

# Control of personal data at its point of origin.



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#### SECURITY CHECK

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## What is personal data?

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#### LOCAL O DEMO company **Ξ** XLREPORTING

Imports

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  - New ..
  - Reports
  - Models
  - Imports
  - Data sets
- 🚨 My account <
- 🚯 Get help

- Excel Actuals
- Quickbooks
- Sage Online
- Forecasting
- Excel Budget

Actuals

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- Exact Online

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Your company logo goes here					🔥 Tour 🚯 He	lp
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NL	10000	2018-04	902,00	0,00	Actuals	
NL	10000	2018-05	902,00	0,00	Actuals	
NL	10000	2018-06	890,00	0,00	Actuals	
NL	10000	2018-07	895,00	0,00	Actuals	

#### DALE MCKENZIE

"Alexa wake me up at 7 o'clock tomorrow morning"

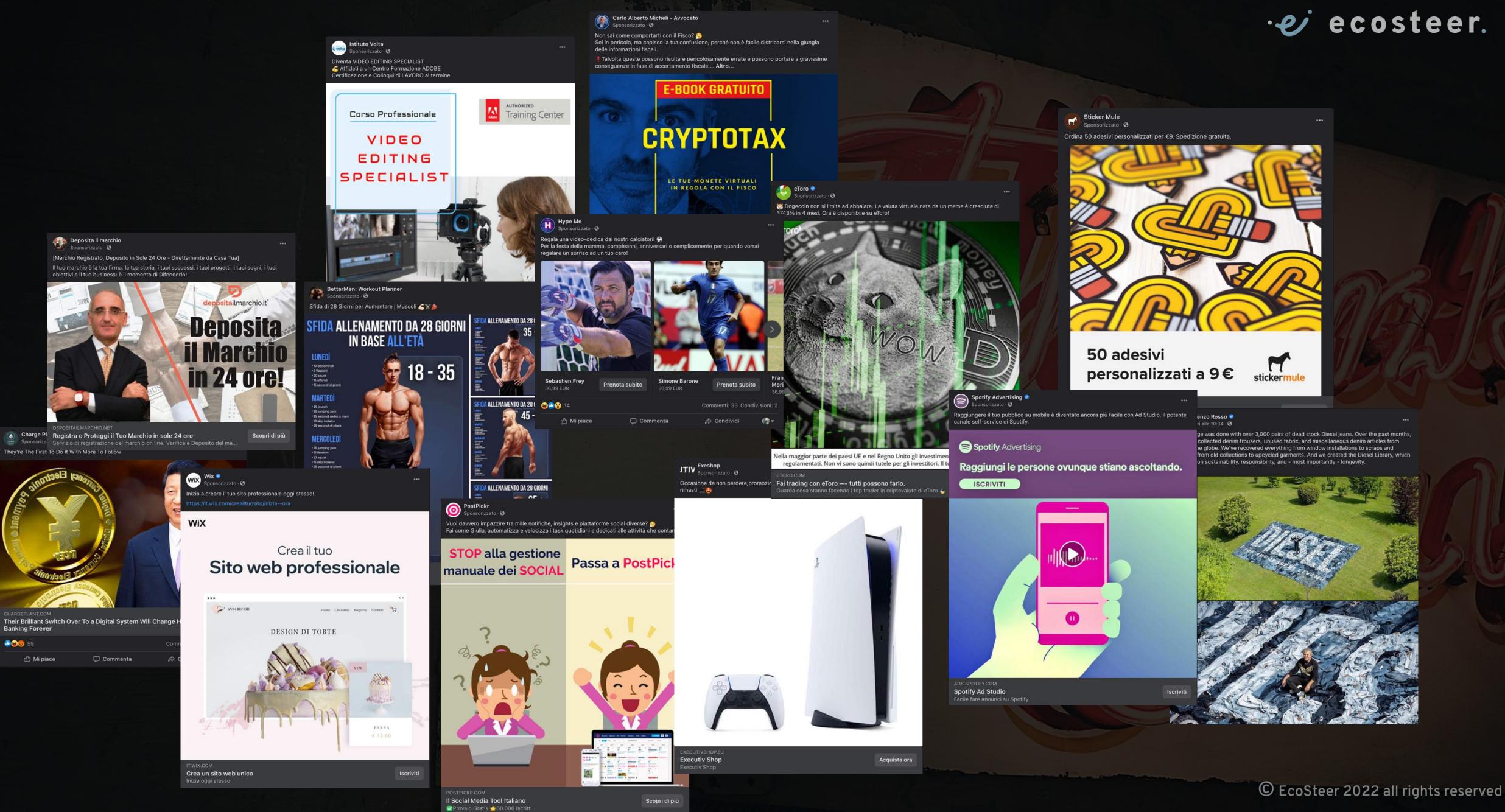


Two pairs of jeans bought with credit card number 1234567890

LESTER SCOTT

84 bpm of his heartbeat detected by his smartwatch







MARKET CAP

## The largest Companies by Market Cap in the world.





Amazon \$1.637T



Alphabet \$1.42T



#### \$916.03B Tecent

\$749.93B Tesla

Facebook \$744.83B



### THIRD PARTY DATA SHARING: GPDP (ITALIAN PRIVACY AUTHORITY) VS. VODAFONE, WIND-TRE, ENI GAS & LUCE, FASTWEB, IREN MERCATO

....[Fastweb] has violated the data protection discipline by deploying a plurality of data treatments for marketing purposes – including [....] the transmission of [consumer] data to its partners [....] in execution of commercial agreements – in the absence of a valid consent

