



ASSOCIAZIONE DELLE ENERGIE RINNOVABILI OFFSHORE

THE OFFSHORE WIND AND FISHING INDUSTRY

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presentation by

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The Association of Offshore Renewable Energies





I NOSTRI SOCI



Italian Shipping & Logistics Agency



ENERGIA 2020
soluzioni che guardano al futuro



GESTIONI INDUSTRIALI GROUP



AERO MISSION

Promoting the development of offshore renewable energies in Italy, by contributing to the creation of a clear, predictable, stable and transparent legal and regulatory framework, which will truly help the sector grow not only in terms of installed capacity, but also in building an Italian supply chain capable of generating wealth and jobs in our country.

Making Italy, at last, a leading industrial player in the development of renewable energies, given the decade-long experience and multiple skills that Italian companies have already acquired and gained in the field of construction and offshore logistics. We face a unique opportunity for our companies, our ports and our universities to work together.

Seizing - through the development of offshore renewable energies - a unique opportunity for the creation of jobs, for the economic and social development of coastal areas, for promoting technological innovation and, in so doing, for reversing the trend in terms of attracting and training talent at an international level, all to the benefit of our country.

Engaging local communities and increasing citizens' trust in offshore renewable energies and in their contribution to achieving energy independence and supply security, creating major opportunities in terms of growth of the local economy, while respecting the environment.



OFFSHORE RENEWABLES IN ITALY



- 8.300 Km of Coastline
- Efficient Port Network
- Central position in the Mediterranean Sea

**ITALY MUST PLAY A
LEADING ROLE IN THE
PROMOTION AND
EXPLOITATION OF
OFFSHORE RENEWABLE
ENERGIES**

The development of offshore renewable plants will bring benefits to industrial Italian sectors, such as shipbuilding, the construction industry, metallurgy and logistics.

Creation of new skills and jobs, opportunity of infrastructural investments in the harbour zones and opportunity of development of a new Italian industrial row that will support the development in our seas and could be of support and example for other Countries of the Mediterranean.

REQUIREMENTS TOWARDS THE INSTITUTIONS

- National minimum target of 8.5 GW to 2030 for renewable energy offshore
- Management Plan of the Marine Space
- Approval of agreements on Exclusive Economic Zones with neighbouring countries
- Infrastructural interventions in strategic port areas





BENEFITS FOR THE ITALIAN ECONOMY

8,5 GW by 2030 would guarantee:

- **Production of 25.5 TWh, the 7% of the nation's electricity needs**
- **Saving of 13,000 tons of CO₂ and 2.2 MTEP**
- **Creation of 27,000 new jobs**
- **Investment of 25 billion euro**

A SUSTAINABLE AND SHARED APPROACH

To combine the development of offshore renewables with the protection of the environment and local economies:

- Solid design, scientific research and innovation
- Protection of the territory and landscape
- Protection and preservation of marine ecosystems and birds
- Dialogue and sharing with stakeholders and all potentially involved business sectors



FINDING A BALANCE BETWEEN OFFSHORE WIND AND FISHERIES

- Encourage social dialogue between the promoters of offshore projects and the stakeholders involved

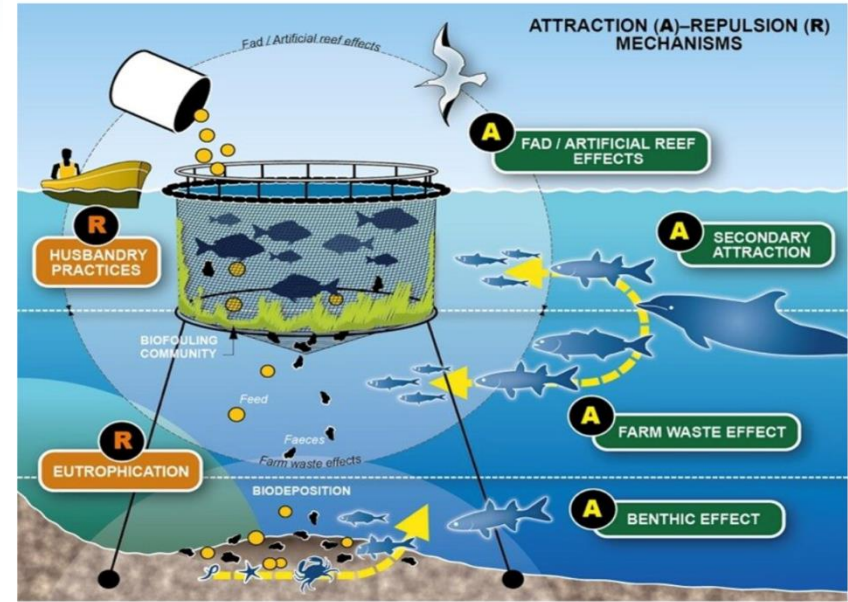
→ Offshore wind offers a strategic industrial solution that, in the interest of the country, allows to reconcile environmental protection, fishing activity and trade routes with the development of important renewable energy production capacities.

→ AERO aims to strengthen the path of comparison and communication with the fishermen of the large Italian navies: offshore wind plants can provide an opportunity to replenish fish stocks and marine habitats currently at risk or already compromised





Aquaculture facilities with "oxygenated" nets using the energy generated by the wind farm, made available to local fishermen.



Wind farms areas serve as new habitats where different ecosystems can thrive.

Profitable coexistence between energy hubs and fisheries → **Repopulation of fish stocks**

Energia rinnovabile, il falso mito dell'eolico in mare che distrugge la pesca
 teleambiente.it



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PESCA: AERO INCONTRA I RAPPRESENTANTI DELL'ALTO ADRIATICO MAMONE CAPRIA: "LAVORARE INSIEME PER DEFINIRE SINERGIE EFFICACI"



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COMUNICATO STAMPA

ENERGIA: SEMINARIO A CATANIA "EOLICO OFFSHORE: RICADUTE SULLA BIODIVERSITA' MARINA E LA PESCA"
 AERO: ESPERTI DEL SETTORE RIUNITI IN UNA TAVOLA ROTONDA.

**LA PESCA ITALIANA
 NELL'USO DELLO SPAZIO MARITTIMO**

Scenari futuri e riflessi socioeconomici

The fisheries sector, with its crucial role in the marine economy and ecosystem, deserves special attention in this period of change. Through the right measures we may hope for a future in which green energy and sustainable fishing coexist harmoniously.

→ ONGOING DISCLOSURE, RESEARCH AND SHARING



RENEWABLE ENERGY FROM THE SEA,

AN OPPORTUNITY AND A CHALLENGE FOR THE ENERGY TRANSITION!

THANKS FOR YOUR ATTENTION,

