

# Breathing new energy

PORTI DI LA SPEZIA  
E MARINA DI CARRARA

MERIDIAN

Multimodal Activities Workshop



## Panel 1 – TRUCKS MONITORING SYSTEMS AND THE INTEGRATION WITH OTHER TRANSPORT MODES

“The last mile IT monitoring between the port of  
La Spezia and the dry port of S. Stefano Magra”

*Eng. Simone Pacciardi – Port System Authority of Eastern Ligurian Sea*

4th June 2025 – Transport Logistic Munich

[adspmarfigureorientale.it](http://adspmarfigureorientale.it)

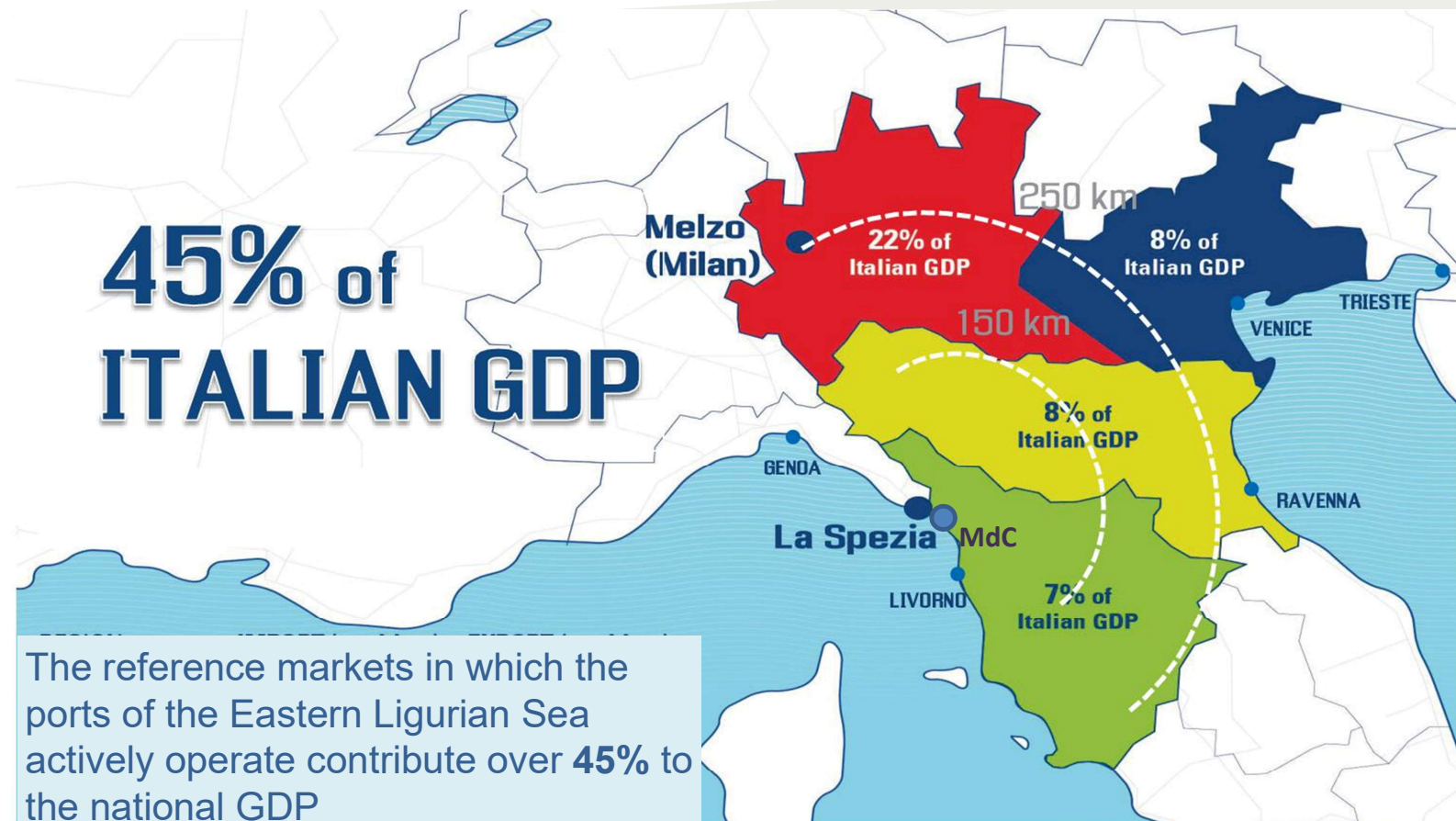


#AdSPMLOr

