



SUSTENERGO
CERTH spin-off

Energy Systems Modeling and Sustainability Analytics

sustenergo.com
info@sustenergo.com

Dr. Paraskevi Giourka, CEO



CERTH
CENTRE FOR RESEARCH & TECHNOLOGY HELLAS



CPERI
Chemical
Process and
Energy
Resources
Institute



How to accelerate the transition to a sustainable energy future by enabling

Efficient and reliable operation of RES from initial planning to ongoing optimization and emergency response.

Maximize RES benefits while minimizing its environmental impact through innovative approaches to data analysis, machine learning, and real-time monitoring

Empower our clients to make informed decisions that optimize energy efficiency, reliability, and environmental performance

Enable businesses, governments, and communities to reduce their carbon footprint and achieve their sustainability goals through data-driven insights and innovative solutions.





Offer cutting edge, interoperable computational tools for

Real-time IoT energy analytics for building/district lifecycle analysis and costing

Precise, multi-carrier energy system modelling for buildings, districts, grids and beyond

Comprehensive evaluation of urban sustainability projects

Day-ahead optimization and emergency decision support for smart grids





Key Features



LCA & LCC



BEMS



**Investment
Planning**



IoT



SCADA



**ETS
Integration**



**Different
energy
networks**



Level(s)



**14040/14044
15686-5**

Who is it for?



**Building managers, Real estate developers, Urban planners, Energy planners, Consultants, Energy companies, Aggregators,
Power utilities, Governments and regulatory bodies**



Key Features



**Automatic
weather data
input**



**Standardized
data
formats**



BIM-to-BEM



**Energy
System
Design**



**Grid
modeling**



**Web
Interface**



**Synergies
between
energy vectors**

Who is it for?



**Building designers, Engineers, Urban planners, Energy companies, Aggregators, Power utilities,
Governments and regulatory bodies**



Key Features



**Sustainability
Performance
Metrics**



**Custom
Project Evaluation
Criteria**



**Cross-sector
simulations**



**Community/ City
Sustainability Goals
Benchmarking**

Who is it for?



Local authorities, Decision making bodies, Real estate developers, Urban planners, Energy communities,



Key Features



**Advanced
Model Predictive
Control**



**Smart Grid
Optimization**



**Day-ahead
Planning**



**Resilience & Emergency
Management**

Who is it for?



**Energy communities, Smart and micro-grid operators, Energy companies, Aggregators, Power utilities,
Governments and regulatory bodies**

Value Proposition



Environmental and cost savings arising from energy upgrades and de-carbonization measures

Brand value for competitive differentiation for innovative, sustainable business growth

Informed design options & optimization strategies for energy management at both building and district levels

Enhanced decision-making capabilities for sustainable energy planning, resilience & emergency management

Policy advocacy and regulatory compliance at local, national, and international level



BUILDING LEVEL – VERIFY-B has been demonstrated in RINNO project

DISTRICT LEVEL - VERIFY-D and USE is currently being demonstrated in the Lighthouse Cities of :

- **Evora** (PT) & **Alkmaar** (NL) in the SCC project **POCITYF**
- **Dijon** (FR) & **Turku** (FI) in the SCC project **RESPONSE**



Go-to-Market Plan



Customer Segments

Energy industries

TSOs, DSOs, Power Utilities

Renewable Energy Developers,
Planners



Customer Acquisition

Social Media Presence

Conferences, Events, Webinars

Pilot Demonstrations

EU wide network



Growth

Scalable processes

Interoperable tools

Supportive systems

Pricing Model



Value-based tiers

1 month free trial

6-12 month subscription plans /
price per m²

Additional features per tier



Support & Training

Help Centre & Customer Support

Online consultancy

Educational licensing models

Academy Training Access



Add-on services

AI-based add-ons

Private Data Management

Input data entry

Customized modules

Development Roadmap



2023

- Minimum viable product
- Product Validation
- Product Improvement

2024

- Product Demonstration**
- Marketing Strategy & Branding**
- Market Entry & Launch**
- Monitoring of user feedback**

2025

- Growth and Scaling
- Expand customer base
- Expand the team
- Seek additional funding





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Thank you for your attention!

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