

International Brokerage Event
Brussels, 26-27/10/2017



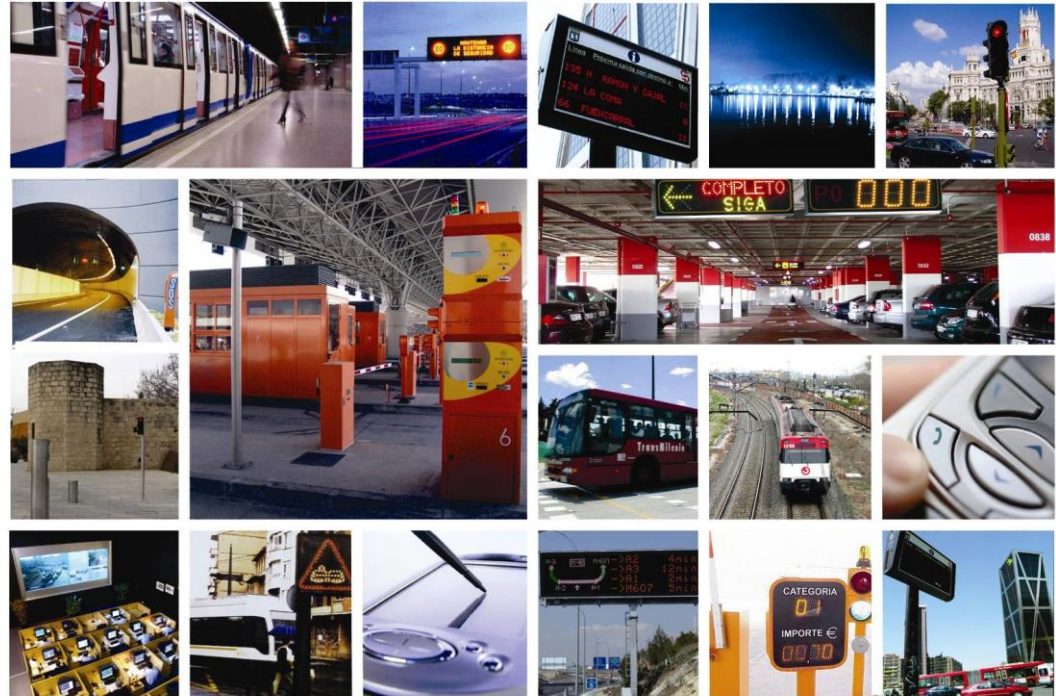
ETRA Research and Development

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ETRA Research and Development

- A high tech industrial group forming part of ACS, the 4th largest Construction Corporation in the World.
- ETRA's activities include:
 - Energy management systems.
 - Intelligent Transportation Systems.
 - Security systems.
 - Access control systems, including e-Id, biometrics, multi-application smartcards, etc.
 - Complex Distributed Real Time control systems.
 - Interoperability of complex heterogeneous systems.
- In all the fields above we do from basic research to turnkey systems delivery.



Running research projects

coordinated



Nobel Grid

New Cost-Efficient
Business Models
for Flexible Smart Grids

[MAtchUP]

mobility



TRANS-FORM



coordinated

GRIDSOL



coordinated

CROSSBOW



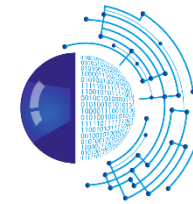
FLEXCOOP



PLUGNHARVEST



UTILITEE



Sauron



prisma cloud

coordinated

letsCROWD

security

HOLISDER



energy and environment

LC-SC3-ES-4-2018-2020: Decarbonising energy systems of geographical Islands

EnerGreenISLAND



- Objectives:
 - To define innovative business models to allow high levels of renewable energy sources in islands
 - To come up with new modelling approaches for demand forecasting
 - To develop technological solutions to enable a smart grid based on the high use of renewable sources (big data, data management, digitalisation, etc.)
 - To analyse innovative paths for energy storage (e.g. use of virtual storage systems)
 - To demonstrate results in real environment in two-five islands (leaders and followers)
- Expected results
 - Cheaper deployment of RES-based systems
 - Reduce fossil fuel consumption
 - Large-scale replication in islands with similar problems

Consortium - profile of known partners *(if any)*



No	Partner Name	Type	Country	Role in the Project
01	TBC	TBC	ANY	Project coordinator
02	ETRA	IND	ESP	Technology provider
03				
04				
05				
06				
07				
08				

Consortium - required partners



No	Expertise	Type	Country	Role in the project
01	TSOs / DSOs / Grid operators			
02	Aggregators			
03	Energy retailers			
04	Battery providers			
05	EV fleet / charging points providers			
06	Policy Makers / Public authorities			
07				
08				

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