# THE EXTENDED NETWORK OF NATIONAL RELATIONS - PORT OF LA SPEZIA



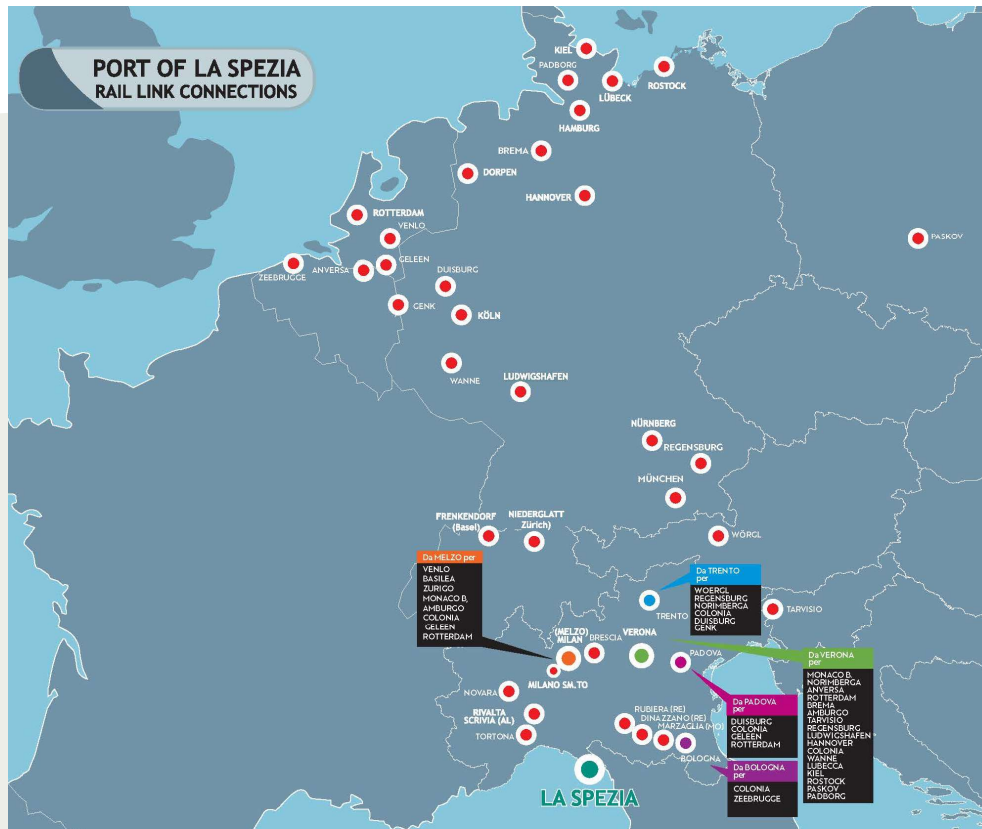
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# THE EXTENDED NETWORK OF INTERNATIONAL RELATIONS - PORT OF LA SPEZIA

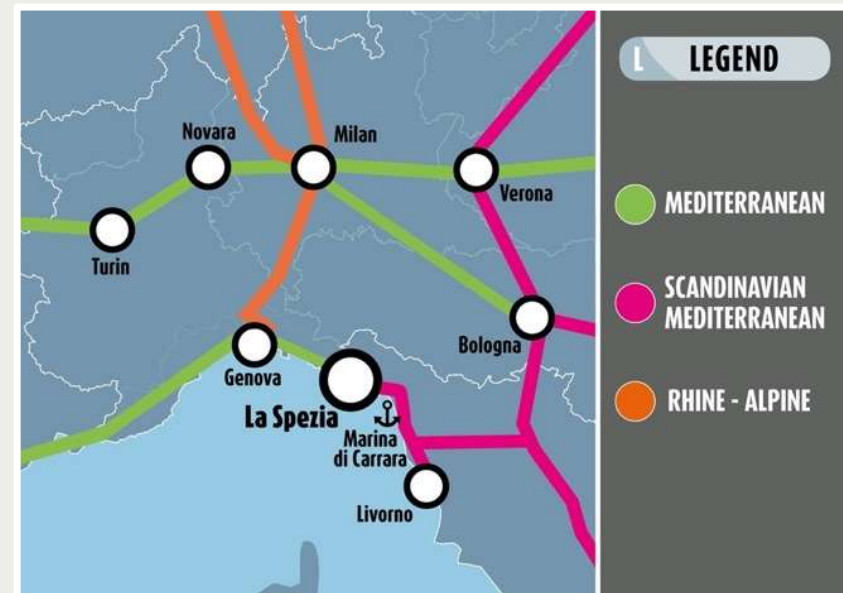


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~7,500 container trains a year from and to the main destinations in northern and central Italy

The Port of **La Spezia** is one of the European Core Ports in the new TEN-T network. In particular, it's the core port and is part of the **Scandinavian – Mediterranean** and **Mediterranean** corridors.

