



Press Release

## 1st HEDNO Datathon - Awards Announcement

1st HEDNO Datathon by [HEDNO](#), together with Innovation Enabler of [Mantis Beyond Innovation](#) was successfully completed on Thursday, 4 May 2023. Datathon's objective was the development of machine learning algorithms for detecting intentional non-technical electricity losses in the grid. This was the first of a series of innovation initiatives designed and implemented by HEDNO's Research and Innovation Department, together with the development of the first business Sandbox in the area of electricity.

The representatives of the 10 best solutions (among 267 participants, including teams, companies and natural persons) took part in HEDNO Datathon's finals. The participants made presentations of their solutions before the judging committee and the 3 teams with best scores were qualified as winners. The event was attended by HEDNO's top executives, representatives of public and private bodies as well as important executives from the country's business world, whose contribution was crucial in revealing the challenges in energy as well as HEDNO's next day after using the solutions.

The event started with a greeting by HEDNO's CEO, Mr Anastasios Manos, the Vice Chairman of RAEE, Mr D. Psiochogios and the CEO of ELEVATE GREECE, Mr M. Dritsas.



# HEDNO





Mr. Manos once again stressed that with Datathon, HEDNO implements its vision for an outward approach, innovation, digitalization and upgrade of all services. Datathon is just the first stage in the Company's journey towards modernization, given that innovation is the administration's strategic choice.

Then, the organizer of the competition, Founder & CEO of Mantis Beyond Innovation, Mr **Christos Nikoloudis**, talked about the value of the competition for the Hellenic Electricity Distribution Network Operator (HEDNO) and stressed the central vision for activating the innovation ecosystem through the implementation of Open Innovation Models with a view to creative innovative solutions that will upgrade the management of electricity for the benefit of the consumers.

His speech was followed by an analysis of the Program's assessment procedure and system by the Director of the Open Innovation Programs at Mantis Beyond Innovation, Ms **Anastasia Mavrogianni**.





The event continued with the pitching stage, in which the 10 teams-participants presented their innovative ideas and solution before the Judging Committee, which was set up by prominent data analysis experts with exceptional academic and research background and international distinctions.







The members of the **competition's judging committee:**

- Spyros Makridakis, Professor at the University of Cyprus, Directors at the Institute for the Future (IFF), Founder at the Makridakis Open Forecast Center (MOFC)
- *Eirene Moustaki*, Social Statistics Professor, London School of Economics and Political Science (LSE),

- *Damianos Chatziantoniou*, Associate Professor, International Masters Program "Business Analytics", Athens University of Economics,
- *Athanasios Voulodemos*, Assistant Professor at the School of Electrical and Computer Engineering of the National Technical University of Athens (EMP)



These are the **winners of the HEDNO Datathon competition:**

**1st Prize - Team [AETHON Engineering](#),**

**Members:** Al. Papacharalambous, Al. Georgakopoulos, G. Diafas, An. Merdani

**AETHON Engineering** is an engineering company with 20 years' experience, mainly in innovative products and data engineering tools with the development of data analytics algorithms, including Machine Learning tools. Its members have participated in many research programs, in Greece and abroad.



## 2nd Prize - *Team [Silentech](#)*

**Silentech** is a technology company specializing in the processing of large-volume data, business analytics, GISs, high-performance computing and the integration of innovative solution by the clients. Its ambition is to create a fruitful ground driven by man.





### 3rd Prize – *Team Dataminds*

**Represented by:** Panag. Papaemmanouel

**Dataminds** is a start-up company that provides consulting and support services in the areas of data analysis and artificial intelligence. It also offers research, engineering, development and software distribution services depending on the product. Its founder has educational background in data analysis, significant working experience and experience in the participation to competitions as a data scientist.





HEDNO



The prizes had a **total value of 30,000 euros** and were awarded by Mr Manos Anastasios, Dimitrios Psychogios and Menegatos Iraklis.





Mr G. Loukos, Director at the Reserach & Innovation Department at HEDNO, summarized the competition procedure and referred to the usage of the methodologies and models presented in the event.





The event closed with a speech by Mr An. Manos, CEO at HEDNO, who repeated the goals of HEDNO in relation to the integration of innovation and new technologies across the organization. He also committed to the practical investigation of the solutions suggested for predicting and detecting intentional non-technical electricity losses in HEDNO's network by the newly established units of the Company.

Please note that the competition's objective was to develop machine learning algorithms for detecting intentional non-technical electricity losses in HEDNO's network and the building of optimal solutions.

**A total of 267 proposals were submitted by start-up companies, researchers and data scientists. They were all reviewed on the basis of specific KPIs.**

Athens,  
8 May 2023  
Press Office