PROSUME

decentralizing power

Milan | Rome | Barcelona

https://prosume.io | info@prosume.io

An evolving energy system

From **Fossil & Centralized** to **Green & Decentralized**

Electrification of transport, heating and other loads
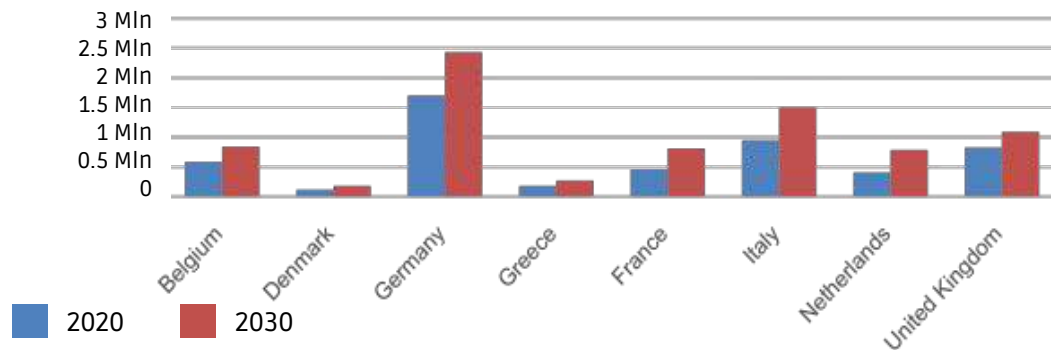
Increasing data flows

New **players**

Transition of energy system patterns
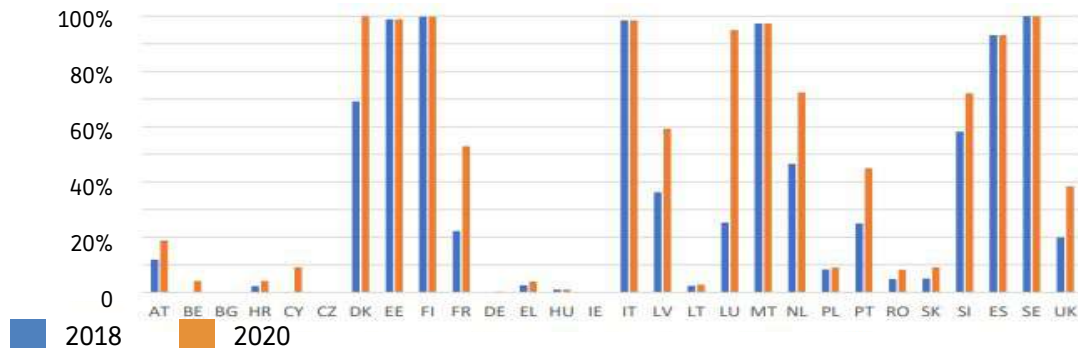
An evolving energy system

Distributed Energy Resources

Increasing Data Flows

Number of residential solar PV prosumers

Legend: ■ 2020 ■ 2030

Countries: Belgium, Denmark, Germany, Greece, France, Italy, Netherlands, United Kingdom

Study on "Residential Prosumers in the European Energy Union.
https://ec.europa.eu/commission/sites/beta-political/files/study-residential-prosumers-energy-union_en.pdf

Smart metering deployment in the EU-28

Legend: ■ 2018 ■ 2020

Countries: AT, BE, BG, HR, CY, CZ, DK, EE, FI, FR, DE, EL, HU, IE, IT, LV, LT, LU, MT, NL, PL, PT, RO, SK, SI, ES, SE, UK

Benchmarking smart metering deployment in the EU-28
https://www.buildup.eu/sites/default/files/content/mj0220176enn.en_.pdf

An evolving consumer

From Regulated to Deregulated
↘ freedom of choice

Energy consumption awareness

Digital awareness

From Product to Service
Energy Account access

Environmental awareness

Evolution of energy consumption models

An evolving consumer

The Opportunity

The Obstacle

Demand-side flexibility

Zero-Km energy

Support to grid

Renewable Energy Communities

Higher complexity

Confusion

Mistrust

Evolution of energy production models
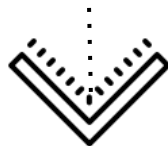
Renewable Energy
Communities

