



---

## TASK FORCE STORAGE & SMART GRID

In cooperation with EASE and EUROBAT



---

First meeting of the task force “Storage & smart grid, regulatory framework and technologies for islands”, organized in cooperation with EASE and EUROBAT.

### Details

Date: November 6, 10.00 am CEST

#### Participants:

- **Gianni Chianetta** – Director, GTI
- **Jacopo Tosoni** - Policy Officer, EASE
- **Francesco Gattiglio** - Director EU Affairs & Policy, EUROBAT
- **Martin Ribas Medina** - General Director Balearic Islands, Endesa
- **Julie Salgado** - Head of Institutional Affairs, Endesa
- **Norman Zammit** - Divisional Manager Business Strategy and Commercial, Enemalta
- **Olli Kuronen** - CFO, Eunice
- **Manuel Sapiano** - CEO, The Energy & Water Agency Ministry for Energy and Water Management, Malta
- **Nicola Corradin** - Storage Manager, FIAMM
- **Riccardo Antonucci** - Policy Intern, EASE
- **Joern Juergens** - Director Energy Storage Systems (EMEA), Lg Chem
- **Pilar Gonzales** - Innovation Manager, Iberdrola
- **Magnus Millingen** - CBDO, Texel





- **Nic Castellucci** - Business Development Manager, Highview Power
- **Viera Pechancova** - PhD Department of Business Administration, UTB
- **Claudia Portugal** - Market Intelligence Analyst, Samsung
- Representative of Engie
- **Gianni Chianetta** - Director, GTI
- **Francesco Luise** - Observatory Technical Coordinator, GTI
- **Angelo Nogara** - Senior Strategy Development Manager, GTI

## Minutes

### Key inputs for the task force to focus on:

- New upcoming legislation;
- Islands local industries for second life storage;
- Storage systems safety;
- Technology innovations on smart grids management systems for the integration of RES, storage and e-Mobility.

### International context and political momentum:

- Proposal of new EU storage regulation on **December 9**:
  - focus on recycling of batteries and low carbon footprint in production;
  - expected to cover: second life of batteries, end of life responsibility, reporting systems, recycling efficiency, recovery targets, carbon footprint declaration, information requirements on performance and durability, battery passport, due diligence on the origin of raw materials;
  - key target of the Commission is to produce batteries in a sustainable way, promote green European batteries.

### Opportunities:

- Islands need to meet growing electricity demand;
- Storage technologies have improved for mobility and power generation which are the largest emitting sectors on islands;



- Batteries are cost-effective,
- Storage can provide key services to the system, islands need both EVs' electrochemical batteries and larger stationary batteries;
- Several other storage technologies are available;
- EU can be number one in producing and managing sustainable batteries, can exploit a competitive edge;
- Recycling can drive down the use of raw materials;
- Research projects carried on by islands can provide necessary information for the storage legislation.

#### **Challenges:**

- Need for coherent legislation, currently too much overlapping;
- Need for pieces of legislation on battery safety;
- Transportation of waste and damaged batteries is costly and difficult;
- Need for a more competitive structure to facilitate penetration of EVs;
- Small investment capacity as current crisis shut down the islands tourism industry;
- Second life batteries dangerous if uncontrolled.

#### **Early proposals from the task force:**

- More precise regulation could open the possibility of establishing circular economy chains between EVs and larger stationary storage systems;
- Supercapacitors development is important for the long run and should be included in the regulation;
- One option for the regulation is to create a different category for EVs and small scale batteries;
- Establishing local industry on islands for the regeneration of batteries, or at least for their disassembling before moving them to the mainland, can drive down costs enormously, also given the specific and costly technologies/facilities effective recycle does require;
- The task force could promote feasibility assessment and case studies on islands to inspect different issues.

#### **Next Steps:**

##### **GREENING THE ISLANDS SRL**

Sede legale: via Giuseppe Sciuti, 112 - 90144 Palermo

Sede operativa: via Principe di Belmonte, 93 - 90139 Palermo

[secretariat@greeningtheislands.net](mailto:secretariat@greeningtheislands.net)

[www.greeningtheislands.net](http://www.greeningtheislands.net)





# GREENING THE ISLANDS

- To create a task force **position paper** representing the point of view of the islands on the EU upcoming proposal of new regulation on storage;
- To exploit the **upcoming workshop** of the GTI e\_Convention to deepen these topics, establish a stable dialogue with the EU Commission and disseminate the potential of the technology;
- To define a **2021 plan** for the GTI task force, involving the participants to the 6 November meeting and eventually others, as GTI Observatory members, in pursuing the targets discussed in the meeting.

**GREENING THE ISLANDS SRL**

Sede legale: via Giuseppe Sciuti, 112 - 90144 Palermo

Sede operativa: via Principe di Belmonte, 93 - 90139 Palermo

[secretariat@greeningtheislands.net](mailto:secretariat@greeningtheislands.net)

[www.greeningtheislands.net](http://www.greeningtheislands.net)

