OC2 Evaluation Report

March 2023

Lead: FundingBox (FBA)
Version: v.1.00
Classification: Public

www.i-nergy.eu

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Abbreviations

EC: European Commission
SME: Small and Medium Enterprise
FSTP: Funding Support to Third Parties
OC: Open Call

Executive Summary

This Deliverable presents the results of I-NERGY 2nd Open Call closed on 12th December, 2022 at 17:00 CET (Brussels Time).

Results were published on project website as the official announcement of the 2nd Open Call Beneficiaries.

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1 Introduction

The 2nd Open Call closed on 12th December, 2022 at 17:00 CET (Brussels Time). The call was published on the project website and was available through the following online form:

https://i-nergy-2-oc.fundingbox.com/

During the corresponding 9-month Tech Transfer Programme, selected beneficiaries have the goal to develop new services on top of existing technologies (Minimum Viable Products) addressing specific cross-sectorial challenges within the Energy sector or an energy-related domain. The services are being developed and tested within a pilot setting in order to get to a fully functional stage with produced assets being published on Europe's AI on-demand platform. The programme includes mentoring services and a maximum amount of financial support for each third party of up to 100.000 EUR.

- A total of 80 proposals from 26 EU and Associated Countries were submitted for the call.
- All 80 proposals were eligible and passed on to the prescoring phase.
- 55 Proposals passed the threshold after Prescoring and passed on to External Evaluation.
- 37 Proposals passed the threshold after External Evaluation and passed on to the Consensus Meeting.
- 15 proposals were selected by the Selection Committee during the Consensus Meeting and 3 proposals were confirmed for the reserve list.
- 15 Proposals passed the formal check and signed the Sub Grant Agreement with I-NERGY.
- The Final List of 15 FSTP Beneficiaries is presented below.

Figure 1 - 2nd OC results

2 List of beneficiaries selected in 2nd Open Call

Project name	Project scope	Country	Consortium	Areas of experimentation
AI Flex in Edge	AI forecasting algorithms for Flexibility in Edge	Spain	Barbara IoT S.L. / Cuerva Energia SL	AI applications in energy ; Monitoring, energy usage optimisation
AI4CZC	AI approach for prediction of cross zonal capacity	France / Montenegro	Inceptive / Crnogorski elektroprenosni sistem AD	AI applications in energy
AI4HELIOS+	AI as a Leverage for High Efficiency Lighting	Spain	Connecthink Innovation / Interfaces Hombre Máquina Avanzados S.L.	AI applications in energy ; Monitoring, energy usage optimisation ; Predictive maintenance ; Demand forecast
AI4Hydro II	Extending the remaining useful life of hydro turbines	Germany / Austria	AvailabilityPlus GmbH / Salzburg AG	Data governance and data valorisation for energy services ; Analytical applications in energy ; Predictive maintenance
AIRGo	AI for Real Grid Operations	France	ARTELYS SAS / Réseau de Transport d'Electricité (RTE)	AI applications in energy ; Analytical applications in energy

ARIA	An AI-based tool for providing improved short-term wind forecasts to the wind energy sector	Italy	Amigo s.r.l. / ANEV - Associazione Nazionale Energia del Vento	AI applications in energy
CNROpt	Charging Network Rollout Optimization	Cyprus / Croatia	SLOA LIMITED / University of Zagreb Faculty of Electrical Engineering and Computing (UNIZGFER)	AI applications in energy ; Demand forecast
EMERGENT	a usEr-driven energy Management systEm foR enerGy Efficiency iN faciliTies	Greece	PLEGMA LABS TECHNOLOGIKES LYSEIS ANONYMOS ETAIRIA / MANIFEST SERVICES S.A.	AI applications in energy ; Analytical applications in energy ; Monitoring, energy usage optimisation ; Demand forecast
E-ModelOps	Open data, model and digital tools to forecast distributed energy systems	Sweden	Rebasian Technologies AB / Modity Energy Trading AB	AI applications in energy ; Analytical applications in energy ; Demand forecast
FlexyGrid	Smart Energy Management platform based on AI-IoT Blockchain for effective network integration of Renewables and quick Green Transition	Italy	Techbricks S.r.l. / Futura S.r.l.	AI applications in energy ; Data governance and data valorisation for energy services ; Monitoring, energy usage optimisation
GEM-GREEN	Genius Energy Manager exploiting Gamification in Retail through Employees Engagement	Italy	Energenius S.r.l. / Calzedonia S.p.A.	AI applications in energy ; Monitoring, energy usage optimisation ; Demand forecast

GRIDouble	Next Generation Energy operational digital twins	Serbia	Vodena / Noleko	AI applications in energy ; Monitoring, energy usage optimisation ; Demand forecast
SPIRE	Making the most out of solar energy assets in a secure, data-driven manner	Greece	Plaixus Idiotiki Kefalaiouchiki Etaireia / ELVAN ANONYMI VIOMICHANIKI KAI EMPORIKI ETAIREIA SYSTIMATON STIRIXIS	AI applications in energy ; Predictive maintenance
SuperPower v2.0	First automated data value chain in power line inspections thanks to the use of super-resolution algorithms and long-range drones	Spain	FuVeX Civil SL. / ATLAS Innovative Engineering SL	AI applications in energy ; Predictive maintenance
THRUST-AID	AI Diagnostics for aerial electricity grid inspections	Lithuania	UAB AeroDiagnostika / Litgrid, AB	AI applications in energy ; Analytical applications in energy ; Predictive maintenance

3 Overview of the selected Beneficiaries list

All selected proposals were submitted by consortia of 2 members (mandatory), made up of **a technology service provider/developer** (SME) and **an infrastructure provider/data owner** willing to implement an energetic solution (any entity).

