

# Greenet



The network of Horizon Europe  
Cluster 5 National Contact Point.



## ELLIOT CLOUD's Profile linked to specific HE Topics

GREENET Brokerage Event

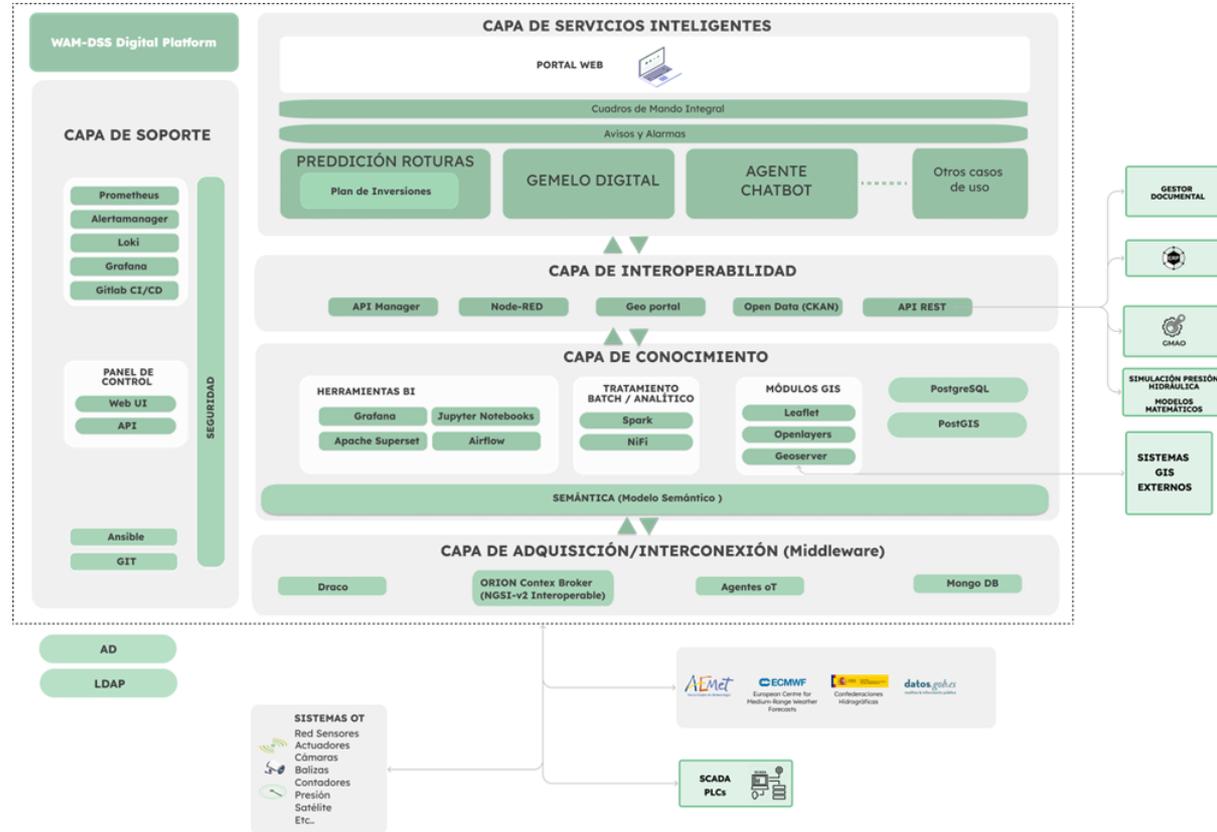
14<sup>th</sup> January 2026

**ELLIOT**  **CLOUD**



*The GREENET project has received funding from the EU Horizon Europe programme under Grant Agreement No 101069604*

- **Name:** Carmina Bocanegra-Yanez
- **Company:** Elliot Cloud
- **Type of company:** SME
- **Country:** Spain
- **Department:** Innovation and Public Funding
- **Expertise:** **ELLIOT CLOUD** is a **Platform as a Service (PaaS)** that connects and manages all sorts of **IoT devices**, allowing fast deployment of secure and scalable systems.



