



Grid Deep
Assessment

InnoEnergy Boosting Actions: Our Experience

00. InnoEnergy Boosting Actions

Agenda



1. Eneida.io

2. Entrepreneurship Support

3. Boosting Areas

4. Conclusions, Q&A

01. ENEIDA

Our Purpose: Deep Grid Assessment

Collaborative Energy IoT Platform for the Optimization of the LV Network

01. Eneida DeepGrid® Platform

Optimization of the LV Network

The combination of Eneida's Smart Sensors Networks with Machine Learning Algorithms and a Collaborative Software allow for a significant improvement in Asset Productivity, Efficiency, QoS and Risk reduction in the Energy sector.



Smart Sensors



Data Analytics



Collaborative Software

01. **ENEIDA**
The Opportunity



01. DeepGrid®

Low Voltage Network Optimization



- A suite of specially designed low cost, low power, easy to install (“live”), wireless Smart Sensors
- Cover the main issues of LV Networks: V and I, Freq., Fuses, Earth, Theft, Access, Link Boxes, Partial Discharges, Temp., Humidity, Fire, Floods, Ventilation
- Integrated with specific Machine Learning Algorithms for Optimization and a Collaborative Software.

01. DeepGrid®

Low Voltage Network Optimization



- Collaborative Software for asset management, including alarms and recommendations algorithms;
- Mobile App, for local communications with smart sensor (Bluetooth);

Benefits:

QoS (automatic alerts for services breakdowns, Fuses, V and F bands), Energy Efficiency (Technical and Non Technical, HD), Effective Life Extension / Investment Optimization (Phase Unbalances, Loads, HD, Capacity), EV Integration, DER Integration.

