

January 11th, 2022

OneNet Open Call

December 1st, 2021 - February 1st, 2022



Scenario 4 – Spanish Demonstrator: Flexibility provider engagement to test local markets able to alleviate network congestions at medium and low voltage network levels

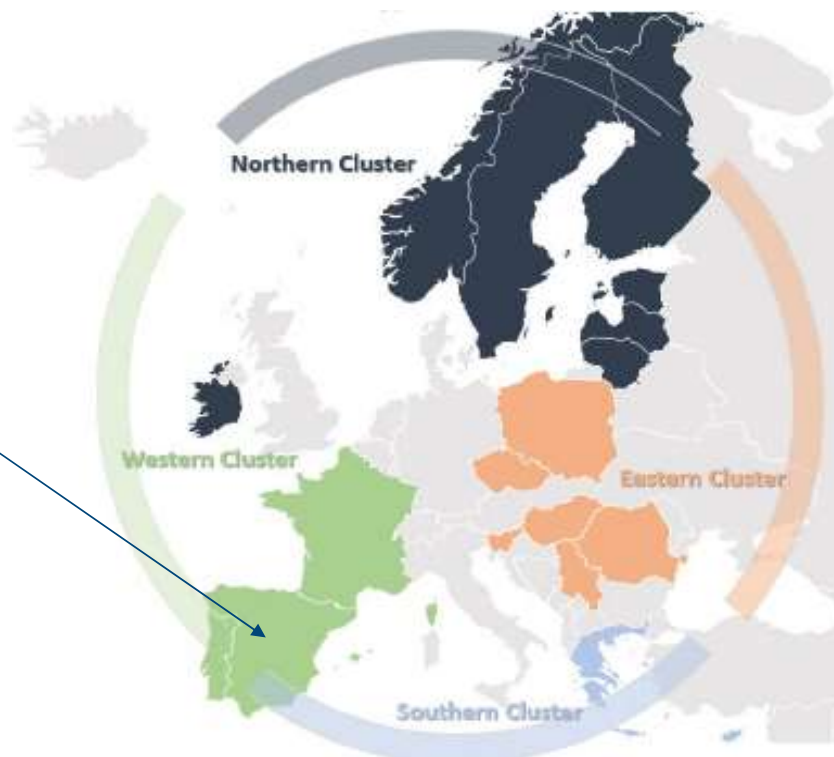


This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 957739

Agenda

- 1. Introduction
- 2. Spanish demo: Overview
- 3. Requirements:
 - General description
 - i-DE demo sites
 - UFD demo site
 - Specific requirements and evaluation
- 4. Benefits

1. Introduction: Spanish Demo - Western Cluster WP9 ([D9.1](#))



Description:

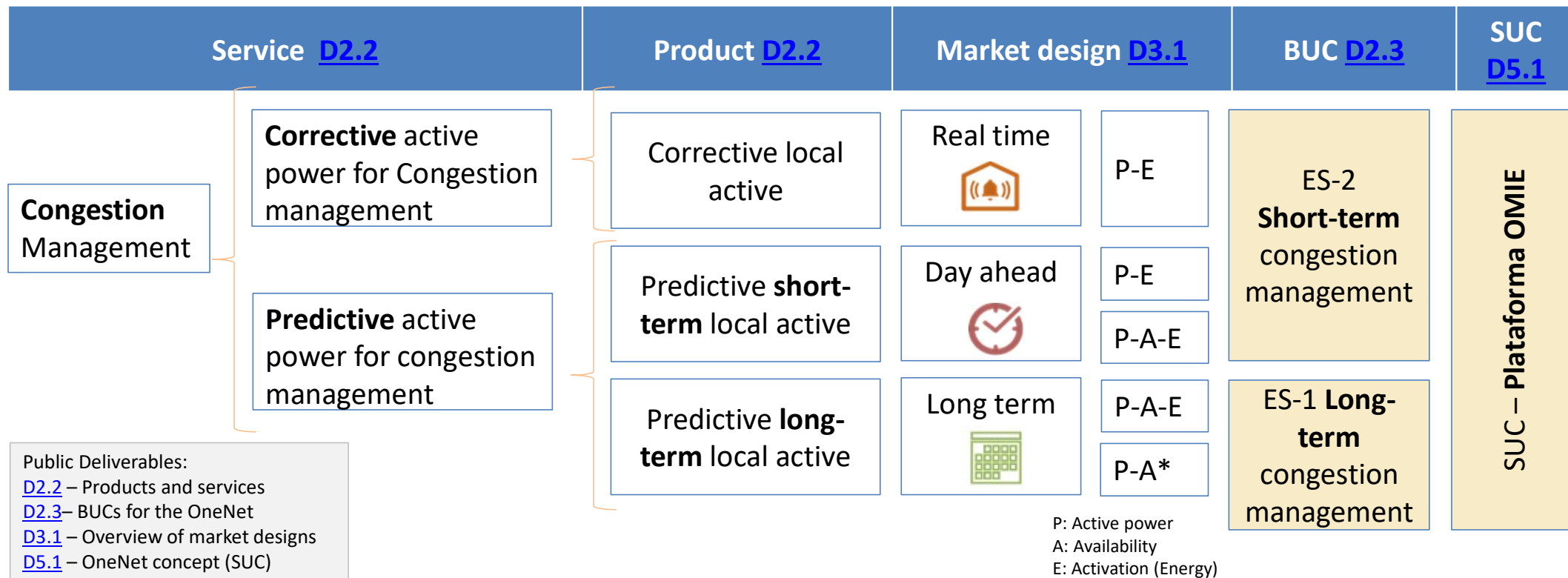
- Congestion management at the distribution level
- Local markets
- Local market platform (LMP)
- Market participants:
 - 2 DSOs
 - 1 IMO
 - FSPs