Full transparency over data transmission chain is mandatory: one single consent at the beginning of the chain is not admissible

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(9 July 2020, [9435753])



COST OF COMPLIANCE

Consent must be given sep purpose

Privacy Laws demand a free, specific, informed and unambiguous 'opt-in' consent' for each intended use of personal data.\*

A simple "accept" button at the end of a long list of data processing purposes is NOT acceptable

\*https://gdpr.eu/gdpr-consent-requirements/



### Consent must be given separately for each data processing

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### August 6, 2019

_	It's free and always will be.
/	First name Last na
	Mobile number or email
	New password
	Birthday
	Aug \$ 5 \$ 1994\$ 🚱
	Gender
	Female Male Custom
	By clicking Sign Ma, you agree to our Terms, Data Policy Cookies Policy. You may receive GMS Nonlications from san opt out any time.

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			Business Phone	
			Website	https://adespresso.com/
			Tax ID	No tax ID
			Business Optio	ns



#### DATA MONETIZATION: ITALIAN STATE COURT (CDS) VS.FACEBOOK

The provider of an online service that commercially exploits users' data cannot present its services to the public as free; the provider must provide "sufficient information, in the registration process, about the commercial value of data and the commercial purpose pursued

The relationship between Platform and User now becomes a commercial transaction, regulated by both Privacy & Consumers' laws

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(CDS Sez.VI 23/03/21 N.2630)







## How can we reconcile Privacy with Data Monetization?

· e costeer.

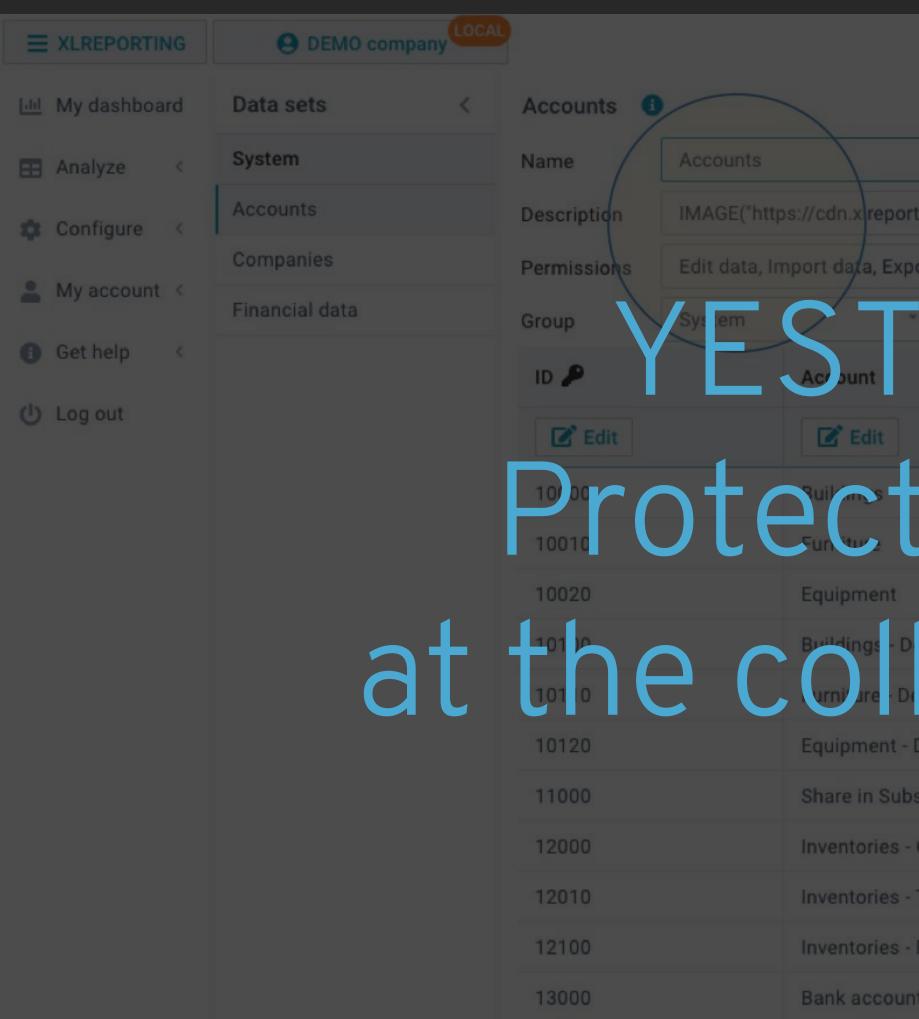
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## We need a Copernican Revolution.