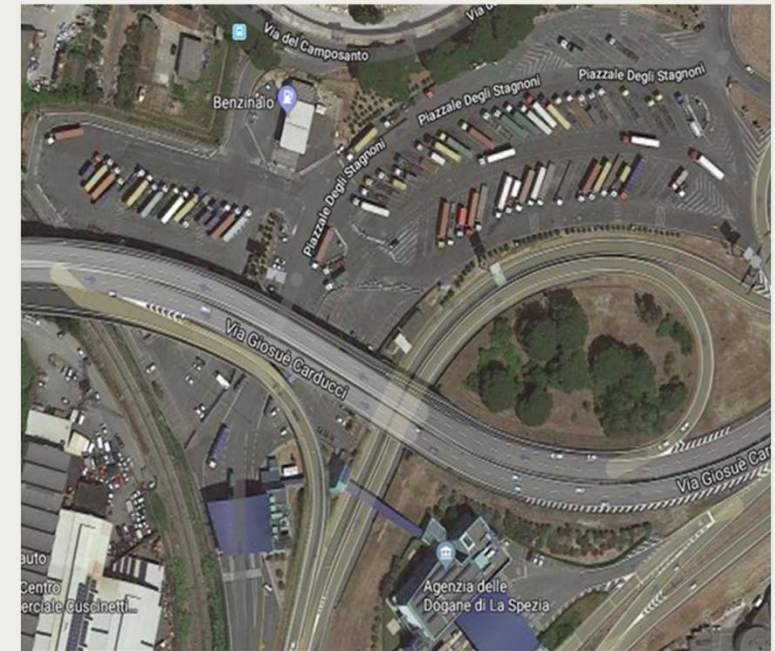


# ITS for the Port of La Spezia – Ursa Major neo and MERIDIAN projects



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**Issue:** The Varco Stagnoni - La Spezia port entrance park is currently used for parking during the registration process for collection or delivery of containers while waiting for a call to access the terminal waiting for a withdrawal opportunity. The presence of congestion in the park can cause problems for the entire port operations chain as well as for city traffic.



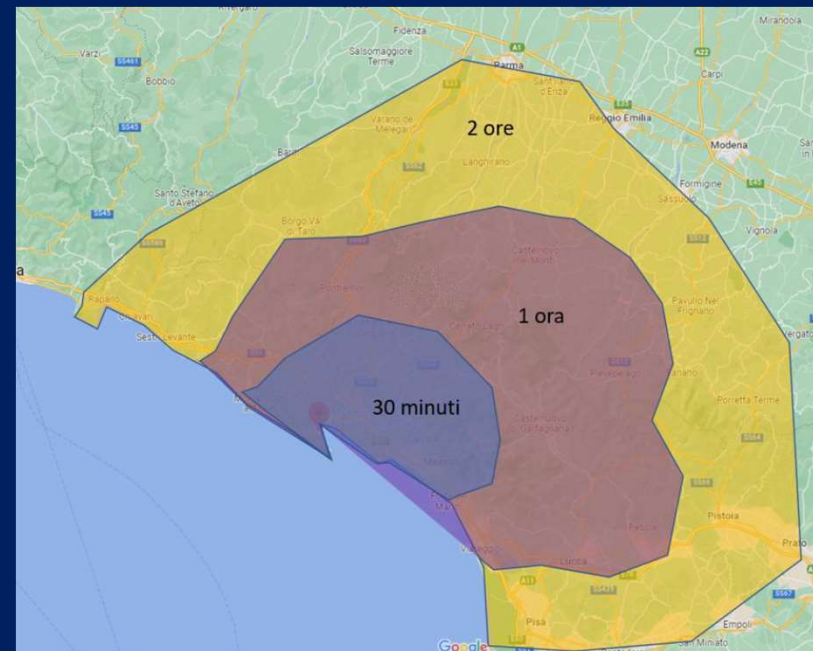
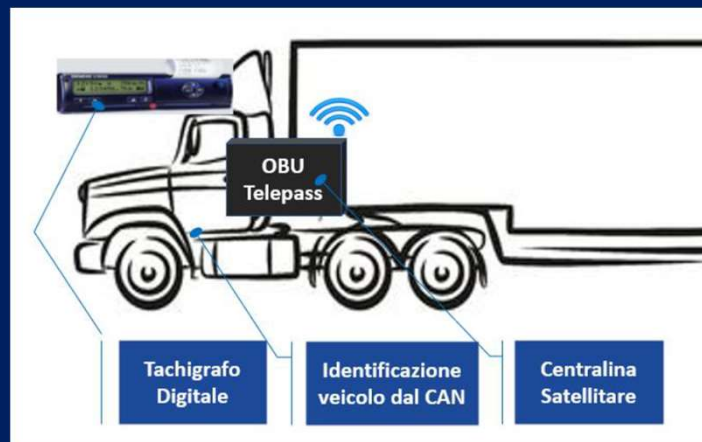
**Solution:** *The availability of traffic information in real-time helps the optimization of missions' scheduling by truckers, thus reducing the number of trucks coming to the port in case of congestion of the terminal or the gate entrance with the consequent phenomenon of queues*