Decentralised
technologies

Energy should be a common good

Our solution

Digital Sovereignty:
Decentralized Governance
SSI & privacy

Renewable Energy
Communities

Interoperability:
Between Stakeholders
& between Blockchains

Decentralised
technologies

Flexible Infrastructure:
Modularized & Integrated tools
for Energy & Data
Exchange/Distribution

Immutable data storage:
Fostering Transparency and Trust
among participantS

PROSUME provides software tools (Toolkit) for energy community management
easily deployable by the stakeholders
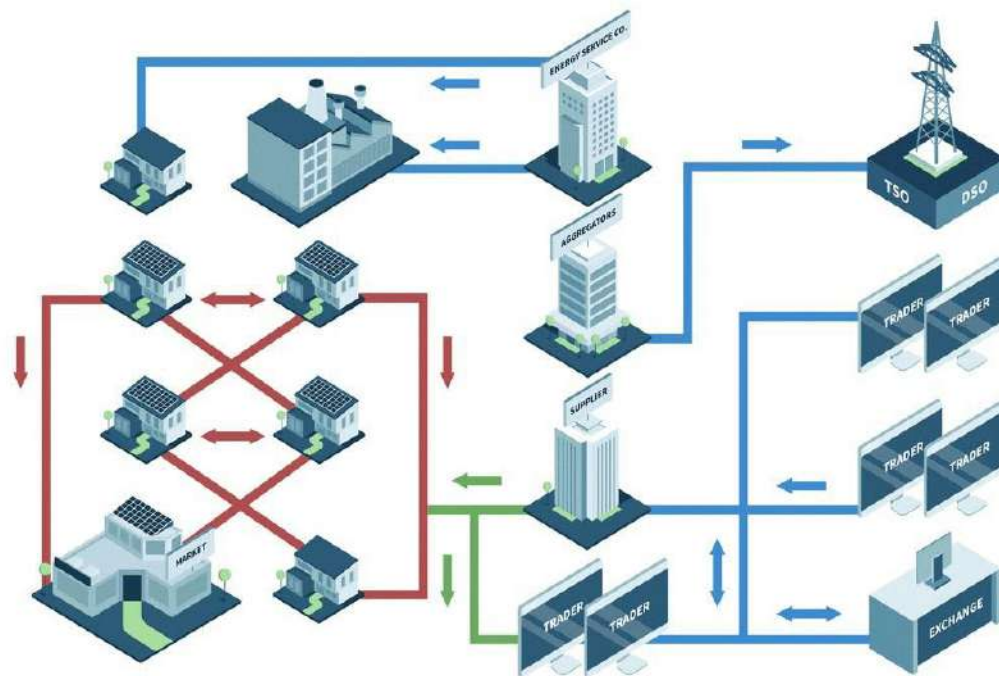
Mission: a digital single energy market

①

Regulate energy data management & settlement procedures

②

Automate the process of service & data exchange
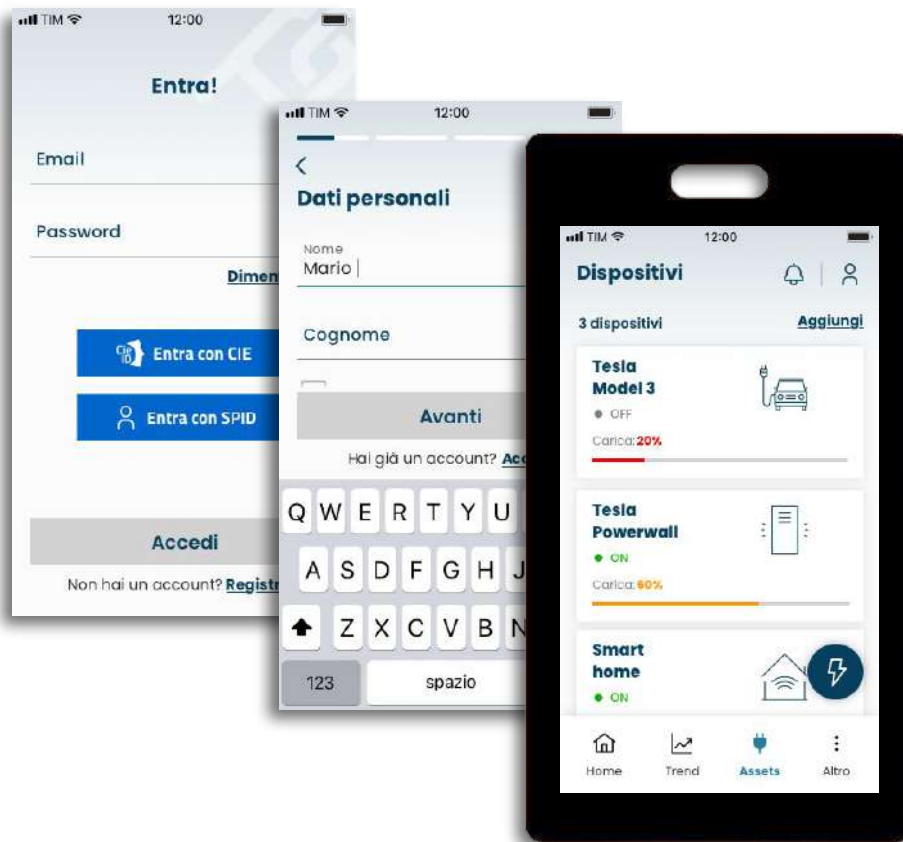
③

