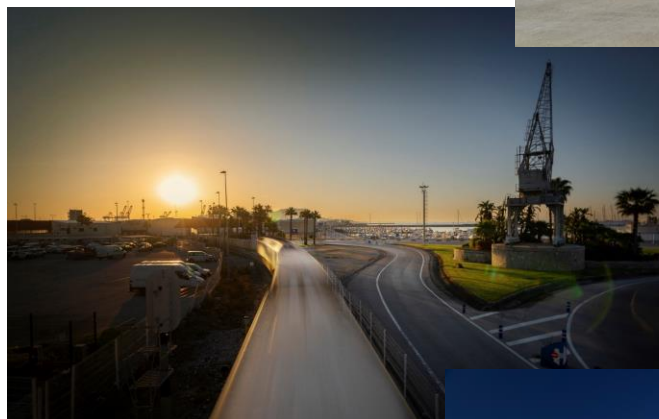




**ATLANTIC RAIL FREIGHT CORRIDOR**  
**MEETING OF THE EXECUTIVE BOARD**  
10 of DECEMBER

**Terminal Advisory Group presentation**  
**Álvaro Sebastian Fdz. on behalf of Luis Núñez, TAG spokesman**  
Strategy & European Affairs Algeciras Bay Port Authority





# ATLANTIC CORRIDOR TIMELINE EVOLUTION



1991

- The aim of Regulation (EU) No 913/2010 of 22 September 2010 is to improve the efficiency of rail freight transport relative to other modes of transport through the creation of 11 European rail freight corridors.

The Management Board set up 2 advisory groups:

- An advisory group made up of managers and owners of the terminals of Atlantic Corridor including seaports (TAG)
- An advisory group made up of railway undertakings interested in the use of Atlantic Corridor (RAG)



Council Directive 91/440/EEC, of 29 July 1991, on the development of the Community's railways

Directive 2001/14/EC of the European Parliament and of the Council, of 26 February 2001, on the allocation of railway infrastructure capacity and the levying of charges for the use of railway infrastructure

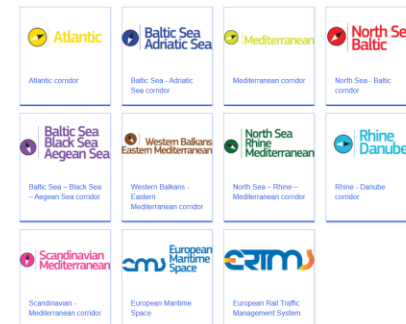


Directive 2012/34/EU of the European Parliament and the Council, of 21 November 2012, establishing a single European railway area have been important steps in the creation of the internal rail market.



In accordance with the conclusions of Regulation (EU) 913/2010, the Rail Freight Corridor N°4 was established on the 10 November 2013. By the annex II of Regulation (EU) 1316/2013, this corridor was renamed to Rail Freight Corridor "Atlantic" and was extended to Mannheim and Strasbourg in 2016, and connecting with Algeciras at the South of Europe