To turn Privacy Laws from an obstacle into a new business opportunity





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Coffee	BS	1:Assets	3:Inventories	3	
Теа	BS	1:Assets	3:Inventories	3	
Food	BS	1:Assets	3:Inventories	3	
	BS	1:Assets	5:Banks		







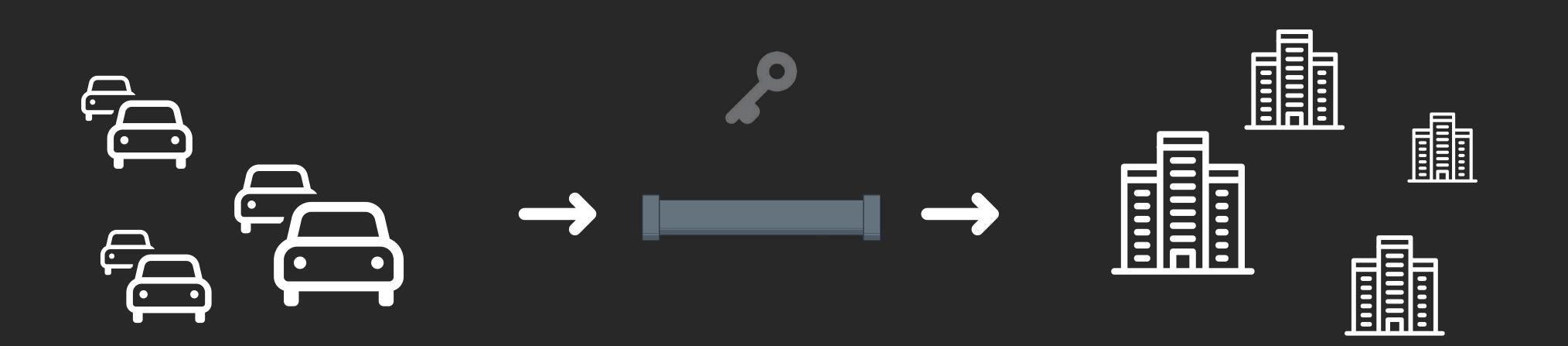
## TODAY: Protect Data Streams at the generation point

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Data sources

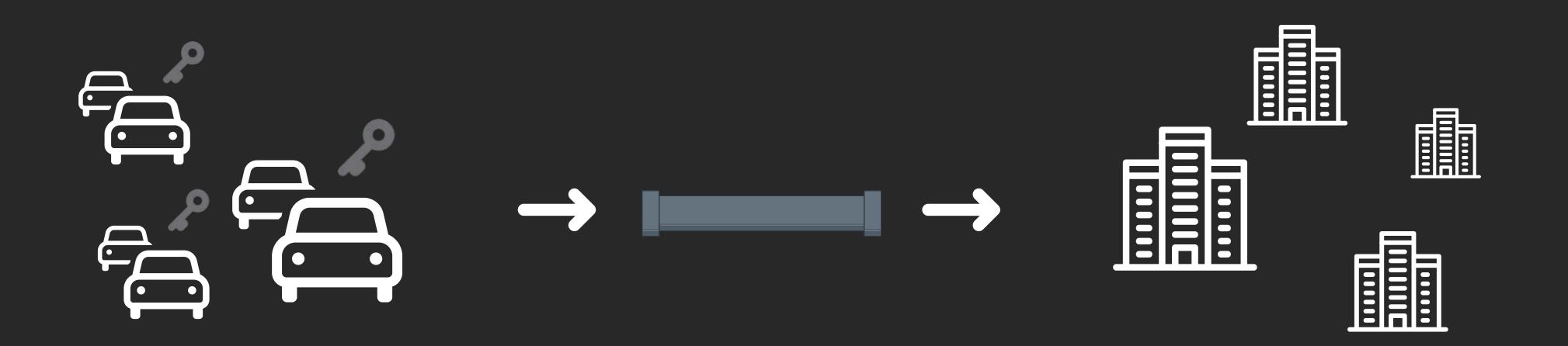


Yet control over Personal Data visibility is applied at Companies' centralized data collection & distribution points - resulting in huge costs, legal liabilities, and reduced consumer trust.

