



I-ENERGY 2nd Open Call - Webinar 2 Q&A.



Date is **tomorrow**
November 29th 2022 at 11:30 CET

Speakers:

Spiros Mouzakis

Senior Researcher at ICCS

Thomas Wilczek

Project Manager
at FundingBox



Hello! My name is Thomas Wilczek

My professional work is focused on Project
Management in Horizon 2020 projects.



Hello! My name is Spiros Mouzakitidis

My professional work is focused on AI, Open and Big
data for Decision support systems



AGENDA

- The I-ENERGY Project
 - The 2nd Open Call
 - Q&A
- 

Motivation (1/2)



Artificial Intelligence is
bound to revolutionise
the Energy Sector

Fast and accurate forecasts
Demand / Supply predictions
Grid flexibility
Optimised maintenance
Optimal operation

Motivation (2/2)

AI proliferation in the **energy** sector holds the premise for a larger **environmental** and **social impact**

- Decentralisation
 - Democratisation
 - Digitalisation
- } of energy
- Environmental sustainability
 - Alleviating energy poverty
 - Fighting climate change and environmental degradation



Deliver an energy-specific **open modular framework for supporting AI-on-Demand in the energy sector** based on state-of-the-art AI and Data technologies



Energy Commodities Networks: AI for energy networks optimised operation



Distributed Energy Resources: AI for RES generation, buildings, districts, communities



Energy Efficiency and Non-energy related Services: AI enabling synergies / implications on other energy and non-energy domains

1) Support SME's with funding and mentoring during our 2 Tech Transfer Programmes

2) Enhance and support the AloD platform with AI and resources for the Energy Sector



I-ENERGY and the AIoD Platform 1/2

**AI-on-Demand
Platform**

AI Community | Business & Industry | Research | Education | Ethics | Services | News & Events | 🔍 | ➡ | ☰



Europe's AI-on-Demand Platform

The AI-on-demand platform is a one-stop-shop for anyone looking for AI knowledge, technology, tools, services and experts.

The European AI-on-demand (AIOD) platform seeks to bring together the AI community while promoting European values. The platform is a facilitator of knowledge transfer from research to multiple business domains.

The platform serves as a catalyst to aid AI-based innovation, resulting in new products, services, and solutions to benefit European industry, commerce, and society. By bringing people together, the community resource seeks to address the fragmentation of the European AI landscape and facilitate technology transfer from research to business.

<https://www.ai4europe.eu/>

I-ENERGY and the AloD Platform 2/2

European
AI on
Demand
platform

AI Catalogue
I-ENERGY section

AI4EU
Experiments

AloD Energy



Enriching Energy section
with sector-specific AI
assets and resources

AI as a service
(AlaaS) APIs

I-ENERGY Applications /
Dashboards

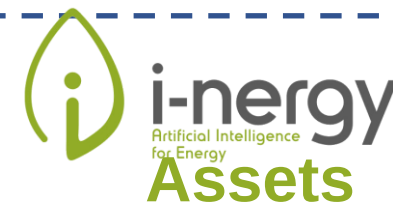
Code / Library /
Notebook / Docker

Documentation

Datasets

ML Models

AI4EU is a **one-stop-shop** for anyone looking
for AI knowledge, technology, tools, services and
experts.



i-energy
Artificial Intelligence
for Energy
Assets

Project assets
tested on real pilot cases

Open Calls



2 Open Calls – Financial Support to Third Parties (FSTP)

25 bottom-up projects / 2 M€

- Building blocks for use cases and small-scale experiments, new analytical tools
 - Tailored for the EPES stakeholders (prototypes) and new services (MVPs- minimum viable product)
 - 2 I-ENERGY Technology Transfer Programmes (TTP)
- 

The 2nd Open Call

LAUNCH

10. October 2022

DEADLINE

12. December 2022

TECHNOLOGY TRANSFER PROGRAMME I		TECHNOLOGY TRANSFER PROGRAMME II
CALL LAUNCH	8 NOV 2021- 20 JAN 2022	10 OCT 2022 - 12 DEC 2022
WHO CAN APPLY?	SMEs INCLUDING STARTUPS	CONSORTIA OF 2 MEMBERS: · 1 service developer provider : SME, including start-up. · 1 Pilot infrastructure provider / Data Owner (EPES): Any legal entity
SCOPE	BUILDING BLOCKS FOR NEW AI ALGORITHMS / SERVICES AND SMALL-SCALE EXPERIMENTS (PROTOTYPES)	DEVELOPING NEW SERVICES ON TOP OF EXISTING TECHNOLOGIES (MVPs)
NO. SELECTED PER CALL	10	15
FUNDING	UP TO 50.000 EUR	UP TO 100.000 EUR
DURATION OF SUPPORT PROGRAM	6 MONTHS	9 MONTHS

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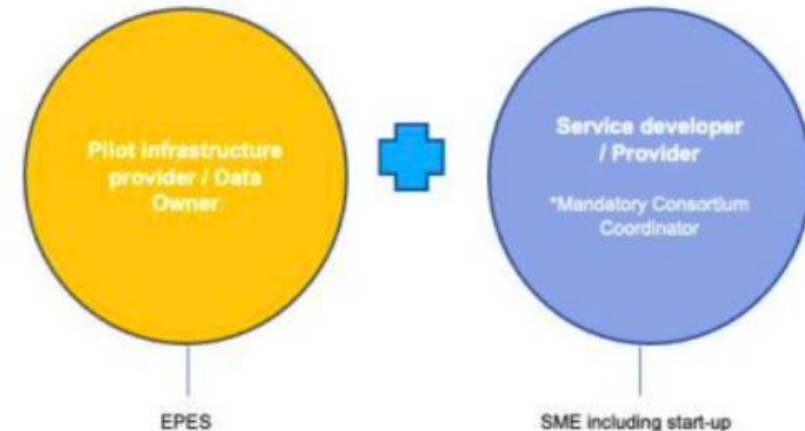
2nd Open Call – Overview

Legal Status

Mandatory consortium members (consisting of 2 partners):

- **1 service developer/provider:** SME1 , including start-up, registered as a legal entity prior to the launch of this open call.
- **1 Pilot infrastructure provider/ Data Owner (EPES stakeholder):** any entity.