## 2024 TEN-T REVISION

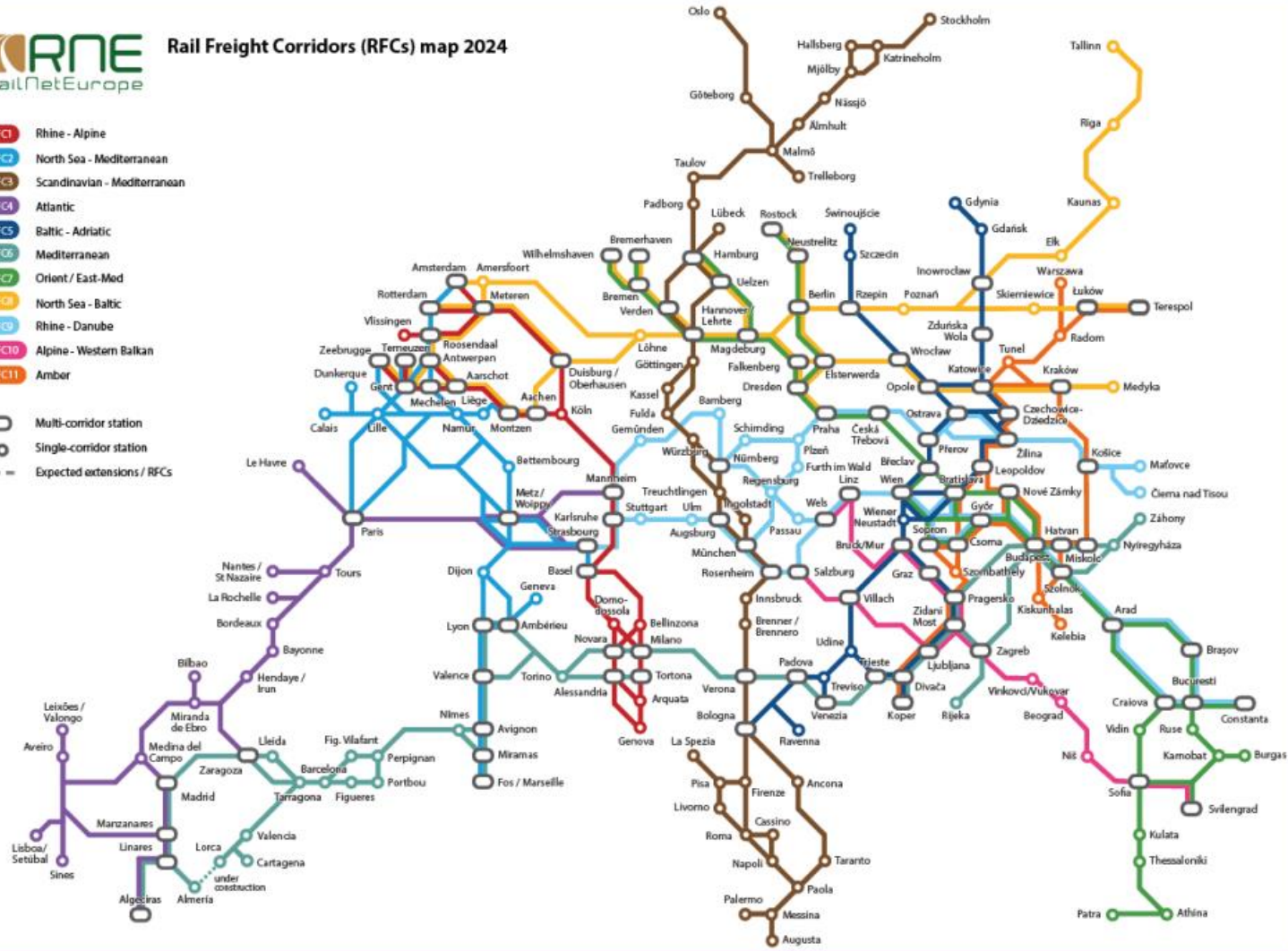


- Strengthened coordination across borders by 2030.
- *Ports and multimodal terminals as key in this new strategy as logistics and energy hubs.*
- Emphasis on interoperability, with tools like ERTMS (rail traffic system) deployed corridor-wide.
- **DUAL USE INFRASTRUCTURE**  
Infrastructure suitable for both commercial and strategic (military) uses.



Rail Freight Corridors (RFCs) map 2024

- RFC1 Rhine - Alpine
  - RFC2 North Sea - Mediterranean
  - RFC3 Scandinavian - Mediterranean
  - RFC4 Atlantic
  - RFC5 Baltic - Adriatic
  - RFC6 Mediterranean
  - RFC7 Orient / East-Med
  - RFC8 North Sea - Baltic
  - RFC9 Rhine - Danube
  - RFC10 Alpine - Western Balkan
  - RFC11 Amber
- Multi-corridor station
  - Single-corridor station
  - Expected extensions / RFCs



The creation of freight corridors should ensure continuity along corridors, providing the necessary interconnections between the existing rail infrastructures.

Consequently, one of the main focus of the RFCs would be the continued boosting of interoperability for the rail transport throughout Europe.



With regard to the Atlantic coast, the European Commission has selected the Rail Freight Corridor “Atlantic” connecting Portugal, Spain France and Germany.

**Rail Freight Corridor “Atlantic”** crosses the following major urban nodes:

- *Mannheim in Germany,*
- *Paris in France*
- *Madrid in Spain*
- *Lisbon in Portugal*

Where some of the major terminals for international rail freight traffic are located.

“Sines-Lisbon / Leixões – Alfarelos / Medina del Campo – Madrid, Sines – Elvas – Algeciras, Madrid – Medina del Campo / Bilbao / Zaragoza / San Sebastian –Irun/Hendaye – Bordeaux – La Rochelle / Nantes St Nazaire - Paris / Le Havre / Metz - Strasbourg / Mannheim”

\*which constitute the hubs of the corridor.



Unifilar Diagram



**6200 km of existing lines, it includes heterogeneous characteristics of rail infrastructure as represented in the following map**



# Update on terminals in Atlantic RFC – QUICK VIEW

	PORTUGAL	SPAIN	FRANCE	GERMANY
+15 PORTS	5 Port of Aveiro Port of Setubal Port of Sines, Port of Lisboa and Port Leixões.	4 Port Of Algeciras Port Of Huelva 24.313 TEUs Port of Sevilla Port of Bilbao	7 Port of Le Havre Port of Strasbourg Port of Paris (Haropa), port of Nantes, Port of La Rochelle, Port of Bordeaux and Port of Bayonne	
50 INLAND TERMINALS	PORTUGAL	SPAIN	FRANCE	GERMANY
	14 Operational Terminals  VALONGO; VILA NOVA DE GAIA; PAMPILHOSA; MANGUALDE; GUARDA; ALFARELOS; ENTRONCAMENTO; TVT; BOBADELA; CONTEPARQUE; ALB; SPC; ALCONT; POCEIRÃO.	17 Operational Terminals  IRÚN; PASAIA, JÚNDIZ; BILBAO; NOAIN; TERCAT; VALLADOLID; ZARAGOZA; ABROÑIGAL; VICÁLVARO; COSLADA, MAJARABIQUE TEUs: 18.032 TEUs, CÓRDOBA EL HIGERÓN, SAN ROQUE; <b>3 NEW TERMINALS:</b> Badajoz, Mérida, Navalморal	10 Operational Terminals  LE BOURGET; NOISY-LE-SEC; WOIPPY; HAUSBERGEN; VALENTON; SAINT-PIERRE-DES-CORPS; COGNAC; BORDEAUX – HOURCADE; BAYONNE – OUGUERRE; HENDAYE; AMBROGIO	10 Operational Terminals  BECKINGEN PUHL; LUDWIGSHAFEN KTL; LUDWIGSHAFEN CONTARGO; MANHEIM CONTARGO; MANHEIM DP WORLD LOGISTICS; MANHEIM-HANDELSHAFEN DUSS; KIRKEL TERMINAL; GERMERSHEIM DP WORLD LOGISTICS; SAARBRUECKEN





