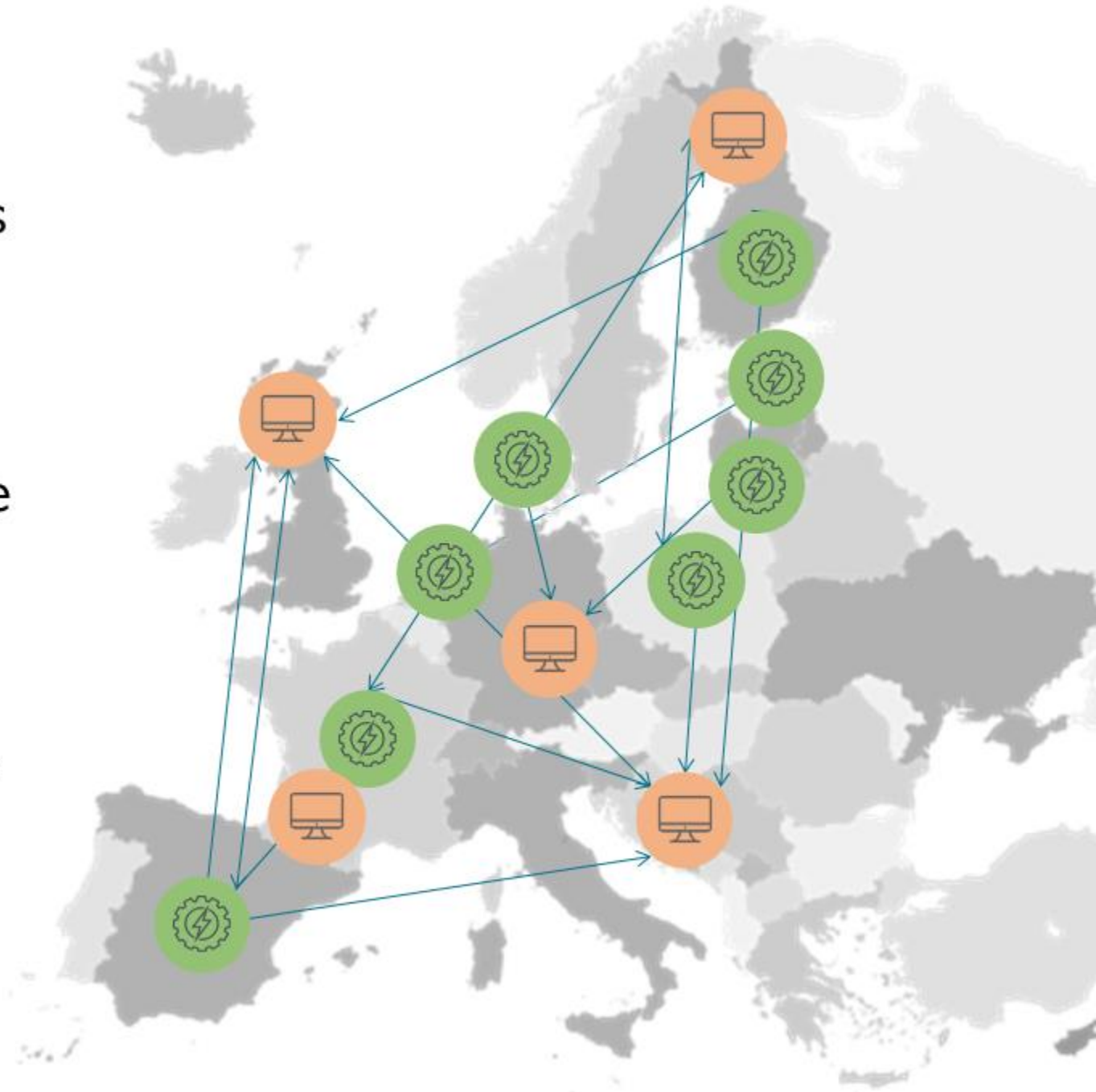


## Data flows

Data flows directly between datahubs and apps. Alliance does not see or store the data.

The Alliance provides Trust Services that enable distributed data exchange (timestamping, OCSP, registry of trusted IP addresses)

Datahubs can choose to use the Data Bridge within their country as well as internationally, or to use their existing API within-country.



# As a datahub, Why join?

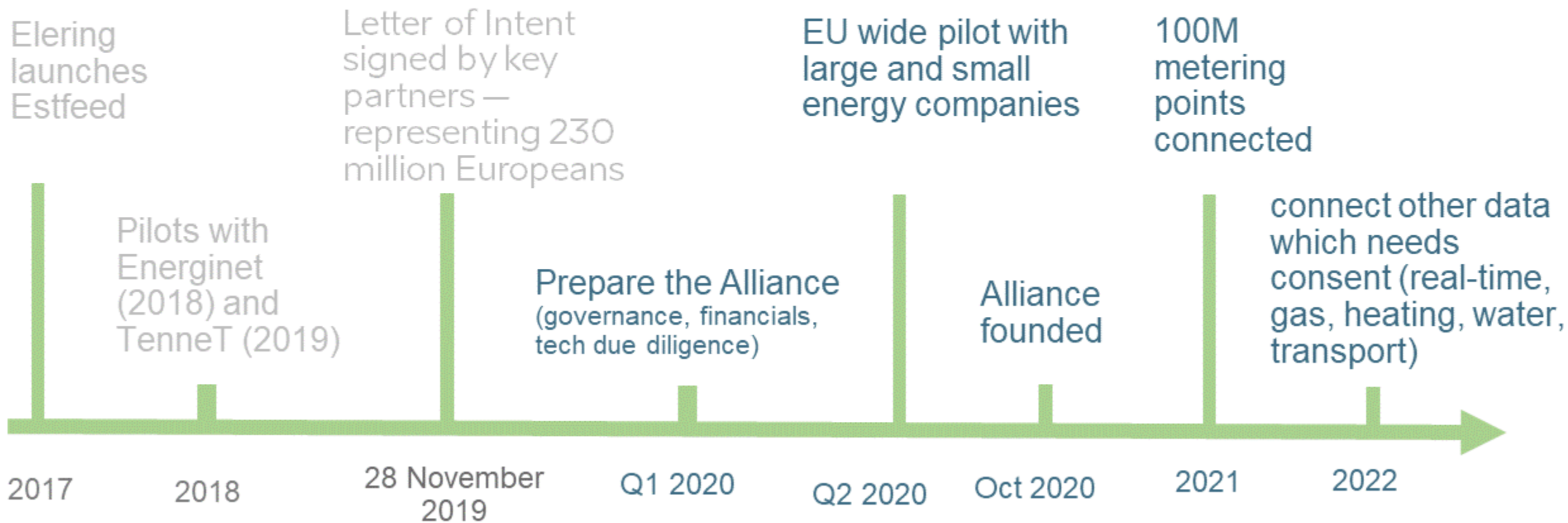
## **If we already have a consent management solution:**

Cross border data exchange. The Alliance gives your customers — people and businesses — more choice among energy services, thanks to retail market integration across EU.

## **If we do not yet have consent management:**

The Alliance offers proven, secure and scalable solution for fulfilling the legal obligation for consent based data exchange. Also retail market integration in one go.

# Next step: launch the Alliance



# Join us

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Senior Adviser  
[kalle.kukk@elering.ee](mailto:kalle.kukk@elering.ee)

