

Press release

October 2022

Horizon 2020 project OneNet Open Call Results

Exciting news!

OneNet is funding 9 projects to enhance the current work of both real demonstration efforts and tools to elevate the OneNet overall framework.

The 9 Third parties that will develop their innovative services, enabled by the Horizon 2020 project OneNet, are selected!

OneNet - One Network for Europe is one of the largest and most ambitious H2020 projects aiming at the integration of energy markets across Europe with a focus on the TSO - DSO - Consumer value chain. To accomplish this, the OneNet project is working on new standardized products and services, including a suitable market structure and reference architecture with a focus on flexibility, which will be evaluated in the four international demonstration clusters.

In order to further evaluate and refine the results and implementation of the OneNet project, the 9 selected Third Parties will bring new services and solutions for the network operators and the household consumers by adopting the OneNet infrastructure and framework under 6 different scenarios, which are covering the major domains in which the project members operate.

OneNet project aims at creating a seamless integration of all actors in the electricity network across countries, by proposing mechanisms for TSOs and DSOs to work in a coordinated manner to unlock and enable the establishment of new flexibility markets and mechanisms.

To accomplish this objective, OneNet is developing an open, decentralised, flexible, scalable, and interoperable architecture to transform the actual European electricity system, often country fragmented, into a pan-European one. This architecture will provide the necessary tools and mechanisms for allowing open, technological agnostic, adaptable platform interconnections, ranging from a country level to a European level context. Within this effort, the design of an open architecture, data exchange and interoperability mechanisms, cybersecurity guidelines, and sets of AI and big data tools are being seamlessly aggregated.

The OneNet Open Call projects will contribute with their innovative solutions to the impact of OneNet project in the energy ecosystem.

19 OneNet Consortium experts/evaluators selected the 9 more promising ideas among 18 submitted proposals.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 957739.

The story before the results

OneNet Open Call was launched on the 1st of December 2021. The Call was open for a period of three months, looking for proposals that would fulfill OneNet Open Call's objectives.

The selected proposals for the OneNet Open Call are listed below, described by Organisation, Acronym; Title, Country and the Scenario they address.

The total amount funded in the OneNet Open Call is 474.635 EUR.

OneNet Open Call Beneficiaries

| Ranking Winner List | Organisation | Proposal Acronym: Title | Country | Scenario No |
|---------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|----------|-------------|
| 1 | Odin Solutions SL (ODINS) | FLEXUM: Flexibility services provision by University of Murcia premises | Spain | 4 |
| 2 | Beedata Analytics SL | ODINA-TS Proposal: Outliers Detection and Imputation: New Approaches for Time Series Energy | Spain | 6 |
| 3 | SOFTWARE COMPANY EOOD | GEOGRID | Bulgaria | 1 |
| 4 | Stemy Energy | FLAGS | Spain | 4 |
| 5 | H. Wise Wire Energy Solutions Limited (WiseWire) | OneNet – ActiveProsumer | Cyprus | 2 |
| 6 | Watt-IS S.A. | WISeGrid - Electrical Grid Web-based optimization services | Portugal | 3 |
| 7 | Northeast Flow Oy | Decentralized digital heating as a flexibility provider | Finland | 5 |
| 8 | ARTELYS | ADREE :Advanced Data Reliability analysis for European Energy systems | Paris | 6 |
| 9 | Presify Analytic Software Inc. | RUNADMTS: Robust Unsupervised Anomaly Detection Model for Time Series Data | Turkey | 6 |



What's next for the selected projects?

OneNet Consortium partners will support the selected Third Parties through a 6-months programme, granting each participant up to €60k (equity-free funding), free coaching and free access to high-end infrastructure.

During this period the selected Third Parties will elaborate their proposals and develop services and tools to be integrated into the OneNet ecosystem.

Background:

The project “OneNet” (One Network for Europe) is funded through the EU’s eighth Framework Programme Horizon 2020 titled “TSO – DSO Consumer: Large-scale demonstrations of innovative grid services through demand response, storage and small-scale (RES) generation” and responds to the call “Building a low-carbon, climate-resilient future (LC)”. The consortium consists of over 70 members from 23 European countries, including transmission and distribution system operators, research institutes and universities, technology providers, market operators and ESCOs. OneNet envisions a European electricity system that provides for the seamless near real time integration of all actors across countries, with a view to create the conditions for a synergistic operation of market and network that optimizes the overall energy management while creating an open and fair market structure and maximizing the consumer capabilities to participate in it. The complete concept of OneNet is proven in 4 cluster demos involving 15 European countries. OneNet is a 36-month long project started in October 2020.