# PCS of La Spezia Port – Track Hauler Module



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The Track Hauler Module is a reliable system which allows the digital exchange of information between the actors involved in the process.



# MERIDIAN - Appointment system at the Port of La Spezia – benefits



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To the Port Authority to receive the information of the transport/ truck missions arriving at the port/dry port

To the Gate operators and to the Terminal to receive in advance the information of the transport/ truck missions

Missione	Stato	Trasportatore	Autista	Veicolo	Stato autorizzazione	Eta	Annullato	Tipo	Containers	Movimenti Booking	Data pianificata	Azioni
9661181-9661186	PENDING				●		✓	EXPORT			15/12/2023	
9661187-9661192	PENDING				●		✓	EXPORT			15/12/2023	
9661197-9661199	PENDING				●		✓	IMPORT			15/12/2023	
9661232-9661237	PENDING				●		✓	EXPORT			15/12/2023	
					●		✓	IMPORT			15/12/2023	
9661343-9661712	PENDING				●		✓	IMPORT			15/12/2023	
9661338-9661713	PENDING				●		✓	EXPORT			15/12/2023	
9663125-9663130	PENDING				●		✓	EXPORT			15/12/2023	
					●		✓	IMPORT			15/12/2023	
9663135-9663140	PENDING				●		✓	EXPORT			15/12/2023	
					●		✓	IMPORT			15/12/2023	
9663149-9663153	PENDING				●		✓	EXPORT			15/12/2023	
					●		✓	IMPORT			15/12/2023	
9663175-9663179	PENDING				●		✓	EXPORT			15/12/2023	
					●		✓	IMPORT			15/12/2023	

# THE DRY PORT OF S. STEFANO MAGRA



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The dry port area of S. Stefano Magra, about 8 km from the port of La Spezia, represents a fundamental strategic asset for the entire port system:

1. Inclusion in the La Spezia hub railway district
2. Rail Road Terminal Core Ten-T network
3. Custom single window service (operational centre for goods control - from 2020)
- 4. Intermodal platform with a development project with a view to a railway terminal for train certification and composition.**
5. Definition of governance from a perspective of dry port
6. ZLS development
7. Port-inland port energy communities
8. S.U.DO.CO. – Custom single window service



- ✓ Intermodal logistics platform - €13.76 million for the construction of the 3rd investment lot
- ✓ 600,000 m2 available for logistics activities
- ✓ 80 thousand square meters of area under ADSP competence