**WORKSHOP**  
**Ports & Rail**  
**Ten-T Intermodal**  
**Transport**

ALGECIRAS, 21<sup>th</sup>-22<sup>th</sup> NOV 2023



**19th Meeting of the Mediterranean & Atlantic Core Network Corridor Forum.**  
Algeciras, Córdoba & Seville 2023

# Update on Algeciras-Zaragoza RAILWAY Connection

## Renovation of the Bobadilla-Algeciras Railway Line



### Strategic Role

This line is crucial for access to the Algeciras Port and connects the Atlantic and Mediterranean Corridors.

It supports the Algeciras-Zaragoza Rail Motorway, aiming to increase freight traffic.



### Investment and Upgrades

Master Plan includes over **470 million euros to renovate and electrify 176 km of track**, aligning with European standards for interoperability.

#### ACTUACIONES FERROVIARIAS

#### Actuaciones en el itinerario Algeciras - Zaragoza



#### 92 ACTUACIONES PREVISTAS EN ESTRUCTURAS

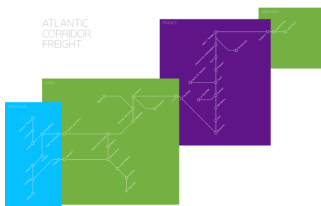
- 43 Túneles
- 41 Pasos superiores
- 8 Puentes metálicos

#### TÚNELES

Córdoba - Sta. Cruz de Mudela	13
Túnel de Torralba	1
S. Fdo. Henares - Sta. Mª Huerta	7
Sta. Mª Huerta - Calatayud	7
Calatayud - Ricla	11
Ronda - Algeciras	

#### PASOS SUPERIORES Y Puentes METÁLICOS

Bobadilla - Sta. Cruz de Mudela	115
Sta. Cruz de Mudela - S. Fdo. de Henares	108
S. Fernando Henares - Sta. Mª Huerta	71
Sta. Mª Huerta - Calatayud	67
Aranjuez	
Puentes Metálicos	



## Renovation of the Bobadilla-Algeciras Railway Line



**Track and Infrastructure Improvements:** Ongoing work on the Bobadilla-Ronda section; renovations on Ronda-Cortes-San Pablo completed; work continues on San Pablo-Almoraima.

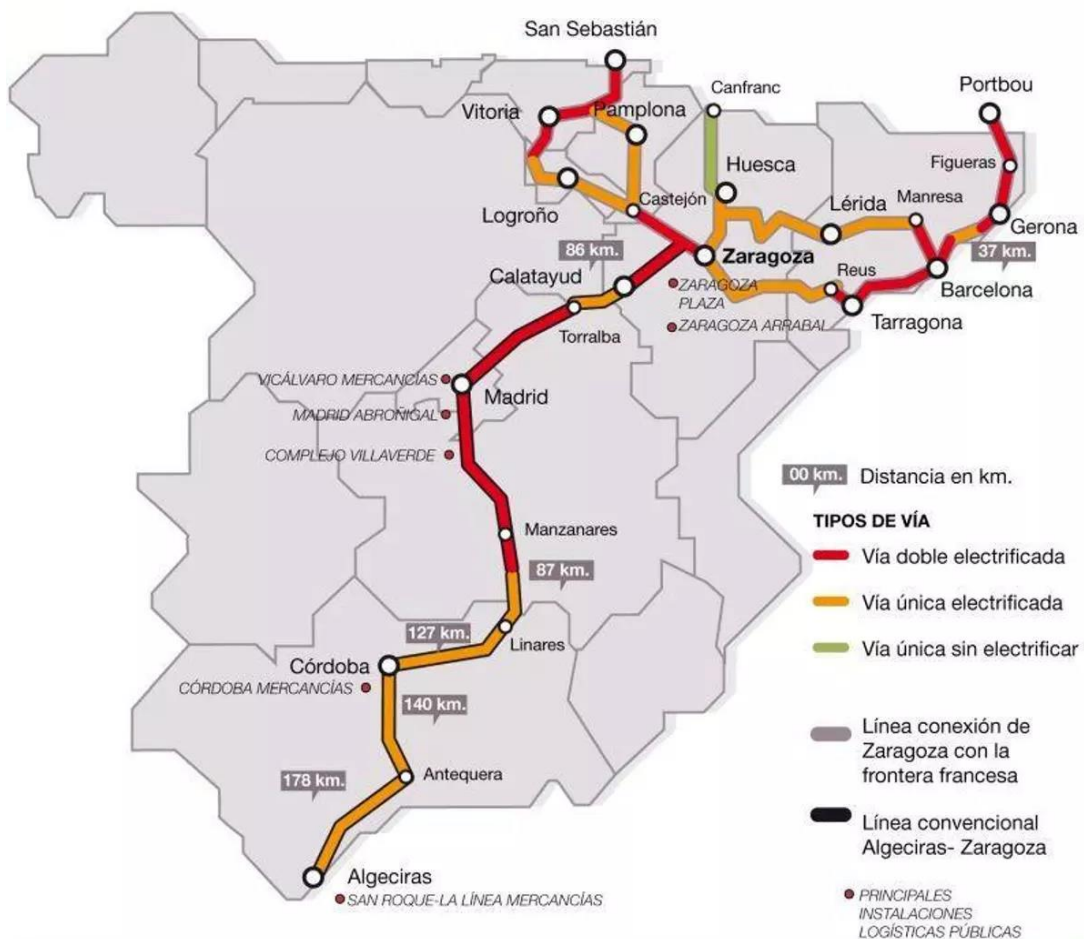
**Electrification and Signaling:** Electrification of key sections and signaling system upgrades are being implemented to enhance safety, efficiency, and speed.