> Data Movement Platform

Data users





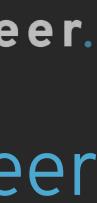
Data sources

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With a patented Multicast end-to-end Encryption Scheme, Ecosteer Data Visibility Control Overlay (DVCO) assigns data visibility control at its point of origin

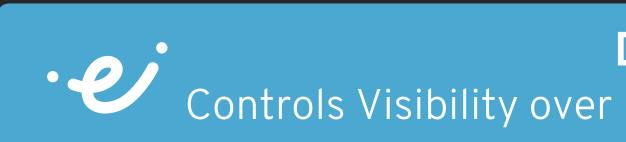
> Data Movement Platform

Data users



### **ECOSTEER INNOVATION** The DVCO is a third Data Governance Layer.

#### DECENTRALIZED



#### CENTRALIZED

#### CENTRALIZED





#### DATA VISIBILITY CONTROL OVERLAY Controls Visibility over Private Data exchanged between secured Computational Resources

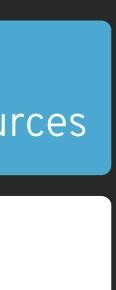
#### PRIVACY

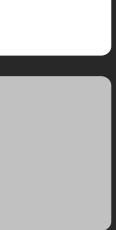
#### Protects Data Exchanged between Secured Computational Resources

