



Regio1st Training Session - Stage 7 : Defining actions and developing the regional energy plan

**“The experience of the Liguria
region in developing actions»**

**IRE Liguria
June 6th 2024**



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IRE is the **technical agency for Infrastructures, urban Regeneration and Energy of Liguria Region** (North-West Italy)

- an entirely public company, in-house of Liguria Region as its main shareholder and with the Municipality of Genova and other local administrations as further shareholders
- counts around 70 highly - skilled employees, mostly engineers and architects but there are also professionals with background in economics, legal and sociology

IRE's mission is to support the Liguria territory in the development of new infrastructures, in its urban regeneration activity and in the implementation of innovative energy and climate policies

IRE Liguria – Energy Department

IRE's Energy Department aims to **support Liguria Region, its Municipalities and other entities in the green transition**, helping them in the development of energy and climate plans and in the implementation of initiatives for mitigation and adaptation to climate change, and promoting technological innovation in the fields of energy efficiency, renewable sources of energy, alternative fuels and new energy vectors

MAIN ACTIVITIES

- **energy planning** – development and implementation of regional energy and environment plans, SECAPs, energy and environment plans of port authorities, management of energy data
- **energy management** – management and monitoring of energy contracts for all hospitals and health structures in Liguria, management of a consortium of 130+ public entities for buying energy on the free market
- **promotion of the energy efficiency of buildings** – management of the energy efficiency of building process in the Region
- **Renewable Energy Communities** - supporting the Region and its Municipalities in setting up RECs
- **European projects** and initiatives

Energy Planning process in Liguria

The New Regional Energy and Environment Plan (PEAR) 2021-2027 is currently being finalised by Liguria Region, supported by IRE as technical partner, under the Strategical Environmental Assessment (VAS) process as foreseen by the Law:

- a) First drafts approved in 2023
- b) Scoping phase (analysis by stakeholders with expertise and authority on environmental issues) completed
- c) New versions of docs incorporating the scoping phase feedbacks
- d) 60 days of open public consultation phase
- e) Fall 2024 : Final VAS assessment with prescriptions + recommendations (as result of point d)

IRE has elaborated new versions of the docs taking into account prescriptions

NEXT steps Final version of the Plan to be approved by the Regional Council (early 2025)

Methodological approach

- Analysis of regional positioning and meetings with stakeholders
 - Definition of the general strategy and priority areas of intervention
 - Analysis of the strengths, weaknesses, opportunities and threats of technology options
 - Study of the regional potential of technological options and definition of the Plan objectives
 - **Identification of regional actions to reach the objectives, in synergy with the ERDF programming for 2021-27**
 - Preliminary definition of monitoring activities
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Liguria PEAR structure



STAKEHOLDERS

Tools:

- **Regional Steering Committee on Energy Policies**

President- Regional Minister for Economic Development

Coordinator – General Director for Economic Development

Energy sector's technical offices

Director of IRE Liguria's Energy department

- **REGIONAL TECHNICAL WORKING GROUPS**

LNG

Hydrogen

Renewable Energy Communities and Port Energy Communities



Meetings

- ☐ LISTENING TO STAKEHOLDER NEEDS
- ☐ ACQUISITION OF KNOWLEDGE

REGIONAL STRATEGY

«Liguria Region intends to actively contribute to the national and European objectives of strengthening energy security, encouraging the construction of a resilient and efficient territorial system in terms of decentralized energy consumption and production»

Priority areas of intervention:

1. **ENERGY EFFICIENCY**
2. **RENEWABLES ENERGY SOURCES**
3. **INNOVATION TECHNOLOGY**



The RES objectives are calculated on the basis of EE objectives

Actions are defined for each priority area

The Plan sets 2030 targets but there are no indications on specific areas/structures- It's a STRATEGIC PLAN with no localization inputs or prescriptions

REGIONAL ACTIONS

1. **ENERGY EFFICIENCY** (Civil sector + SMEs)
2. **RENEWABLES ENERGY SOURCES** (Focus on PV and RECs, Wind energy)
3. **INNOVATION TECHNOLOGY** (R&D on Hydrogen, Waves Energy and Nuclear)

For each priority area specific actions are defined

- Based on the Regional Steering Committee meetings with stakeholders and Regional Technical working groups – **Bottom-up approach**
- Strong **sinergy with ERDF FUNDS programming**: for each technological option there is a direct link with the regional initiatives and calls in the framework of ERDF

EE 1st principle and Regio1st Project

EE1st principle in Regional Energy Planning

- Regional offices in charge of energy planning are interested and sensitive to the topic
- In the Regional Plan the principle is already partially considered in the calculation of RES targets (based on the saving of EE actions and provisions)

In the framework of Regio1st project IRE is working on raising awareness within Liguria Region (and other key stakeholders of Genoa and Savona Municipalities) on the EE1st principle



- ❑ Specific meeting with Liguria Region about CBA principles and application to the Liguria case through simulations run by IEECP (16th January 2025)
- ❑ Regional energy offices were interested in better understand how to use this tool in the mid-term revision of the Regional Energy and Environmental Plan (PEAR) that is now being finalized and is to be approved shortly

Thank you!

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