## SOLARIS

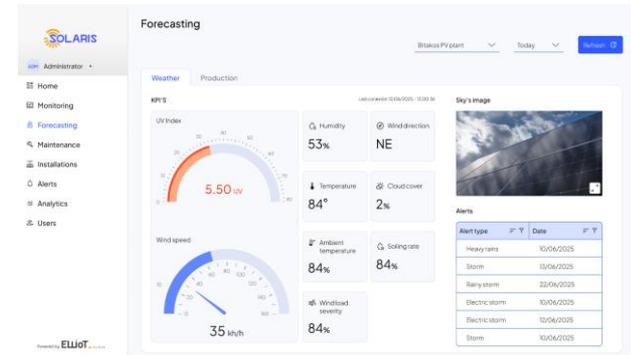
**Period:** July 2024-June 2028

**Objective:** Develop and demonstrate tools for improved forecasting, operational performance and maintenance of PV plants.

**Elliot Cloud's role:** Development of the **IoT platform** for automated monitoring, inspection and maintenance.

### Key aspects:

- ✓ Unified and scalable **IoT solution** for photovoltaic plants.
- ✓ Combines **real-time monitoring** with **integration of third-party models**.
- ✓ Alert configuration and maintenance task scheduling based on monitoring data.
- ✓ Uses **MQTT** for efficient and reliable data communication across devices and systems.



## STUNNED

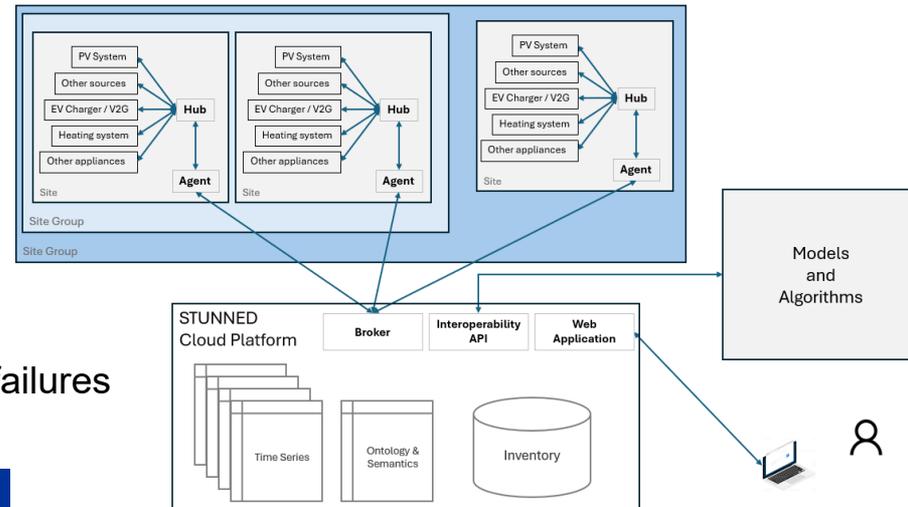
**Period:** Nov 2024-Apr 2028

**Objective:** Reduce the energy demand of buildings, ensuring stability with the main electrical grid and providing services such as Demand Response.

**Elliot Cloud's role:** Development of the **STUNNED Cloud Platform**.

### Key aspects:

- ✓ Connection to multiple sources
- ✓ Cleansing and normalisation at source
- ✓ Native DB
- ✓ APIs documented in Swagger
- ✓ Secure authentication and role definition
- ✓ Hybrid mode (edge + cloud)
- ✓ Data mapped to ontologies/knowledge graphs
- ✓ Buffering and retries in the event of communication failures
- ✓ Standardised logging for traceability
- ✓ Prometheus metrics for continuous monitoring



- **Specific contribution to the topics: Elliot Cloud fully operational IoT platform** can be integrated within buildings and renewable energy facilities in a neighbourhood or district, retrieving, analysing and storing data from different sources including data from the grid (flexibility needs, energy prices, etc.)
- **Elliot Cloud's Expertise:**
  - Data Management
  - Visualisation
  - Artificial Intelligence
  - Data spaces
  - Cybersecurity



- **HORIZON-CL5-2026-03-D3-03:** Innovative technologies and solutions to improve wind energy systems supporting the Strategic Energy Technology (SET) Plan on wind.
- **HORIZON-CL5-2026-11-D3-15:** Improved system design for innovative PV applications (EUPI-PV Partnership).
- **HORIZON-CL5-2026-11-D3-24:** Data sharing to support the training and development of AI foundation models in the energy sector.
- **HORIZON-CL5-2027-02-D3-25:** Large scale operational validation and upscaling of state-of-the-art (Generative) AI tools and models powering a next generation digital energy system
- **HORIZON-CL5-2026-10-D6-06:** Increasing competitiveness and resilience of multimodal freight transport and logistics for competitive supply chains.



**PLEASE, CONTACT US TO DISCUSS FUTURE  
COLLABORATIONS!**

**THANK YOU!**

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