#FlexTheGrid

Energy flexibility solutions:
From the distribution grid to end-user´s premises

Wednesday 29.11.2023, 13.30 to 17:00 at ENLIT Paris (hybrid)

ebalanceplus

13:30
(5 Min)

Welcome
Noemi Jimenez-Redondo, Project Coordinator, CEMOSA

13:35
(10 Min)

Ebalance-plus core result: modular and scalable energy-management platform
Juan Jacobo Peralta, Project Coordinator, CEMOSA

▶ Short introduction of the ebalanceplus platform and its "plug-in" potential to achieve different solutions.

13:50
(40 min)

SESSION 1: Ebalance-plus building flexibility solutions: smart battery & flexibility algorithms
Presenters: Jaime Abril Sarvise, CEMOSA and Prof. Christophe Saudemont, Junia

▶ Presentation of the deployment of flexibility mechanisms and solutions in buildings with key results from demonstrations at Junia in Lille and energy flexibility optimisation in Denmark.

14:35
(30 min)

SESSION 2: Ebalance-plus district flexibility solutions: a "smart hub" based on V2G, storage and PV
Presenters: Javier Barbarán, SOFTCRITS and Pilar Rodriguéz, University of Málaga

▶ Presentation of the smart hub solution and impressions of its demonstration at the University of Málaga.

15:10
(30 min)

SESSION 3: Ebalance-plus flexibility solutions at customer premises: energy mobile app & IoT
Presenters: Prof. Anna Pinnarelli, University of Calabria and Doğukan Aycı, REENGEN

▶ Interactive session showing key results of the user engagement research, the interfaces of the mobile app and the use of IoT solutions as also the app used at University of Calabria.

15:45
(30 min)

SESSION 4: Ebalance-plus reliability solutions at grid level: management units
Presenters: Presenters: Sami Hammal, EMTECH and Krzysztof Piotrowski, IHP

▶ Presentation of key results of testing the ebalance-plus grid management units.

16:20

Panel discussion
with amongst others: Tomás Gómez San Roman, Comillas Pontifical University; Laurent Schmitt, Digital4Grids; Pierre Bivas, Voltalis; Ricardo Almeida Henriques, E-REDES and Santiago Gallego Amores, i-DE

Moderated by Elena Boskov Kovacs (ETIP SNET)

16:50
(10 Min)

Closing
Juan Jacobo Peralta, Project Coordinator, CEMOSA