Maximum number of consortium members: 2



2nd Open Call – Overview

Why?

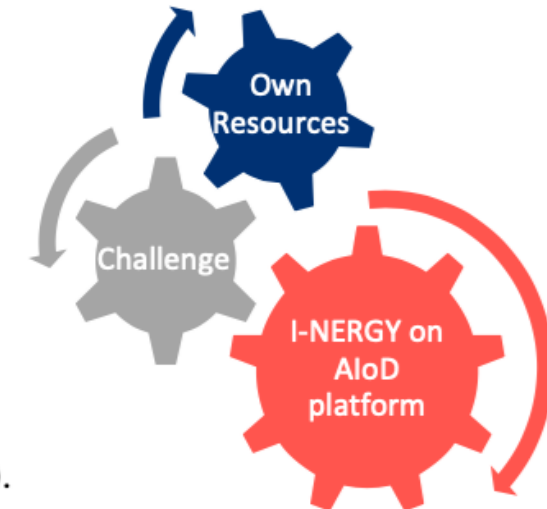
- For the purpose of enriching the AI resources and tools catalogue for Energy on Europe's AI-on-demand platform.
- Support SME's with funding and mentoring

Ideal Candidate:

- SME registered not later than 10. October 2022 in [EU Member States and its Overseas Countries and Territories](#) or [Associated Countries to H2020](#) including United Kingdom and Northern Ireland
- Use-case according to scope and with initial TRL 6, including relevant evidence
- Using own as well as already existing I-ENERGY and other third-party resources (Modules, models and components) available on the AIoD platform

Scope

- Developing new services on top of existing technologies (Minimum Viable Products). Services for an energy-related domain and specific cross-sectorial challenges that are being developed and tested within a pilot-setting in order to get to a fully functional stage with produced assets being published on the AIoD platform.



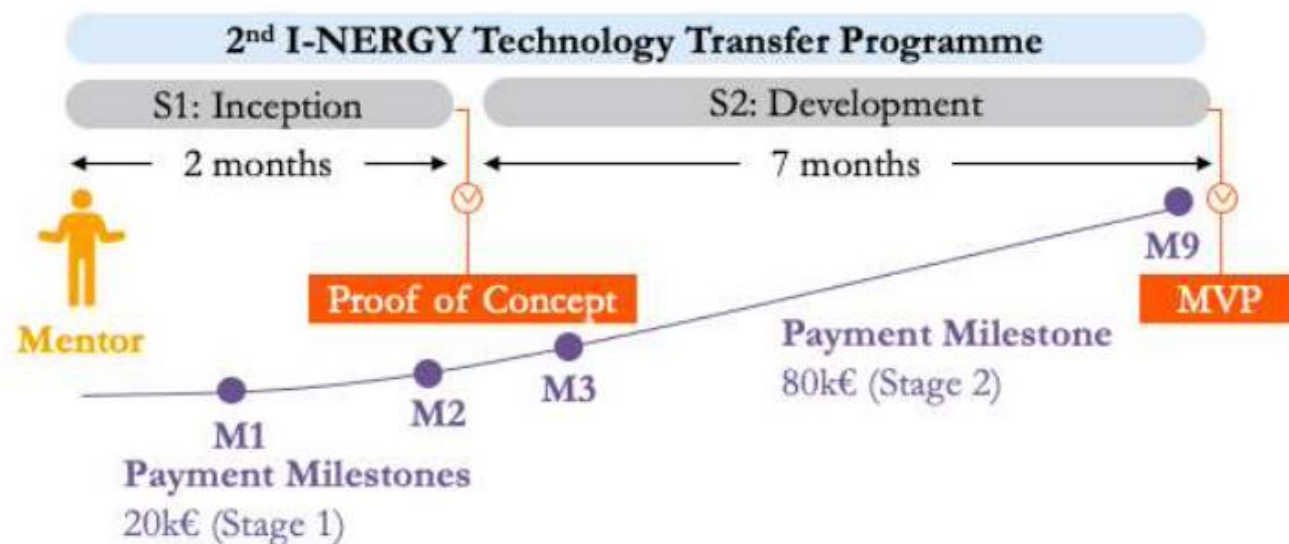
What are the benefits?



Funding

Up to €100,000

- €10,000 will be paid after validation of the Individual Mentoring Plan delivered in M1.
 - €10,000 will be paid after successful conclusion and validation of Proof of Concept [PoC] identification delivered in M2.
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- €10,000 will be paid after validation of the Prototype Mock-up delivered in M3.
 - €70,000 will be paid after successful conclusion and validation of Minimal Viable Product [MVP] delivered in M9.



Mentoring

9 months

Q&A



APPLY UNTIL 12th DECEMBER 2022

<https://i-energy-2-oc.fundingbox.com/>

CONTACT US

i-energy.help@fundingbox.com

<https://spaces.fundingbox.com/c/I-ENERGY>



THANK YOU!

WEBSITE

<https://i-energy.eu/>

