



## WEAMS - Wind energy asset management system

**Theme:** research and innovation

**M.I.M.I.T.** ( Ex M.I.S.E.) project for an innovative software platform in the management of wind farms, reducing costs and increasing production. Involving Baxenergy Italy, E2I special energies and Catania University in terms of efficiency, sustainability and competitiveness in the renewable energy sector.

### Contextual Information

The project chosen, WEAMS-WIND ENERGY ASSET MANAGEMENT SYSTEM (CUP: B69J17000420008) is a FESR PROJECT belonging to the 2014/2020 planning cycle. It is programmed by the Ministry of Economy Development while the actuator, the beneficiary and the realiser is BAX ENERGY ITALIA SRL. The cost amounts to a total of 870.124,50€ which are divided as follows:

- 631.127€ (73%) by European Union;
  - 188.543€ (22%) by Rotation Fund;
  - 50.455€ (6%) by Development and Cohesion Fund;
- The project started on 24/11/2016 and ended on 23/12/2018.

### Value for the community

Often our territory is subjected to abuse and exploitation, due to the use of non-renewable energy for economic purposes. The use of renewable and sustainable energy sources is the main core of our project, henceforward reducing environmental damage in Sicily. It indirectly promotes the reduction of mobility in favour of the environment as well as stimulating the local economy, so that every citizen can benefit from this research

### Brief description of your civic monitoring research

Our project's aim is to optimize renewable energy, making it more efficient, affordable and secure, in order to contribute to build a greener world for the benefit of the present and future generations.

Key-words:

- Innovation;
- Sustainability;
- Wind energy;
- Advantages;
- Safeguard cooperation.

### Experts On The Topic

- ASOC friends: Fondazione Città del Fanciullo; Europe Direct Trapani
- Istat Palermo
- Public Administration: Municipality of Acireale
- ENEA: national energy and environment body (ENEA territorial office, Catania)
- CNR: national research council, Catania CNR Catania Research Area
- Regional Department of Energy and public utility services
- Expert on artificial intelligence -> university department
- Hub Innovations CDO Sicily: company of works
- Diocesi di Acireale (bishop)
- Bollettino d'Ateneo - Unict

### Additional Research

- Analysis of project data.
- Online research.
- Photos and videos.

### Communication Format And Involvement Strategy

1. SOCIAL MEDIA
  - INSTAGRAM;
  - FACEBOOK;
  - X (TWITTER);
  - TIKTOK;
2. OUR WEBSITE;
3. ONLINE AND IN-PERSON SURVEYS;
4. LOCAL NETWORKS.