



GREEN  BERTH

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*Promotion of Port Communities SMEs role in Energy Efficiency
and
GREEN Technologies for BERTHING Operations*

Priority- Objective 1-1

Axe 1: Strengthening innovation capacities

Objective 1.1: Dissemination of innovative technologies and know-how



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GREEN PORT

Iniziative ambientali per il Porto di Venezia
Environmental actions for the Port of Venice



www.port.venice.it/greenport

GREEN  BERTH

Aria

Acqua

Suolo

Energia



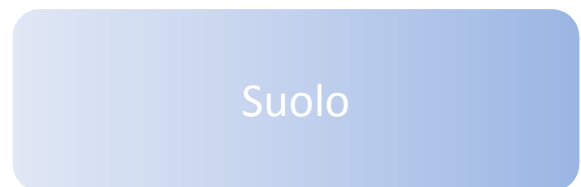
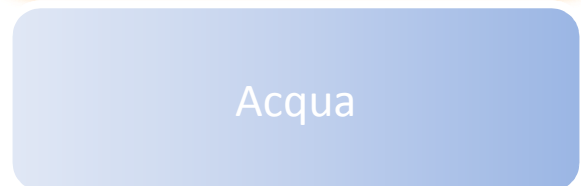
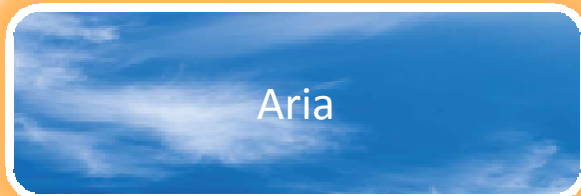
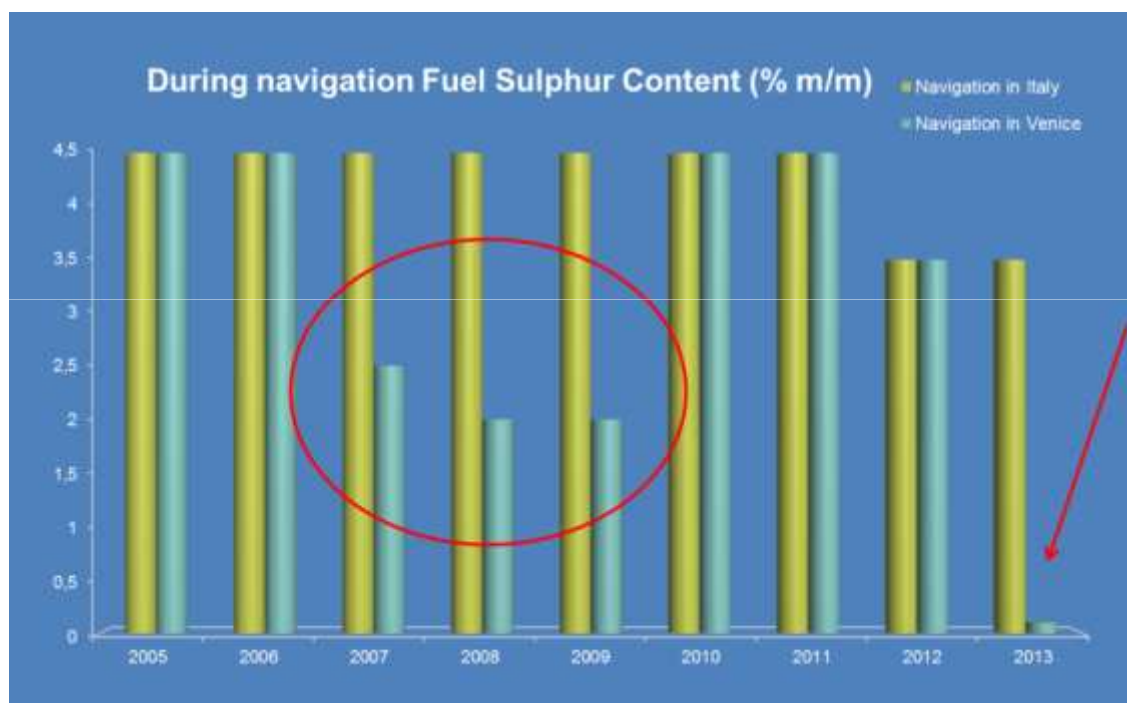
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VENICE BLUE FLAG 2007 - 2013



