

UN FUTURO MARITTIMO: VIA DI TRANSITO O COMPENSORIO ECONOMICO



SCYLLA AND CHARYBDIS, OR THE MODERN ULYSSES.

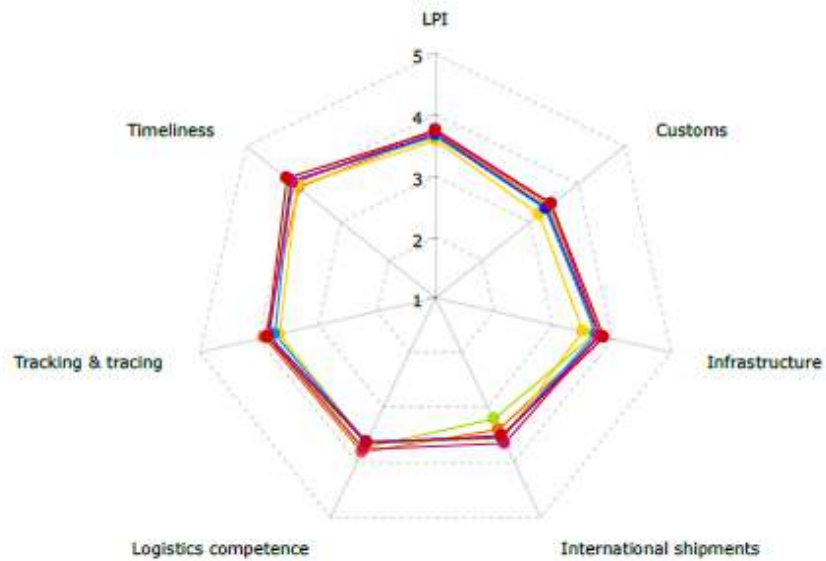
«QUESTO MARE È PIENO DI VOCI
[GIOVANNI PASCOLI, “PENSIERI E DISCORSI”]

**Credevo di essere arrivato in porto e sono stato rigettato in mare aperto
- GOTTFRIED WILHELM VON LEIBNIZ -**

Systeme nouveau de la nature et de la communication des substances (1695)