**Port of Algeciras Enhancements:** Expansion of railway terminals and a new technical facility at Botafuegos will boost rail freight capacity.

**The Ministry of Transport supports these upgrades, enhancing rail freight capacity to support regional decarbonization and sustainable transport in southern Europe.**



EL CORREDOR ALGECIRAS.ZARAGOZA



- **Complete Closure at Vicalvaro Cargo Hub (Nov 1-7)** Affects the Azuqueca–Algeciras route (no circulation possible).
- **Complete Closure Between Villaverde Bajo and San Cristobal Industrial (Nov 1-4)** Impacts the Azuqueca–Algeciras route; access to Abruñal is possible for those three days (if space permits) and allows for return to Algeciras.

## Timeline for Gauge Expansion on Algeciras – Zaragoza Freight Axis

### Actions updated Timeline:

- **Line 200, Madrid–Zaragoza:** Tunnel and bridge closures from April 2025 to January 2026 (7 months + 1.5 months for service readiness).
- **Line 400, Madrid–Córdoba:** Tunnel and bridge closures following Madrid–Zaragoza, from January to October 2026 (7 months + 1.5 months for service readiness).
- **Line 420, Algeciras–Bobadilla:** Includes stabilization of Almargen slope, tunnels, and bridges. Closure will overlap with Line 400, from January to November 2026 (10 months).

## Temporary Capacity Restrictions

A Plan of Temporary Capacity Restrictions (TCRs) is built according to the works foreseen by each of Atlantic Corridor Infrastructure Manager.



*CLOSURE DUE TO  
RAILWAY WORKS*

A TCR List is published by the TCR Coordinator on the RFC website, and since 2024 the IMs begun to tackle the cross border TCR in a more coordinated way.

The coordination of works planned for Atlantic Corridor ensures that planned capacity restrictions take into account both, the needs of the IMs and the market needs, by rationalizing and minimizing the gravity of impacts and duration of the capacity restrictions as much as possible.

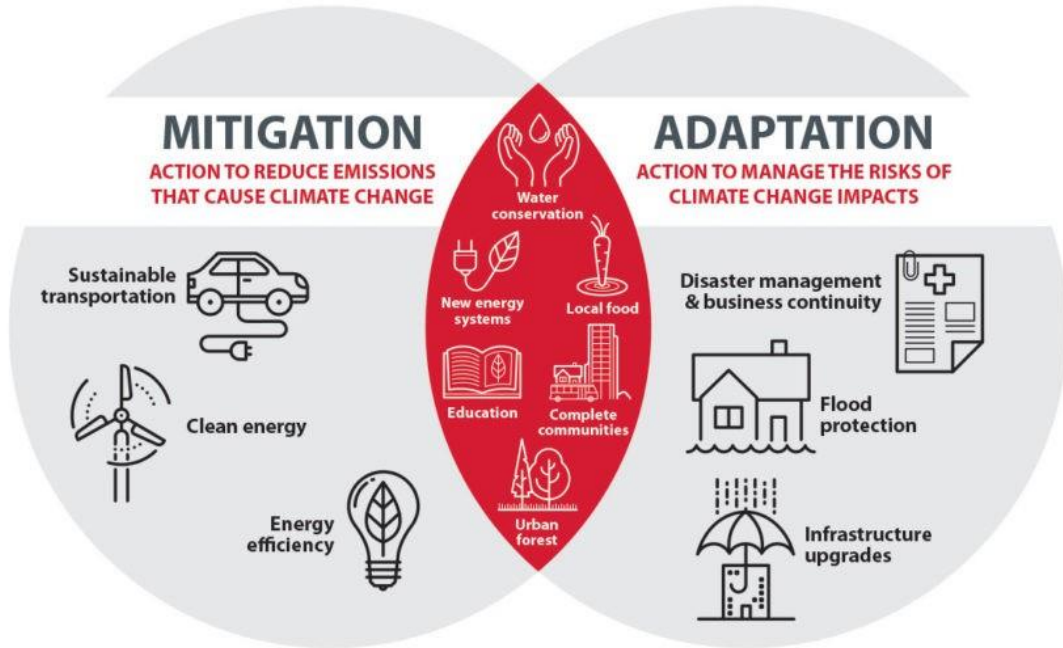


**TCR**



*Climate Damage*

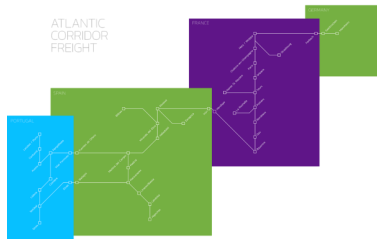
# Building Climate Resilience



Valencia 2024

## ADIF is working on the rehabilitation of the three train lines in Malaga affected by the rains

The technicians will give priority to the restoration of traffic on the Cordoba-Bobadilla-Algeciras axis. Since yesterday, rail traffic has been interrupted at several points



Málaga 2018



**Challenges:**

2023 faced weather-related incidents as examples harsh storms in Portugal & Spain.