Selected third parties represent **12 European Countries** with highest number from Italy and Spain.
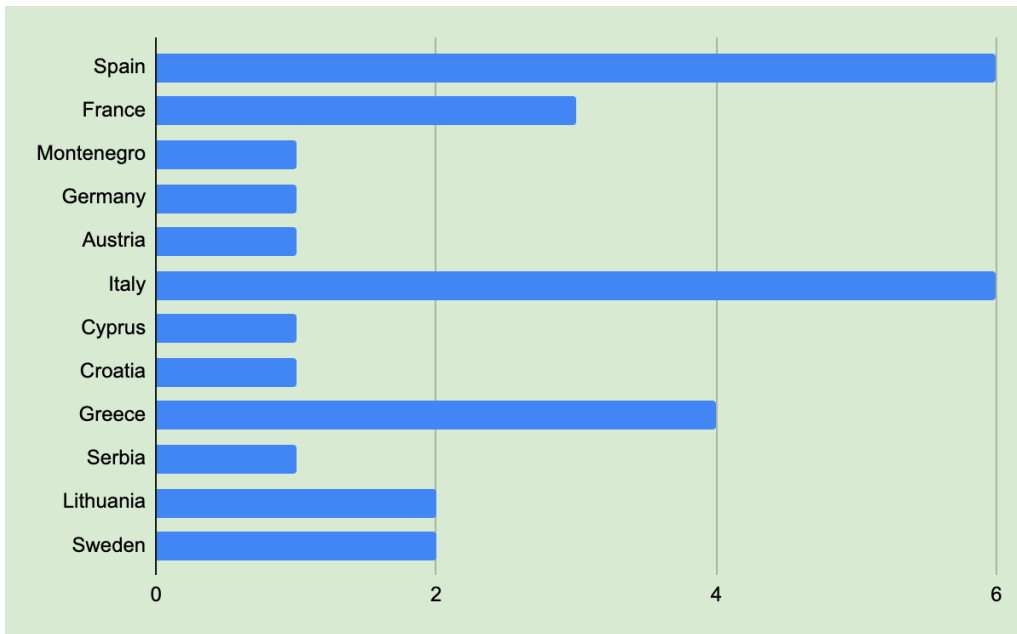
Figure 2 - 2nd OC Beneficiaries (consortium partners) by country

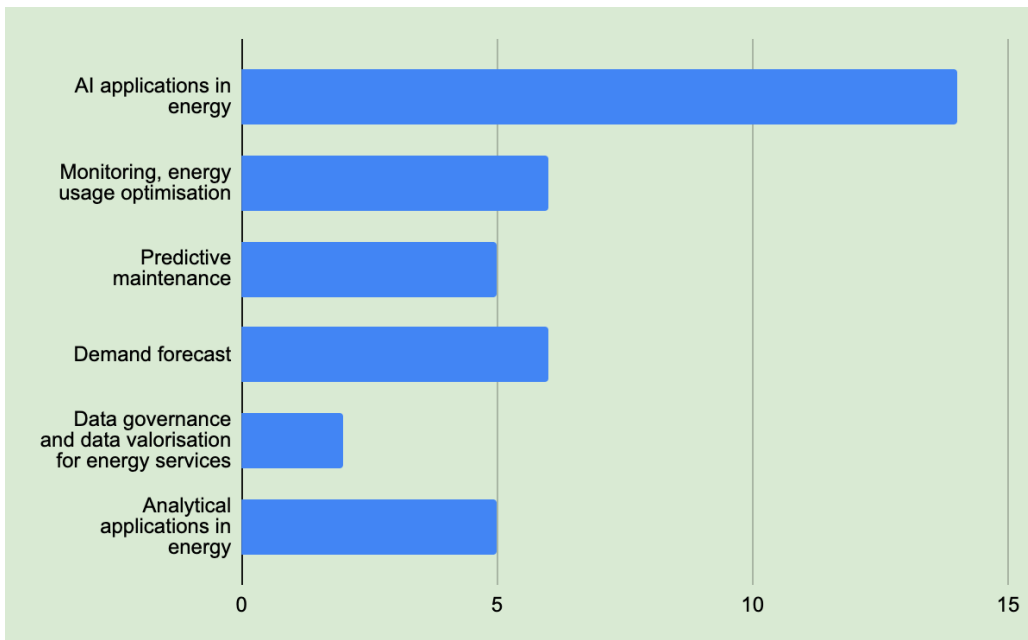Selected proposals represent all **6 Areas of Experimentation** that were pre-defined for this call:

Figure 3 – Areas of experimentation addressed by the projects