#### SECURITY

Protects Computational Resources



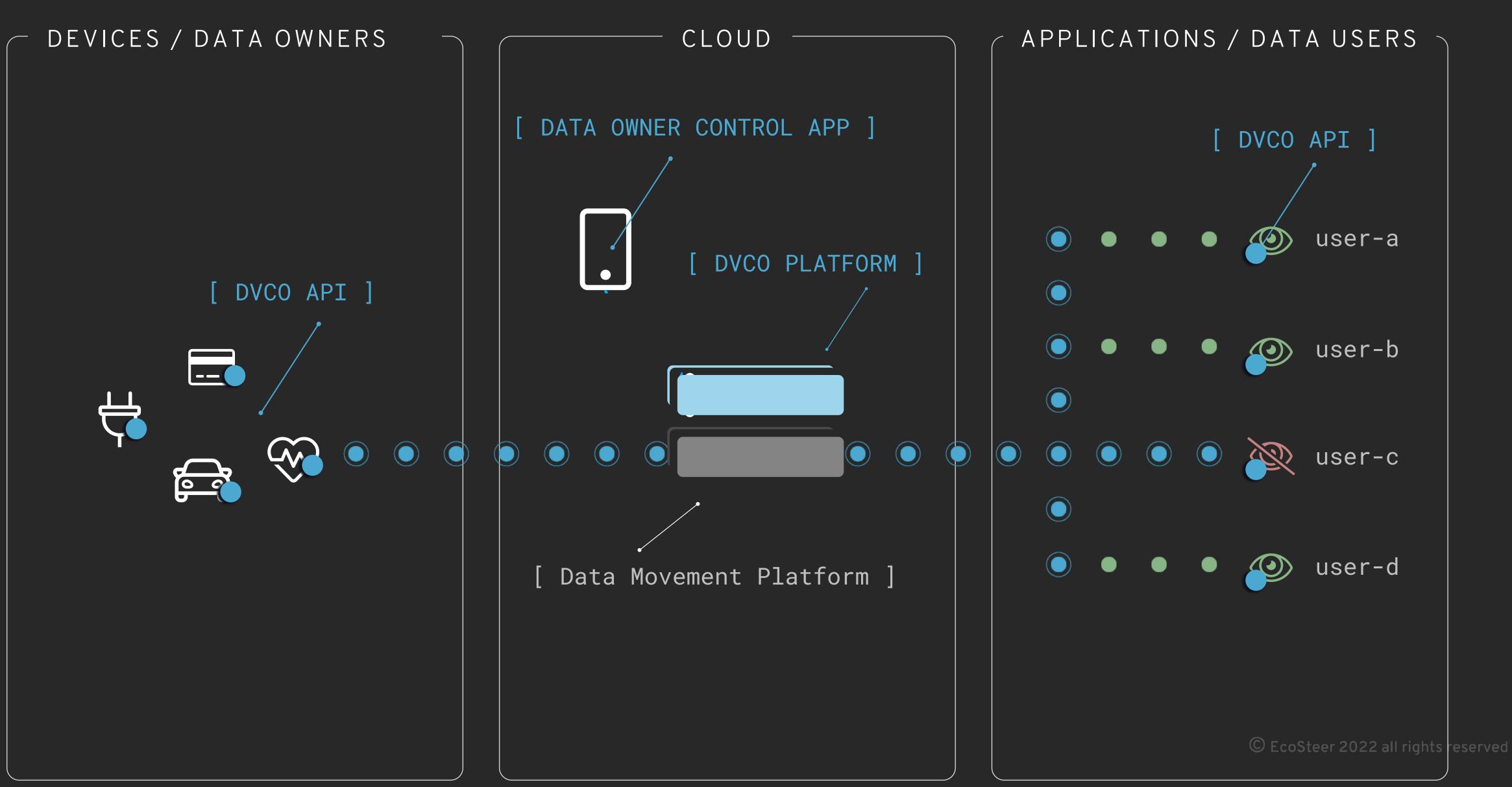








THE PRODUCT Data Visibility Control Overlay





**GRANT & REVOKE** 

## Data Owners unilaterally manage consent and retract to different kinds of usage.

ELECTRIC MOBILITY G	09 DIC 2019	GRANTED	REVOKE ACCESS
CAR MAINTENANCE R	09 DIC 2019	GRANTED	REVOKE ACCESS
INSURANCE G	09 DIC 2019	<b>NOT GRANTED</b>	GRANT ACCESS
INSURANCE F	09 DIC 2019	GRANTED	REVOKE ACCESS
INSURANCE F HR MANAGEMENT C	09 DIC 2019 09 DIC 2019	GRANTED NOT GRANTED	REVOKE ACCESS GRANT ACCESS

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EXCHENAGE DATA STREAMS WITH TOKENS

