

TOWARD ZERO-EMISSION BUILDINGS

PROBLEM

ENERGY SOURCES OPTIMIZATION

Increase energy efficiency of buildings
Reduce waste of clean energy

RENEWABLE ENERGY COMMUNITIES¹

Community of citizens selfproducing and selfconsuming energy on site

1. EU RED2 directive (2018) https://ec.europa.eu/energy/topics/renewable-energy/renewableenergy-directive/overview_en



SOLUTION

FIND THE OPTIMAL SETUP



SUGGEST IMPROVEMENTS



PRODUCT



BUILDING MANAGERS

ENERGY UTILITIES

PUBLIC BODIES



COMPANIES

ENERGY MANAGERS

BUILDING OWNERS

MARKET

ITALY (2021-2025)

https://www.infobuildenergia.it/approfondimenti/evoluzione-mercato-elettrico-italia,

SIMILAR APPLIESTO ALL EU COUNTRIES

https://www.rescoop.eu/uploads/rescoop/downloads/Collective-self-consumption-and-energy communities.-Trends-and-challenges-in-the-transposition-of-the-EU-framework.pdf

3.5
GIGAWATT NEW
PHOTOVOLTAIC
SYSTEMS

4.6

BILLIONS

ANNUAL

TURNOVER

20.000

NEW RENEWABLE ENERGY COMMUNITIES 1.3
MILLION
NEW BUILDINGS
IN RECS



COMPANY

MISSION

Reduce the **carbon footprint** of factories and buildings

TOOLS

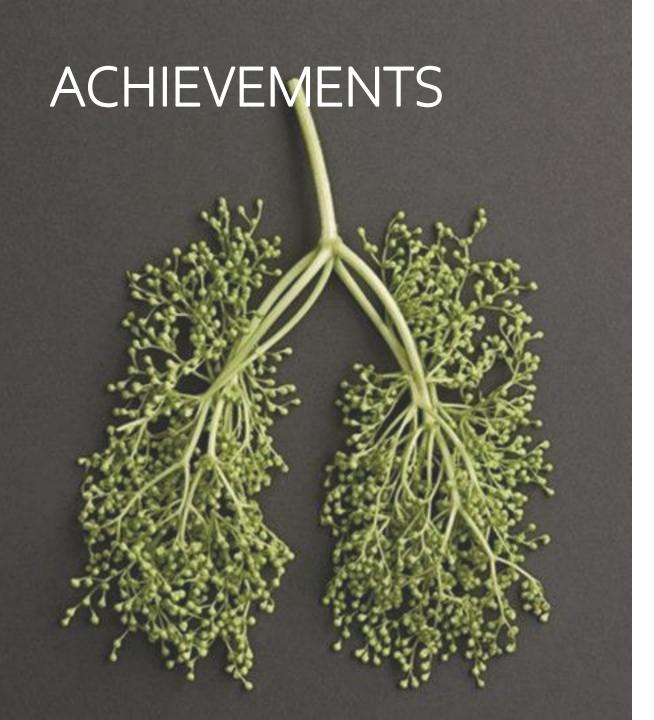
Offer smart solutions for **energy monitoring** and **analysis**



8
PARTNERS

4 AGENTS

11 EMPLOYEES





CALZEDONIA GROUP







CALZEDONIA INTIMISSIMI TEZENİS FALCONERI SIGNORVINO

















INDUSTRIAL **CLIENTS**

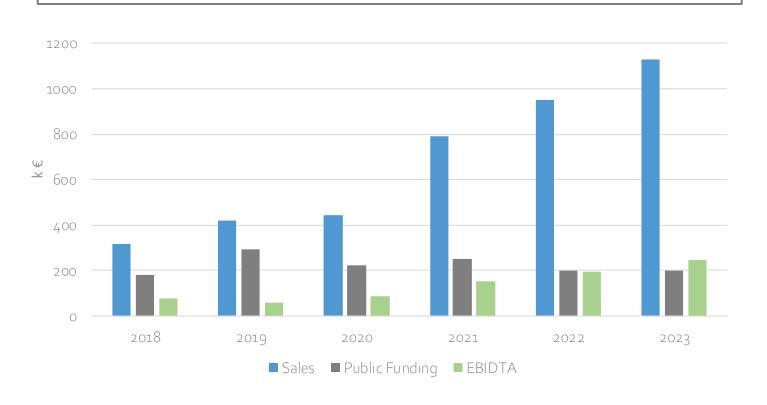
TERTIARY **CLIENTS**

LESSTONS CO₂/YEAR

BILLION DATA POINTS/YEAR

BUSINESSPLAN













COMPETITORS

ITALY

Maps Group (ROSE – Energy Community Platform)

WORLD

CSEM (Maestro) HOMER Energy (Homer) R&D (GridFriends)