Call need:





Flexibility service providers



2. Spanish Demo - Overview



3. Requirements – General description (1/4)

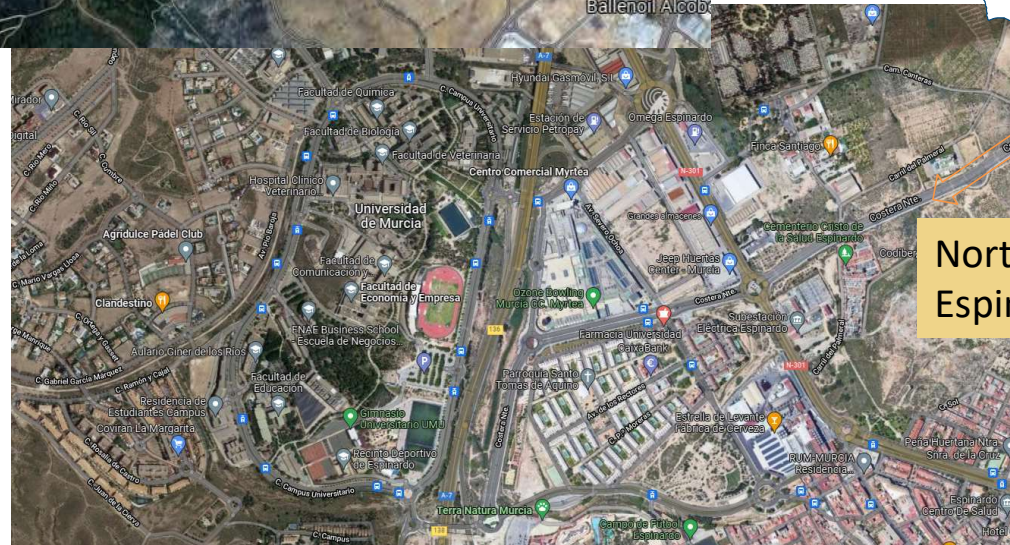
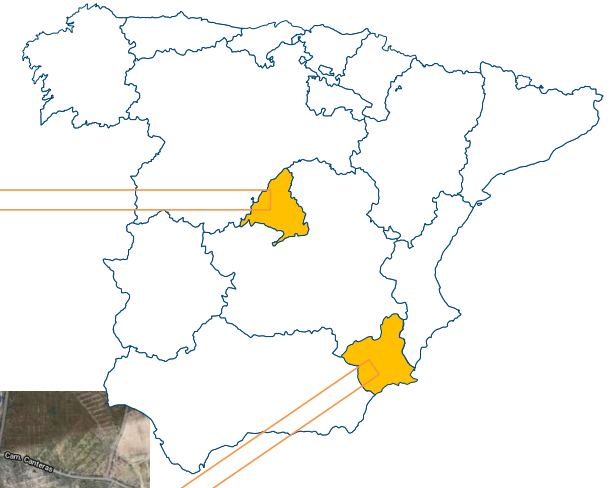
	What	Flexibility Service Providers that can offer different type of flexibility resources
	How	An aggregator, or the owner or the representative of large-scale or small-scale assets with at least 100kW of capacity for flexibility
	Where	Connected to the distribution system at specific areas in Madrid and/or Murcia
	Why	<div>To test new local markets able to alleviate network congestions at medium and low voltage levels</div> <div><div>Prepare/ Pre-qualification</div><div>→</div><div>Market phase</div><div>→</div><div>Monitoring/ Activation</div><div>→</div><div>Mesaurement phase</div></div>