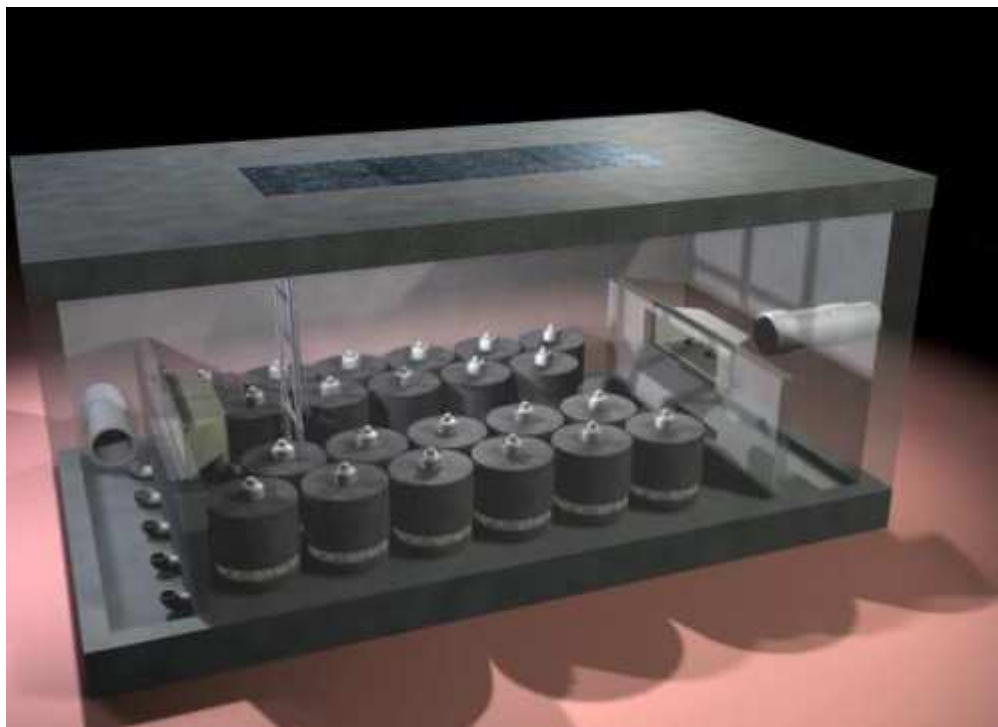
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Trattamento Acque Reflue



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Accordo Moranzani



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Torri Led Cold Ironing Mega Yacht



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WP3.2 – Presentazione del Piano di Efficienza Energetica



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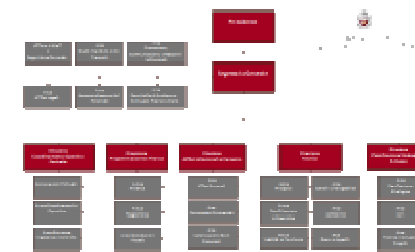




WP3.2 – Obiettivi del Task

WP3.2 – Piano Di Efficienza Energetica

- Valutare e mappare i processi decisionali e le soluzioni energetiche esistenti
- Progettare un Piano di Efficienza Energetica
- Creare un set di indicatori di Follow-up
- Suggestire un progetto pilota



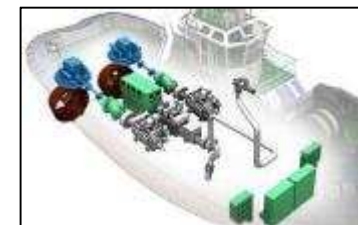
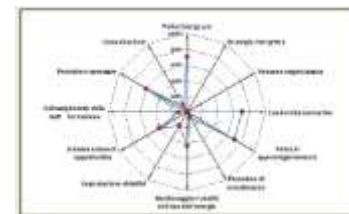
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Fasi principali

- **Definizione dell'ambito**
- **Analisi documentale**
- **Visita in sito**
- **Raccolta e analisi dei dati**
- **Revisione tecnologie**
- **Produzione e condivisione del Piano di Efficienza Energetica**