## Data Owners get rewarded for sharing their data.







EMAIL

HELENAFOSTER@ECOSTEER.COM

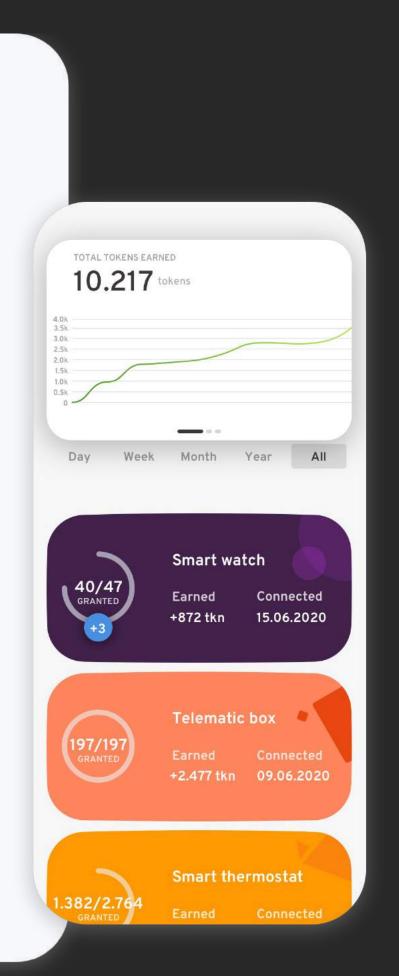
PASSWORD

\*\*\*\*\*\*\*\*\*\*

HELENA FOSTER

10.217 Account balance

48 Players subscribed **45** Granted players



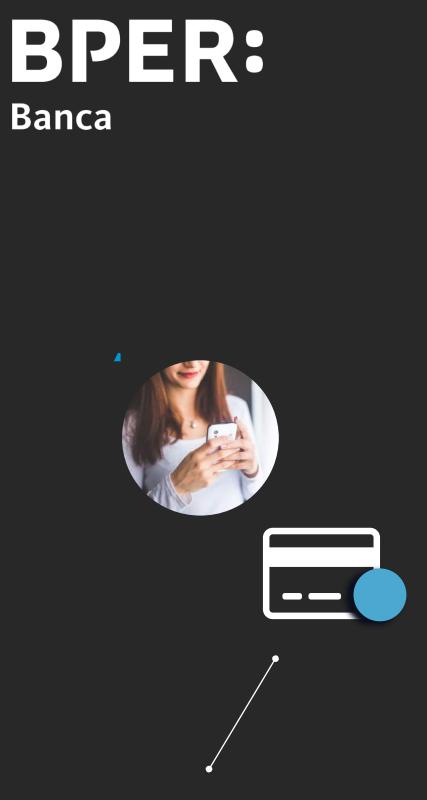
**3** Not granted players



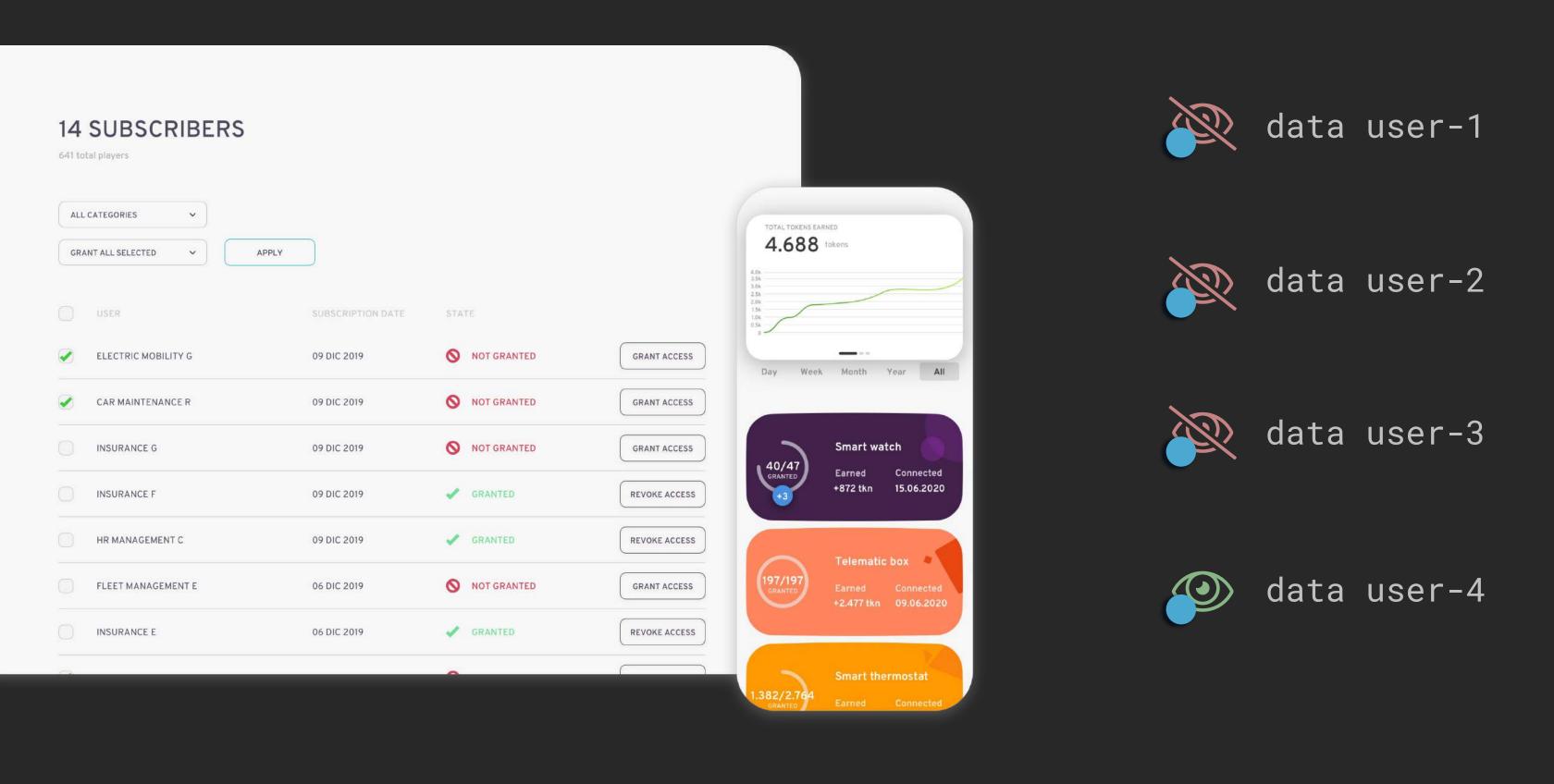
CASE STUDY: COMPLIANCE

## Internal Data Exchange.

Data owners have full control over BPER's different Business Units and Applications that want have visibility over their real time payment data, in exchange for personalized services, thus automating compliance with the GDPR.



Control access to payment data generated by digital cards



tokens

data -



• ecosteer.



CASE STUDY: COMPLIANCE & MONETIZATION

## Corporate Data Streams Marketplace.

Data Users compensate Drivers for visibility over the revenues from marketplace transaction fees.