Support demand/response for more flexibility & grid balancing

PROSUME: Community digital layer

Interface:

1. Energy community management and other services

2. Management and monitoring of energy bills and contracts

3. Wallet management and possibility for P2P

4. Historical visualization

Value for Social Good

1 Sustainability
2 Collective Awareness
3 Sovereign Identity
4 Privacy Control

UN's SUSTAINABLE DEVELOPMENT GOALS

Affordable & Clean Energy → Renewable Energy easily accessible for all

Industry, Innovation & Infrastructure → Interoperable & resilient infrastructures

Sustainable Cities & Communities → Decentralized governance & Community aggregation

Responsible Production & Consumption → From the MWh to the service Awareness and Empowerment

LEDGER   zenroom   PROSUME   decode   NGI

Prosume: Past and future

BIRTH OF Dajie
2015

DLT APPLIED TO SEVERAL USE CASES
2017

BIRTH OF PROSUME
2018

B2B SERVICES FOR ENERGY COMMUNITIES
2019

ENERGY EFFICIENCY MANAGEMENT & SOURCE TRACING
2020

DEVELOPMENT OF THE B2C PLATFORM
2021

2022

LAUNCH OF THE B2C PLATFORM TO EMPOWER PROSUMERS

Prosume: Company Profile

2015

BIRTH OF DAIJE LTD

UK-Based innovative start-up aimed at developing DLT solutions for the energy market

2017

ENERGIE STEIERMARK PILOT

P2P energy exchange among a community of prosumers

2018

BIRTH OF PROSUME

Daije Ltd becomes Prosume and establishes its Italian presence

BIRTH OF e-PROSUME

Joint-Venture with EVOLVERE, part of the ENI Group

2019

BARCELONA ACTIVA MUNICIPALITY GRANT

Public Project for the P2P energy exchange between municipal buildings

SNAM TSO PoC

Development of a blockchain powered Gas Trading Platform

2020

LEDGER PROGRAM

EU Assignment of a Grant for the development of Energy Commons Protocol that includes: Data Structure, Communication Protocol and DLT Layer

EU H2020 AWARDS

Prosume won the Blockchain for Social Good Prize + Participation in the European DLT4EU program

2021

NEW SERVICES

EaaS Ledger installed in Eataly Spa, in partnership with Wattsdat

Energy Source Tracing platform launch

Energy Community partnerships

Prosume: Company Profile

Mattia
DE VECCHI
CEO

Alex
D'ELIA
President

Pierluigi
MAORI
CTO

Massimo
FERRONATO
CTO

Alessia
BORGE
Country
Manager
Spain

**Daniele
Morisco**
CFO

Miquel
de la Mano
Product
Owner

Giovanni
QUAGLINO
Marketing
& Product
Strategy

Francesco
VISCONTI
Data
Scientist

Giacomo
BERETTA
Business
Development

Luisa
CANDIDO
PM & Business
Developer

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