3. Requirements – iDE Demo sites (2/4)



North of Madrid, Cantoblanco



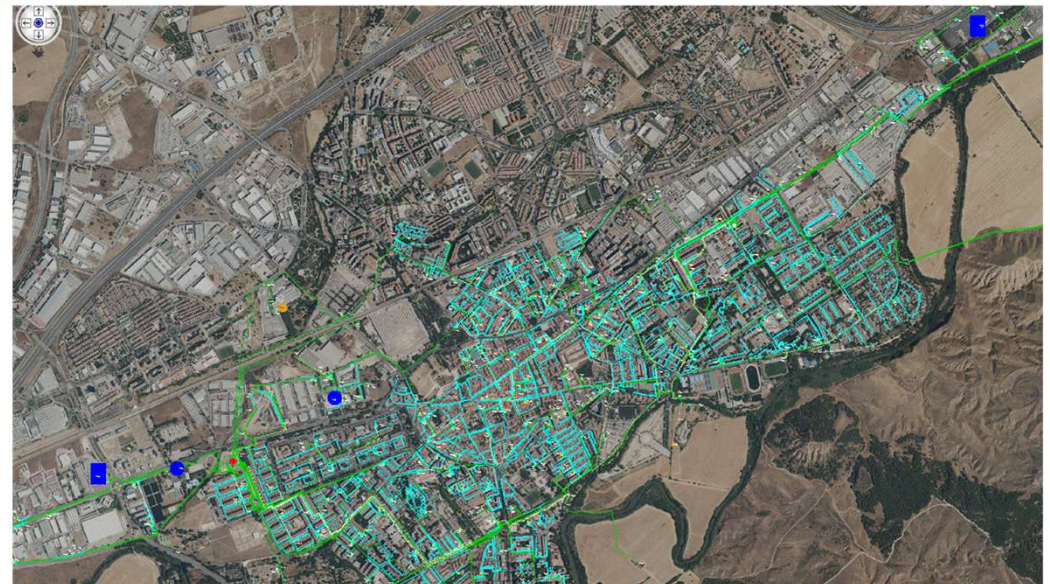
North of Murcia,
Espinardo neighborhood

3. Requirements – Demo sites (3/4)

Grupo Naturgy

- The UFD demo is located in the south-west area of Alcalá de Henares (Madrid), where UFD is the DSO (see electrical network in the figure)
- Actually, several FSPs are collaborating in the demo: Sport facilities, Metallurgical and Food Industry
- We are mainly interested in FSPs that can include generation, although it is not compulsory, or aggregator that can be able to join different kind of FSPs in the UFD network.

Alcalá de Henares



3. Specific Requirements and Evaluation (4/4)

Requirements:



- ✓ SMEs and Start-ups legally established in an EU Member State or in an Associated Country
- ✓ Must attach **documentation** evidencing **commitment** of resources from the FSPs that they represent
- ✓ Must specify the kind of resource/s and the volume of available flexibility (**>0,1MW**)
- ✓ Must be **connected** to medium or low voltage levels at DSOs networks participating in Spanish demo at some of the selected areas

Evaluation:



- ✓ Type of resources commitment
- ✓ Geographical location
- ✓ Availability and capacity for resources activation
- ✓ Price for availability and activation
- ✓ Agree to communication and cooperation activities
- ✓ Viability of technical solution for monitoring and receiving set points
- ✓ Innovation degree

4. Benefits for getting involved

- ✓ Learn from European Project
- ✓ Develop and test new tools and technologies for participating in future markets
- ✓ Demonstrate the capacity to open the market to new actors
- ✓ Analyze the behavior of different type of flexibility resources
- ✓ Increase the amount and value of information to be sent from the Local Market platform to OneNet system
- ✓ Strengthen the OneNet community



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Thank You

A graphic for the CENET Open Call. It features a dark background with a network of glowing blue lines and dots. On the left, four blue hexagons are arranged vertically, each containing a white number from 1 to 4. To the right of these hexagons, the corresponding text is written in white and yellow. The CENET logo and "Open Call" text are in the top right corner. A QR code is in the bottom right corner, with the text "More info:" above it.

1 Are you **SME** or **Start-up**?

2 Interested to be a part of the **largest European project** in the field of TSO-DSO-Consumer coordination?

3 And be funded with up to **60.000 euros**?

4 **Apply** by 01 February 2022

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More info:

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