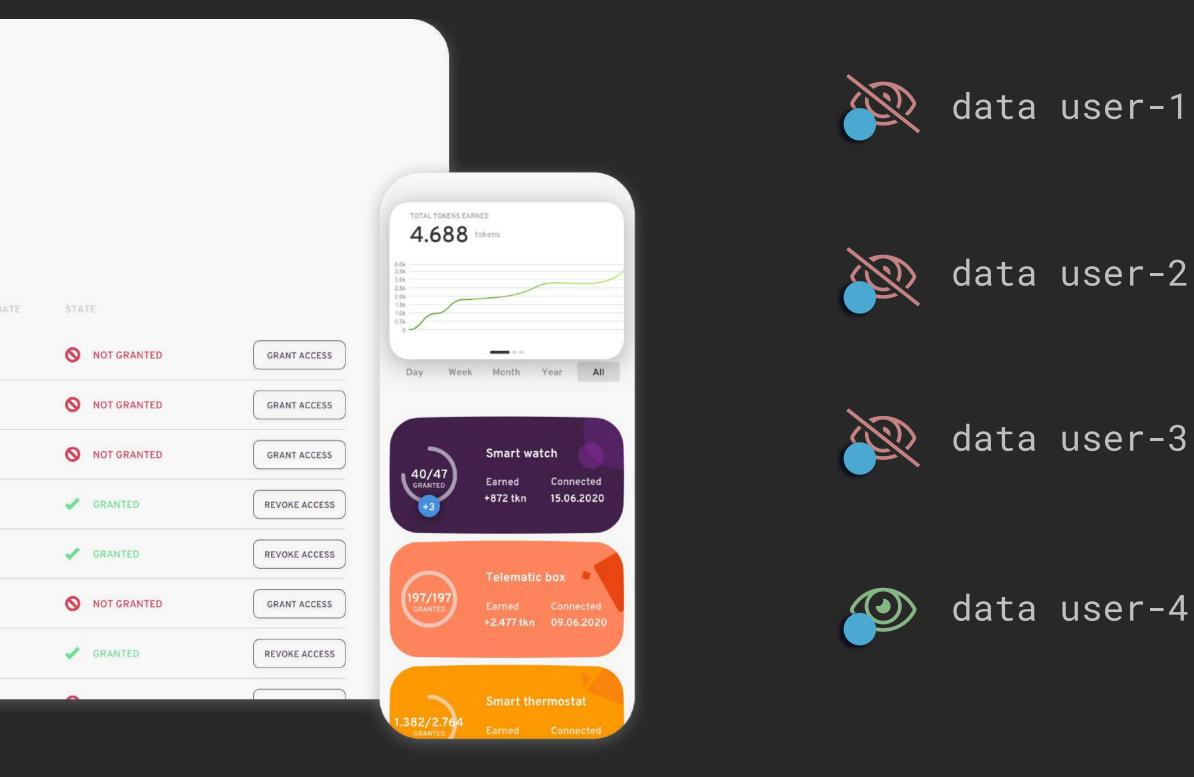
Control access to real time e-mobility data streams

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	USER	SUBSCRIPTION DAT
	ELECTRIC MOBILITY G	09 DIC 2019
<b>&gt;</b>	CAR MAINTENANCE R	09 DIC 2019
	INSURANCE G	09 DIC 2019
	INSURANCE F	09 DIC 2019
	HR MANAGEMENT C	09 DIC 2019
	FLEET MANAGEMENT E	06 DIC 2019
	INSURANCE E	06 DIC 2019

data -

tokens

#### Data Users compensate Drivers for visibility over their e-mobility data. EcoSteer Utility Client (A2A) generates





## The value of data.

Data from a single energy meter is worth between €60 (EcoSteer Focus Groups with potential data users ) and €108 (CUORA CONSULTING) per year/per data user.



せ

Data from a single car is worth between  $\leq 150$  (FIAT 2021) per year/per data user.



Training/Mindfulness/Steps Data from a single citizen is worth ca. CHF600 (CSS Insurance/Sweatcoin) per year/per data user.



Payment data from a single citizen is worth €180 (1,8% cashback, based on ESSELUNGA Loyalty Scheme) per year/per data user.



NEW REVENUE STREAM

### Data Streams Marketplaces generate value for all stakeholders. With a value of €150 per car per year/per Data User and 10 Business Partners (Data Users).