# THE ROAD SHUTTLE SERVICE OF CONTAINERS

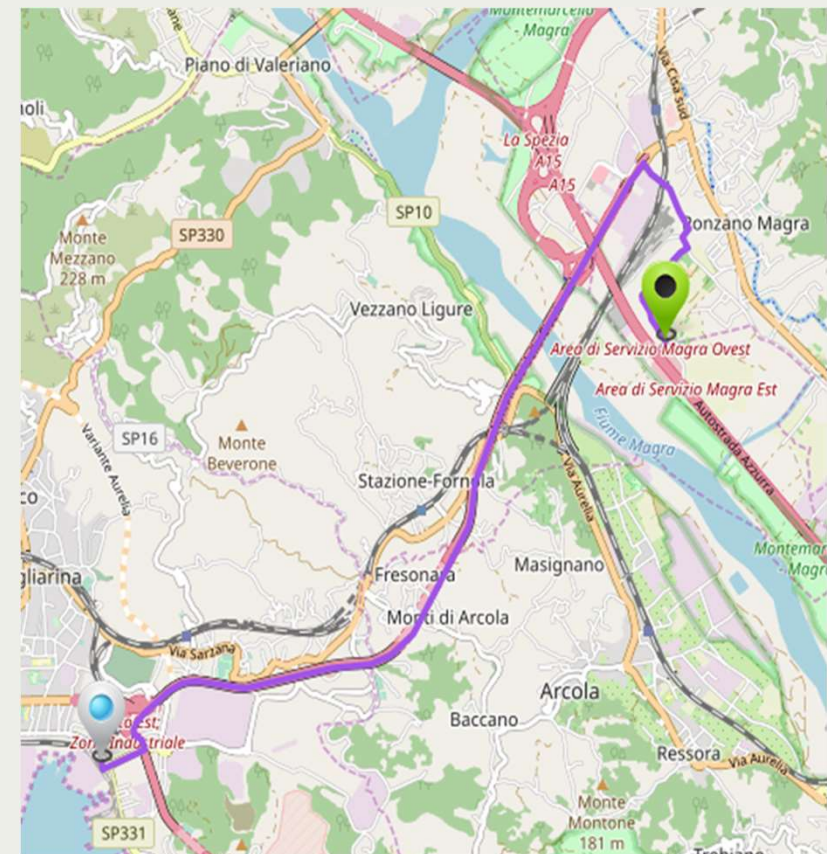


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The AdSP has contracted the Service of General Economic Interest of road "shuttle" of containers from the hinterland area of S. Stefano Magra to the docks of the port of La Spezia and vice versa.

The service is aimed at supporting the railway service and developing intermodal traffic following the works that are underway to strengthen the railway tracks in La Spezia Marittima. The works will lead to a temporary reduction in rail capacity in the port with a consequent more intensive use of the railway yard in the hinterland of S. Stefano di Magra.

The primary objective of the ADSP MLO is to maintain a high railway efficiency of the La Spezia hub, strengthening the operations of S. Stefano di Magra as an intermodal platform



# HOW TO MONITOR?



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Menu ☰ Milos TFP

Cofinanziato dall'Unione europea  
**MERIDIAN**

interreg CENTRAL EUROPE  
ACCESSMILE

Corridoi / Missione FC

**SALVA** **RIPRISTINA**

### Missione FC

Codice  
5c5ac5e9-3c78-11f0-8825-0242ac12000e

Stato  
COMPLETED

Note

Veicolo  
DL835GB

Autista  
Kice Albano

Ora pianificata di inizio  
30/05/2025 11:40:55

Container

Numero

HLBU4084806

Eventi

Tipo evento	Ora evento	Origine	Azioni
SCHEDULED	30/05/2025 11:40	WEB_SERVICE	
STARTED	30/05/2025 11:40	MOBILE_APP	
START_POSITION_CHECK	30/05/2025 11:40	BACKEND_APP	
ENDED	30/05/2025 12:04	MOBILE_APP	
END_POSITION_CHECK	30/05/2025 12:04	BACKEND_APP	
END_MISSION_REPORT	30/05/2025 12:04	BACKEND_APP	

Risultati da 1 a 6 di 6

# RESULTS



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- More than **37000** mission registered in 1 year
- More than **1100** trains handled in 1 year
- **Intermodal share of the La Spezia Port 37%**

TRAFFICI LAVORATO (LOC.) TOTALI MENSILI						
MESE	TOT MENSILI	SP MARITTIMA	SP MIGLIARINA	CALATA PAITA	ADSP PONTR	PONTREMOLESE
Gennaio 2024	358	173	109	41		35
Febbraio 2024	449	214	122	60		53
Marzo 2024	507	250	128	66		63
Aprile 2024	627	293	167	89		78
Maggio 2024	668	306	172	94	2	94
Giugno 2024	661	322	165	71	20	83
Luglio 2024	461	219	118	7	59	58
Agosto 2024	622	299	158	0	93	72
Settembre 2024	675	336	160	0	99	80
Ottobre 2024	712	345	176	0	108	83
Novembre 2024	660	295	156	0	115	94
Dicembre 2024	669	321	142	0	114	92
Gennaio 2025	592	294	132	0	121	45
Febbraio 2025	666	346	121	0	136	63
Marzo 2025	601	305	122	0	117	57
Aprile 2025	669	331	123	0	128	87

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Many thanks for  
your attention!

Eng. Simone Pacciardi

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#AdSPML0r