Logistics Performance Index

Italy 2023



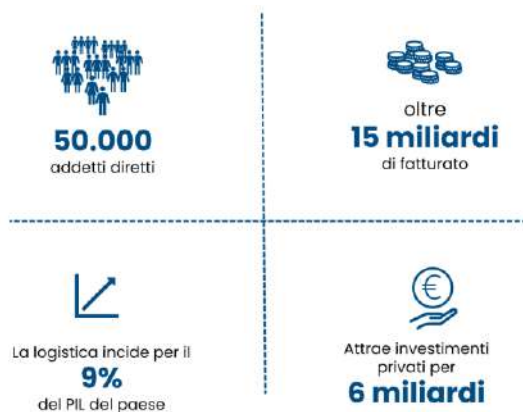
Leading Maritime Cities Report 2024



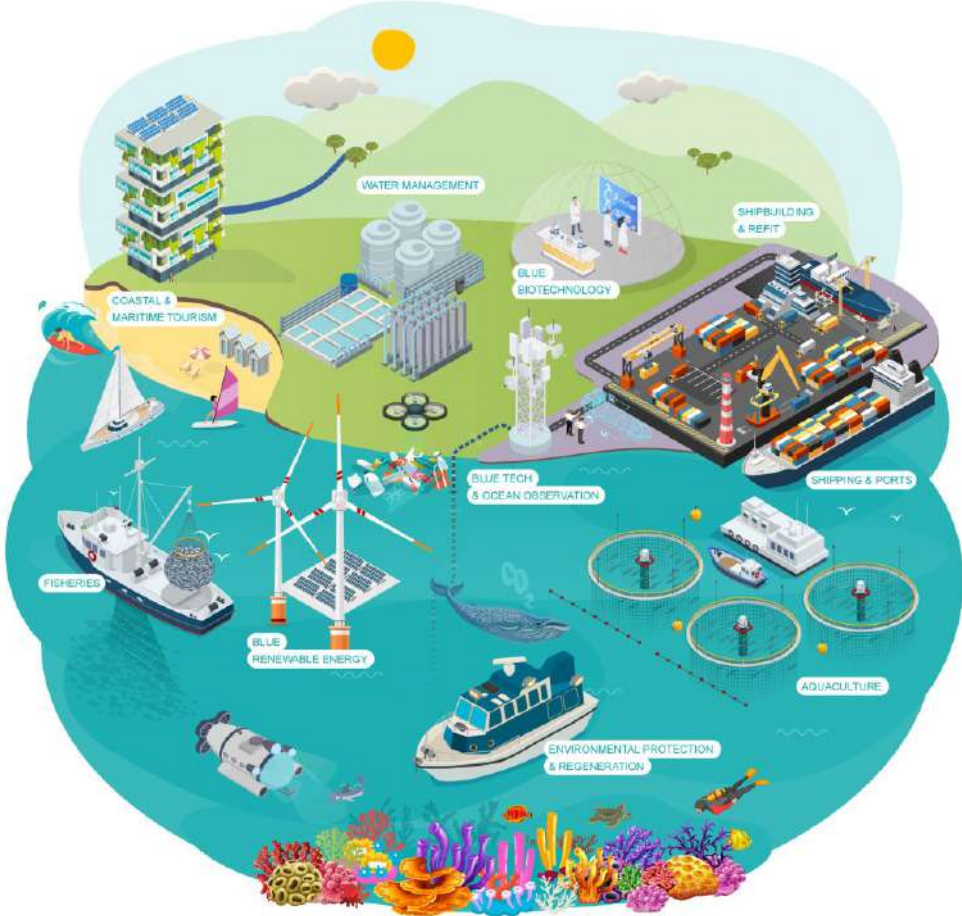
Avv. Alberto Cozzo

Associazione Siciliana Operatori Spedizioni e Logistica

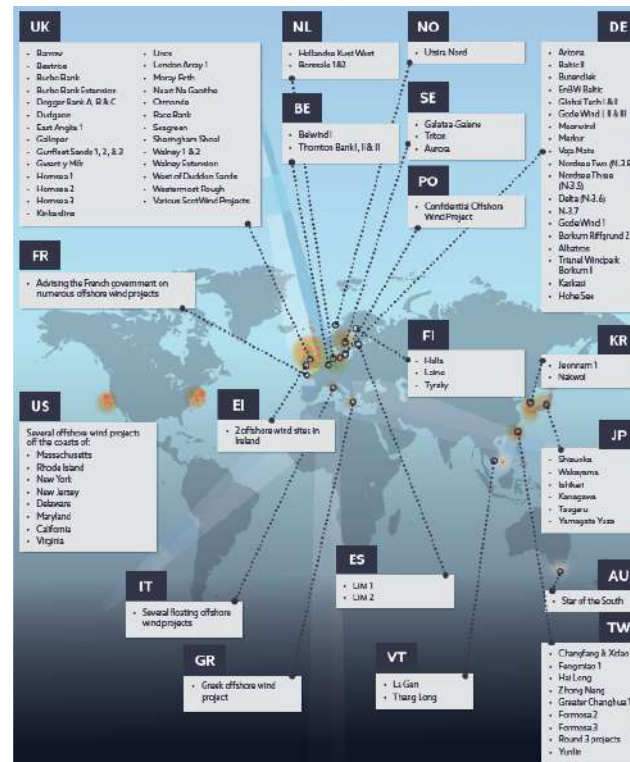
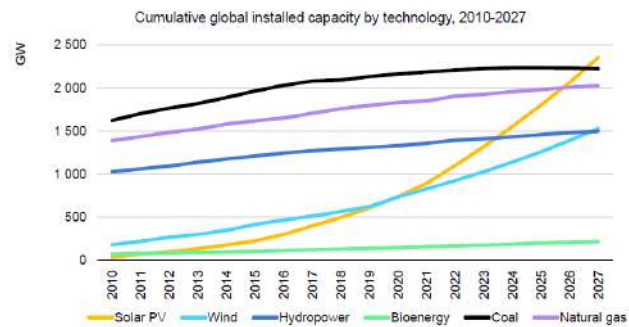
La merce al centro



Global Maritime Trends 2050



Vedi come i porti ed il mare pullulino di grandi navi! Quasi tutta la gente vive ormai sui flutti ...



Main activities

- Installing large components
- Installing export and array cables
- Building substation
- Commissioning
- Operating wind farm
- Performing scheduled maintenance
- Troubleshooting turbines in case of failure

Materials¹

- Wind turbine
 - Foundations : 150 kt (steel)
 - Transition pieces: 75 kt (steel)
 - Tower: 100 kt (steel)
 - Blades: 23 kt (fibre glass)
- Substation: 4 kt (steel, concrete)
- Cables
 - Export cables (50km): 5,000 t (copper)
 - Array cables (100km): 4,000t (copper)
- Blade: 75 t fibre glass / unit
- Large equipment: gearbox (~30t), power converter (~8t), generator (~10t), etc.
- Parts: <500 kg

Workers

- 200-400 construction workers
- 40-80 OSW technicians for commissioning
- 30-50 OSW technicians

Logistics

- 10-50 vessels and helicopters, e.g.,
 - Heavy lifting vessels
 - Cable installation vessels
 - SOVs
 - Helicopters
- 1-5 vessel(s), helicopter(s) and drone(s)
 - CTVs
 - SOVs
 - Helicopters
 - Drones

... ovunque si presenti una speranza di guadagno, ivi una flotta accorrerà (Iuv. 14, 275-278)

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Sector	Input	Farmers	Traders	Food companies	Retailers
Sales: US\$bn (approx.)	400	3,000	1,000	3,500	5,400
Number of players	100s	450 million	Tens	Thousands	Millions
EBIT %	15%	Variable	2–5%	10–20%	5%
R&D % sales	<1% (fertilizers) – 10% (seeds)	0%	<1%	1–2%	<1%
R&D spend: US\$bn	10	–	Low	8	Low
Composition/ Sub-sectors	<ul style="list-style-type: none"> • Seed • Fertilizer • Crop protection • Machinery • Animal health and nutrition • Crop insurance • Food ingredients 	<ul style="list-style-type: none"> • Grains • Fruit and vegetables • Meat • Dairy 	<ul style="list-style-type: none"> • Handling • Primary processing • Secondary processing 	<ul style="list-style-type: none"> • Bakery • Meat • Dairy • Snacks • Ready meals • Beverages 	<ul style="list-style-type: none"> • Multiples • Discounters • Wholesalers • Independents
Range	R&D-based majors to generic manufacturers	Smallholders to agroholdings	Global agribusinesses to local middlemen	SMEs to multinationals	Corner shops to hypermarkets

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Sarà totalmente libera l'esportazione ed
importazione ... delle derrate di ogni specie

[Costituzione di Sicilia stabilita nel generale straordinario Parlamento del 1812]