### Revenues for the Data Owner €150 x 10 Data Users = €1500/year

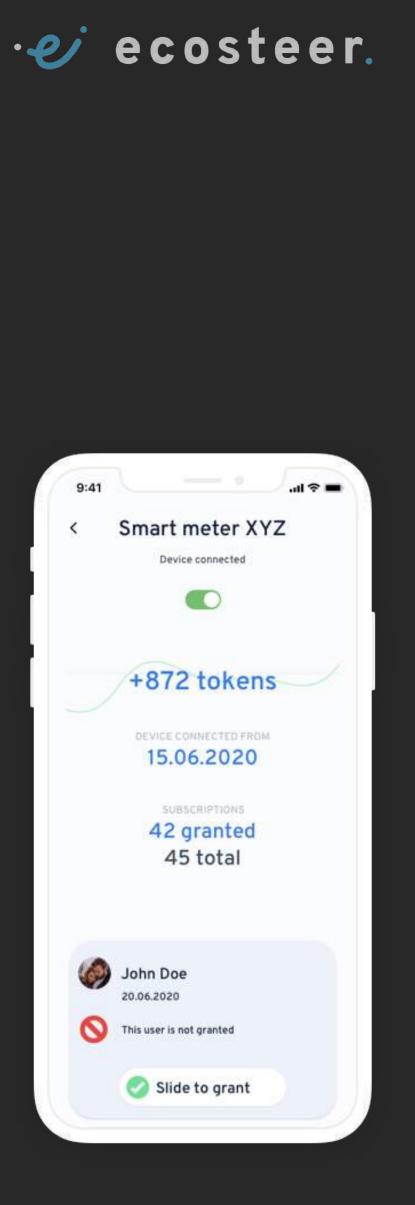
Revenues for the Company managing the marketplace

€1500 x 10% transaction fee =

€150/year from each consumer;

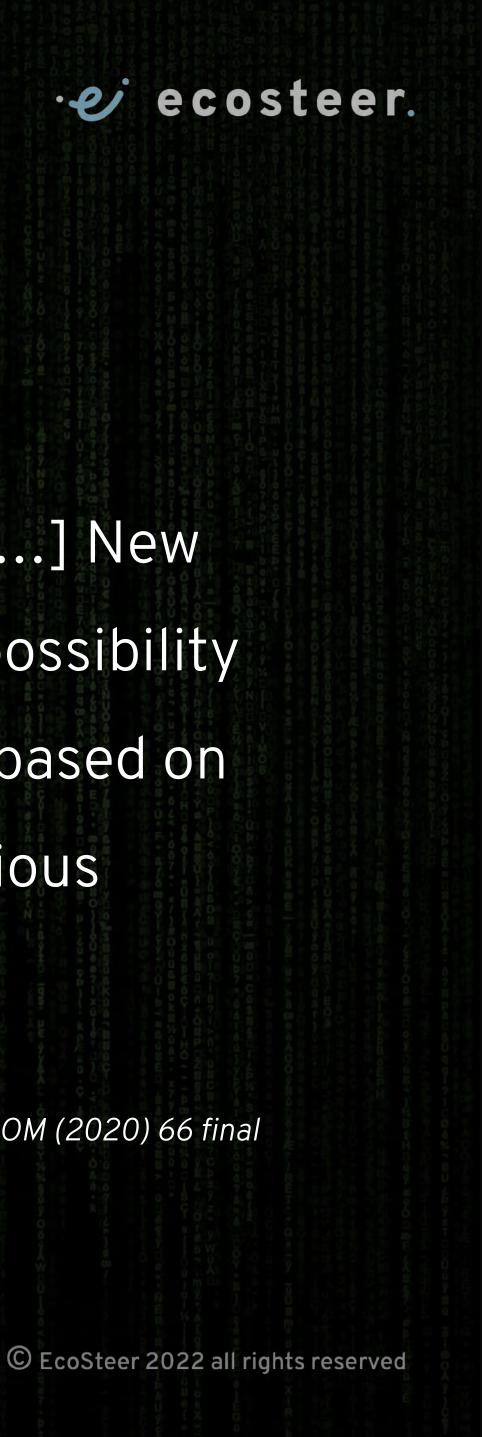
€150 x 500K consumers on the

marketplace = €75M revenues



## EcoSteer Technology is aligned with the European Data Strategy

Individuals should be [...] empowered to be in control of their data [...] New decentralised digital technologies such as blockchain offer a further possibility for both individuals and companies to manage data flows and usage, based on individual free choice and self-determination [...] along with various compensation models.



European Strategy for Data, 19/2/2020 COM (2020) 66 final

VISION

## 50BN connected devices by 2030.

installed on every connected device on the Planet

Making our patented multicast end-to-end encryption the universal means to exercise data access control

· e costeer.

## Our vision is to have the Data Visibility Control Overlay

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# Control of personal data at its point of origin.

### Thanks



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