**HOW WE CAN APPROACH TO A SOLUTION TO HANDLE THIS TCR?**

- 1. Enhanced coordination on infrastructure resilience and real-time incident management systems.**
- 1. A protocol to assist emergency about this subjects**
- 2. Mitigating TCR impacts through monthly cross-border planning meetings**
- 3. Create funds with this focus**



## European Fund Reforms for Valencia's Reconstruction

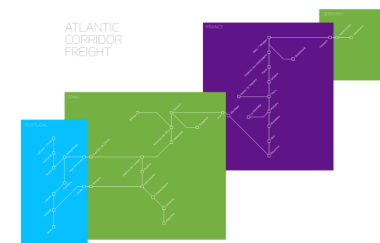
Spain plans to reform the allocation of European funds to address the reconstruction needs of Valencia after recent severe flooding. This proposal has been submitted to the EU, which has shown a positive response.

### NEXT-GENERATION Funds reorganization:

- *Addendum to the Recovery Plan to reallocate funds that are not yet used towards these objectives.*
- *It is intended that this aid will arrive before the end of the year.*
- *A list of Priority Projects has been defined*

- **Focus on Resilient Hydraulic Works**

**Strengthening these structures is essential to protect against the growing risks posed by climate change.**





# Zaragoza Maritime Terminal



# LANDMARK INTERMODAL LOGISTICS PLATFORM

## IN SPAIN

Number One inland rail goods terminal in the State in terms of activity and capacity

# What is the tmZ?

Number One inland rail goods terminal in the country in terms of activity and capacity.



## DRIVING THE ARAGONESE ECONOMY

The efficiency of intermodal logistics has boosted the internationalization and competitiveness of Aragon's economy over a very short period.



## INLAND PORT

An operational and administrative extension of the ports inland.



## AGRI-FOOD LOGISTICS PLATFORM

And perishables, thanks to its cold chain, integrated in Mercazaragoza.