02. Entrepreneurship Support

Highway and Boostway Programs

-Highway Program -Boostway Program -Selection Process



03. Boosting Areas

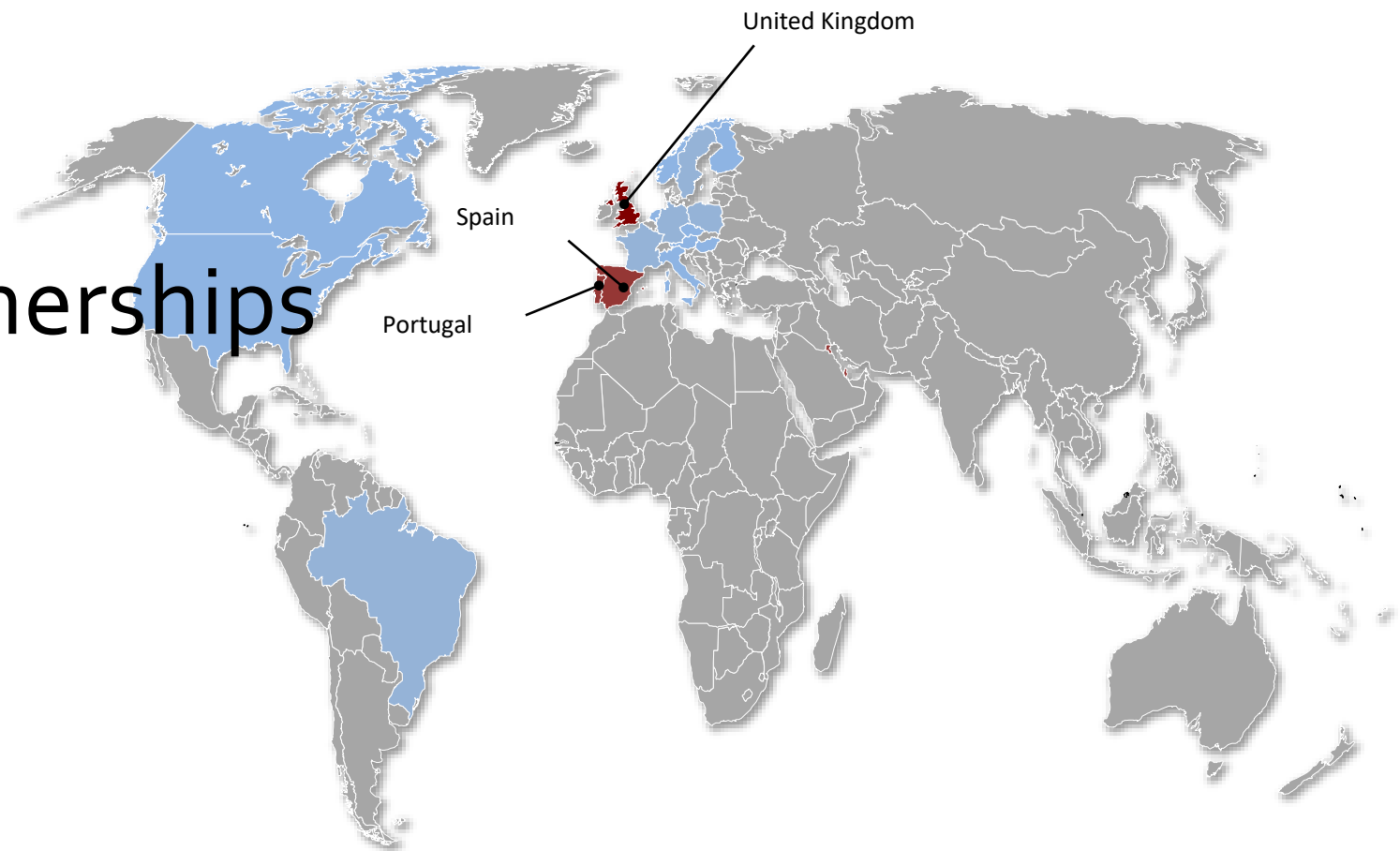
Summary

- Financing

- Innovation Partnerships

- Sales

- Community



03. Boosting Areas

Get Financing



- Activities Support:
 - Business Plan;
 - Product Development & Delivery;
 - IP Rights Protection;
 - Team Complementation;
 - Marketing and Sales.
- Venture Capital Community
- Investment Round
- Partnerships w/ Large Companies

03. Boosting Areas

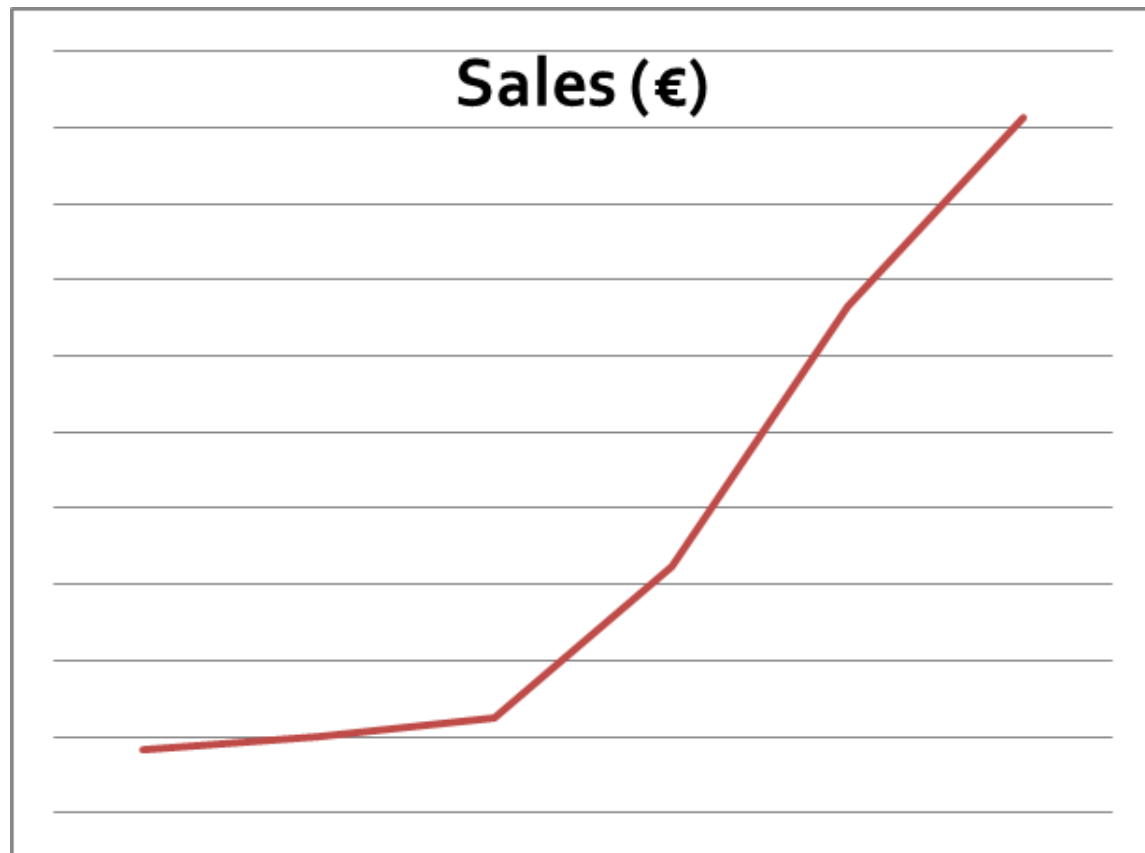
Innovation Partnerships – Accelerate Product Launch



- Universities
 - R&D Projects
 - MSc Thesis
 - Summer Internships
- Large Companies:
 - Innovation Projects
 - Reverse Pitch

03. Boosting Areas

Increase Sales



- Country Support
 - Local Knowledge & Experience
 - Contacts
 - Meetings
 - Distribution Partnerships
 - Trade Fairs
- Training
- Advisors
- TBB

03. Boosting Areas

Community



- Support Network
- Country & Sector Experience
- Universities
- Workshops
- Brainstorms
- InnoEnergy People
- Highway and Boostway Companies



Thank you

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Supported by



InnoEnergy