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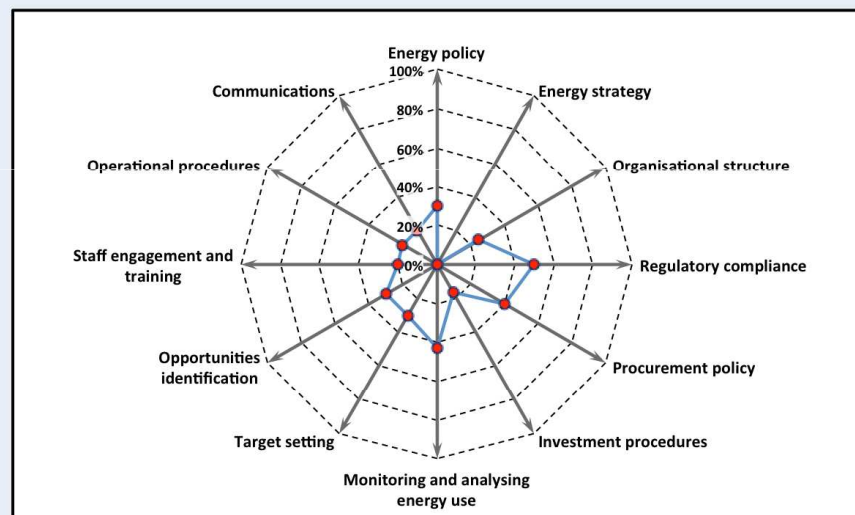
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Analisi: Best Practice per la Gestione dell'Energia

Risultato non soddisfacente: 35/128

Characteristic	Score		% score
	Actual	Max	
Management Commitment	6	32	19%
<i>Energy policy</i>	3	10	30%
<i>Energy strategy</i>	0	10	0%
<i>Organisational structure</i>	3	12	25%
Regulatory Compliance	5	10	50%
<i>Regulatory compliance</i>	5	10	50%
Procurement and Investment	6	22	27%
<i>Procurement policy</i>	4	10	40%
<i>Investment procedures</i>	2	12	17%
Energy information systems & identifying Opportunities	12	34	35%
<i>Monitoring and analysing energy use</i>	6	14	43%
<i>Target setting</i>	3	10	30%
<i>Opportunities identification</i>	3	10	30%
Culture & Communications	6	30	20%
<i>Staff engagement and training</i>	2	10	20%
<i>Operational procedures</i>	2	10	20%
<i>Communications</i>	2	10	20%
GRAND TOTAL	35	128	27%



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Analisi: Sistemi e tecnologie – Alcuni problemi, alcune soluzioni innovative

- Problemi



- Soluzioni innovative



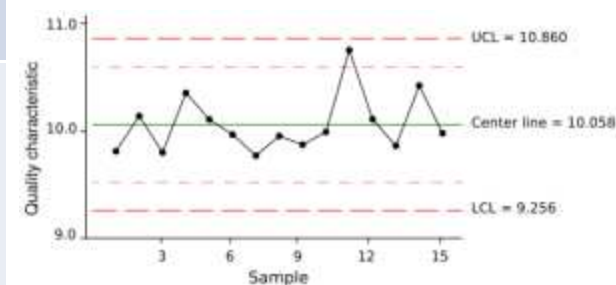
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Piano di Efficienza Energetica – Linee 1 e 2

#ID	Descrizione
1.	<p>Guidare con l'esempio</p> <ul style="list-style-type: none">• 'Federal' Leadership nella Gestione dell'Energia• Adozione di pratiche di gestione sostenibile delle proprie operation
2.	<p>Migliorare il controllo statistico</p> <ul style="list-style-type: none">• Qualitativo e Quantitativo• Competenze dello staff



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Piano di Efficienza Energetica – Linee 3 e 4

#ID	Descrizione
3.	Educare e sensibilizzare <ul style="list-style-type: none">• Competenze della dirigenza sull'Energy Management• Competenze degli operatori
4.	Dimostrare <ul style="list-style-type: none">• Organizzare visite a casi di studio• Promuovere e sostenere progetti pilota con pubblicazione dei dati e dei risultati



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