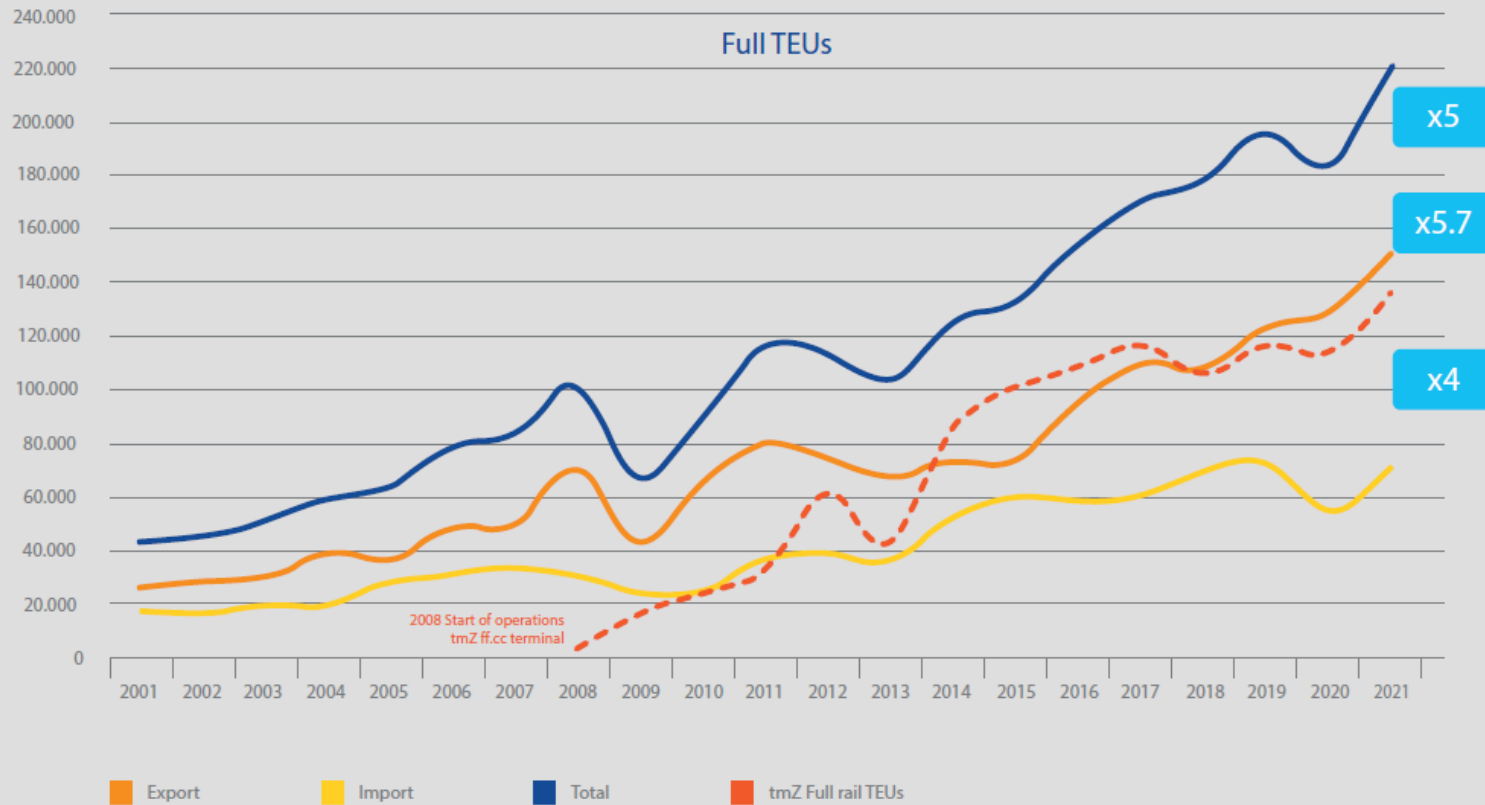
## RAIL HUB

Promotes the development of routes joining the tmZ to other inland rail sites.

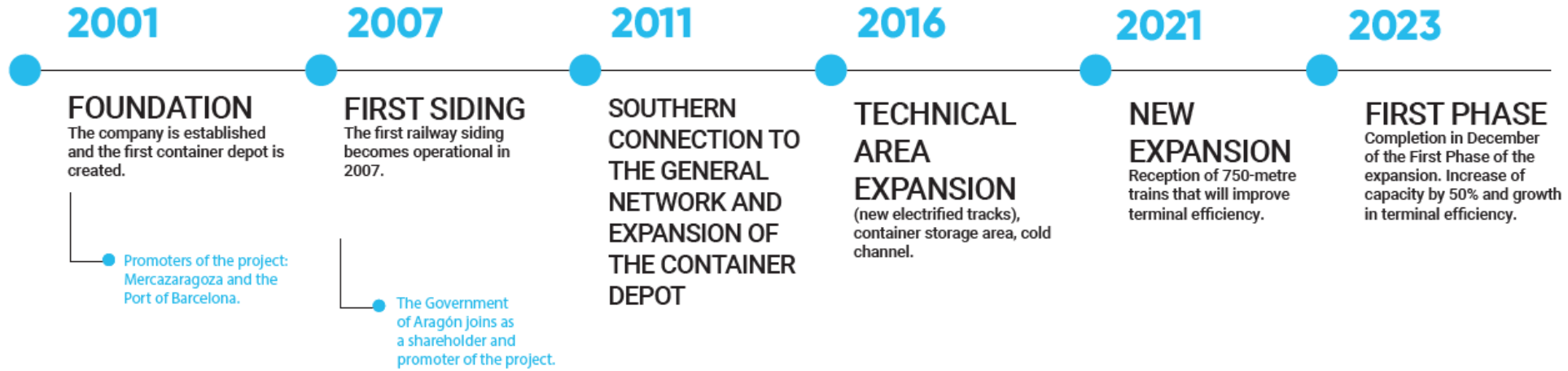


# DRIVING THE ARAGONESE ECONOMY

Growth in Aragon of international maritime trade linked to the growth of tmZ (TEUs)



# For more than 20 years



# Situación y ubicación

**125.677 m<sup>2</sup>**  
Total superficie tmZ

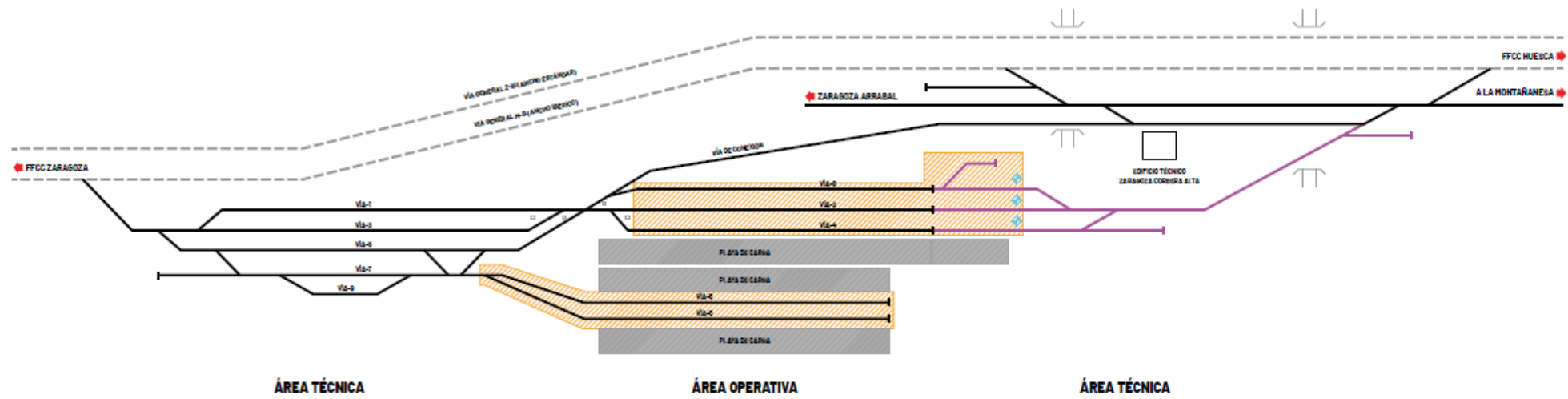
**30.185 m<sup>2</sup>**  
Superficie ampliación

**20.000 m<sup>2</sup>**  
Ampliación terrenos Adif



# Infraestructura tmZ

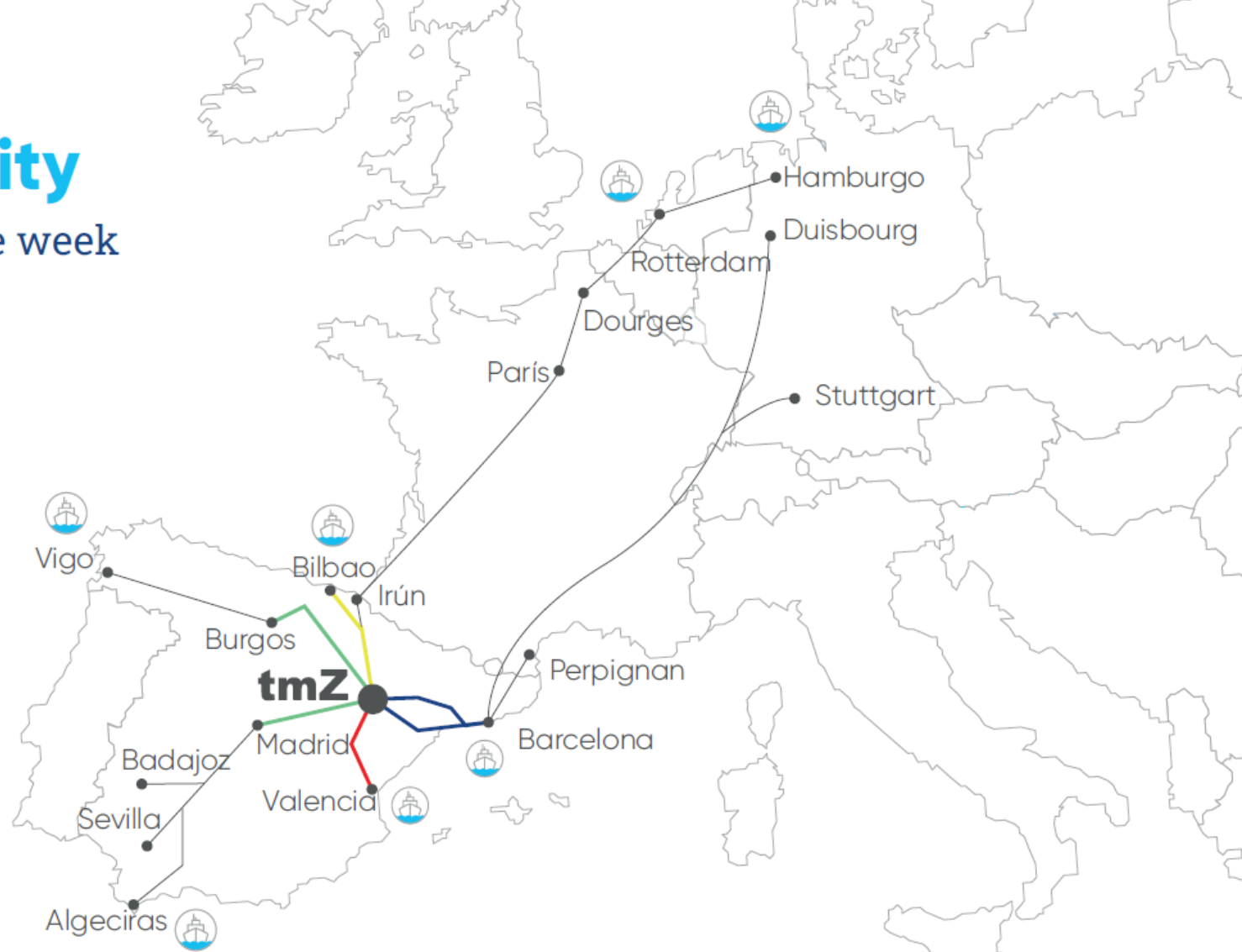
Próxima ampliación



**AMPLIACIÓN tmZ - TERMINAL PASANTE**  
Conexión directa hacia el norte a partir de la prolongación de las vías de C/D

# Connectivity

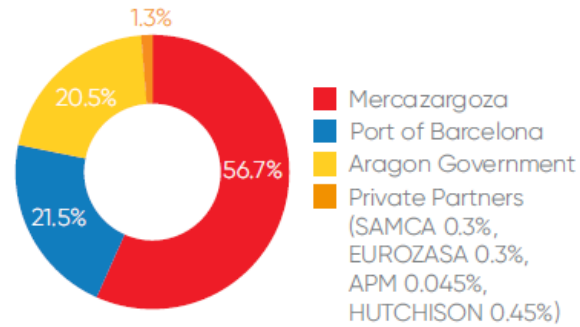
70 trains / average week



- tmZ Port of Barcelona
- tmZ Port of Bilbao
- tmZ Port of Valencia
- tmZ Inland connectivity

# The success of public-private partnership

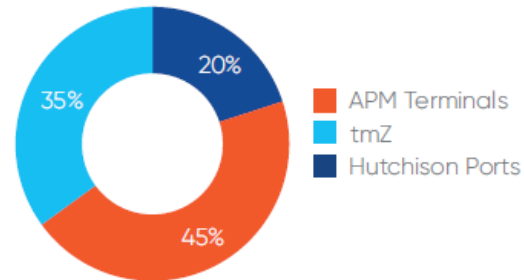
## Business structure



### tmZ S.L. (patrimonial)

#### FUNCTIONS

- Management and development of rail infrastructure.
- Management of rail traffic operations.
- Promotion of intermodality and increase of rail traffic.
- Development of strategic projects and administrative processes.
- Institutional Relations.



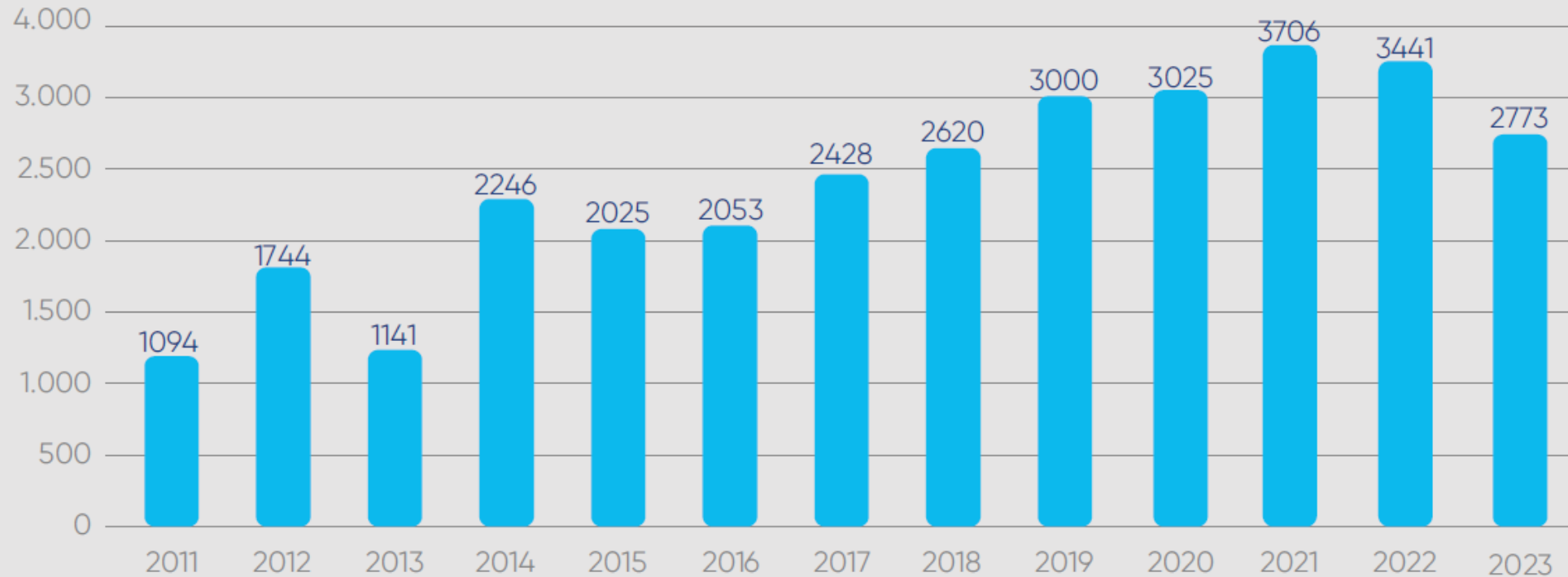
### tmZ Services S.L. (operator)

#### FUNCTIONS

- Stock and movements management.
- Control of Internal Operations.
- Loading/unloading to and from train and truck.
- Haulage administration.
- Documentation processes.
- Customs Control processes

# Número de trenes

Número de trenes/año







The *Atlantic Rail Freight Corridor* and the *Terminal advisory group*, has a vision of connectivity, sustainability, and shared growth. As we said in our last meeting, collaboration among stakeholders is the key to develop the corridor's full potential.

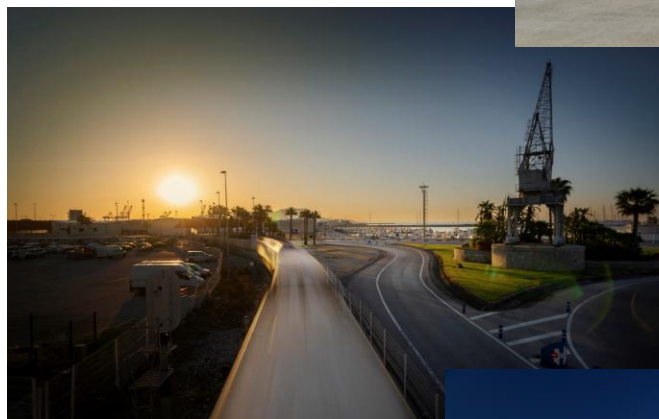
**ATLANTIC**  
CORRIDOR





**THANKS!**

[proyectoseuropeos@apba.es](mailto:proyectoseuropeos@apba.es)



**Terminal Advisory Group presentation**  
**Álvaro Sebastian Fdz. on behalf of Luis Núñez, TAG spokesman**  
Strategy & European Affairs Algeciras Bay Port Authority

