

UIC gauge in the Port of Barcelona

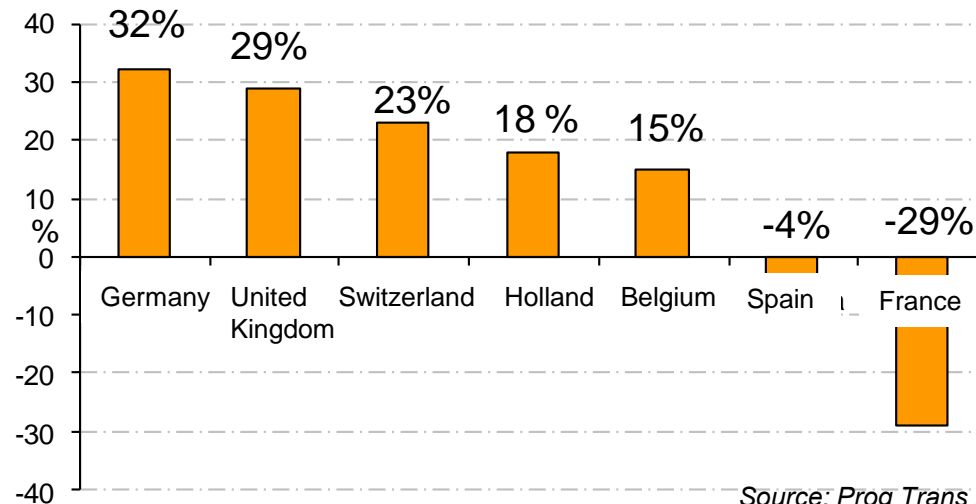
José Luis González
Head of Land Operations



Port de Barcelona

Railway traffic evolution in Europe

Increase of rail freight traffic (tonne-km) 2000-2006



Source: Prog Trans AG "European Transport Report 2007-2008"

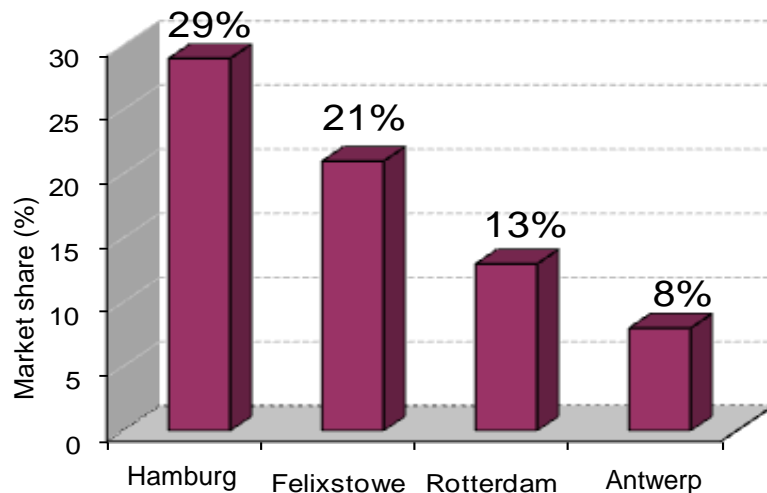
Countries where there has been an effective liberalization (Germany, United Kingdom, Belgium ...) have significantly increased its rail freight traffic.

In Spain, the liberalization is not yet effective: Although there are 9 operators, they are not really operational and RENFE's market share remains almost absolute.

Railway traffic in the Port of Barcelona

2007 traffic results	
Total traffic	50,04 M tonnes (+7,8%)
Containers	2,6 M TEU (+12%)
Vehicles	801.406 (+ 10,8%)
Cruise passengers	1,8 million passengers

Rail market share in major European ports (2007)



Source: Dynamar (2007)

2007 Railway traffic	
Total traffic	>1,4 M tonnes (<3%)
Containers	<100,000 TEU (<4%)
Vehicles	>116,000 (14%)

Rail traffic increase			
2007	2008	2009	2010 *
12 %	25 %	13 %	46 %

* Accumulated up to August 2010

Railway Strategy in the Port of Barcelona

Objectives

- √ Improvement of hinterland connections and Port access
 - Lines only for freight
 - Introduction of UIC line to connect with the rest of Europe
 - Trains of 750 meters

- √ Development of infrastructures and railway management in the Port
 - Build terminals
 - Railway-Port Authority

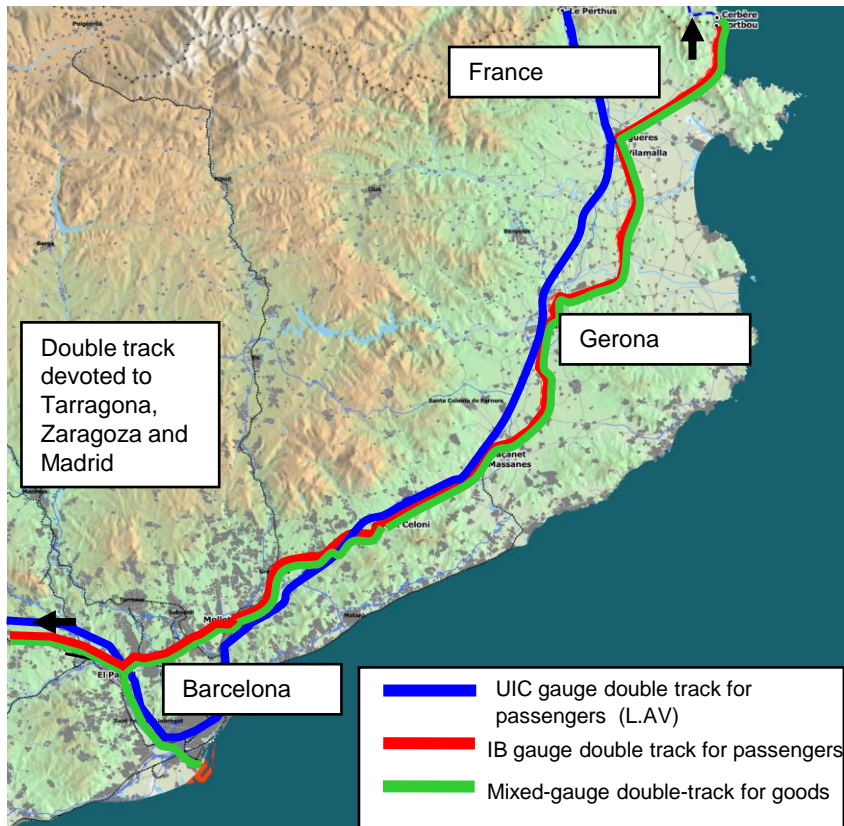
- √ Railway services promotion
 - Rail services supply for corridors
 - Alliances with operators

Hinterland connections

Long-term Mediterranean corridor

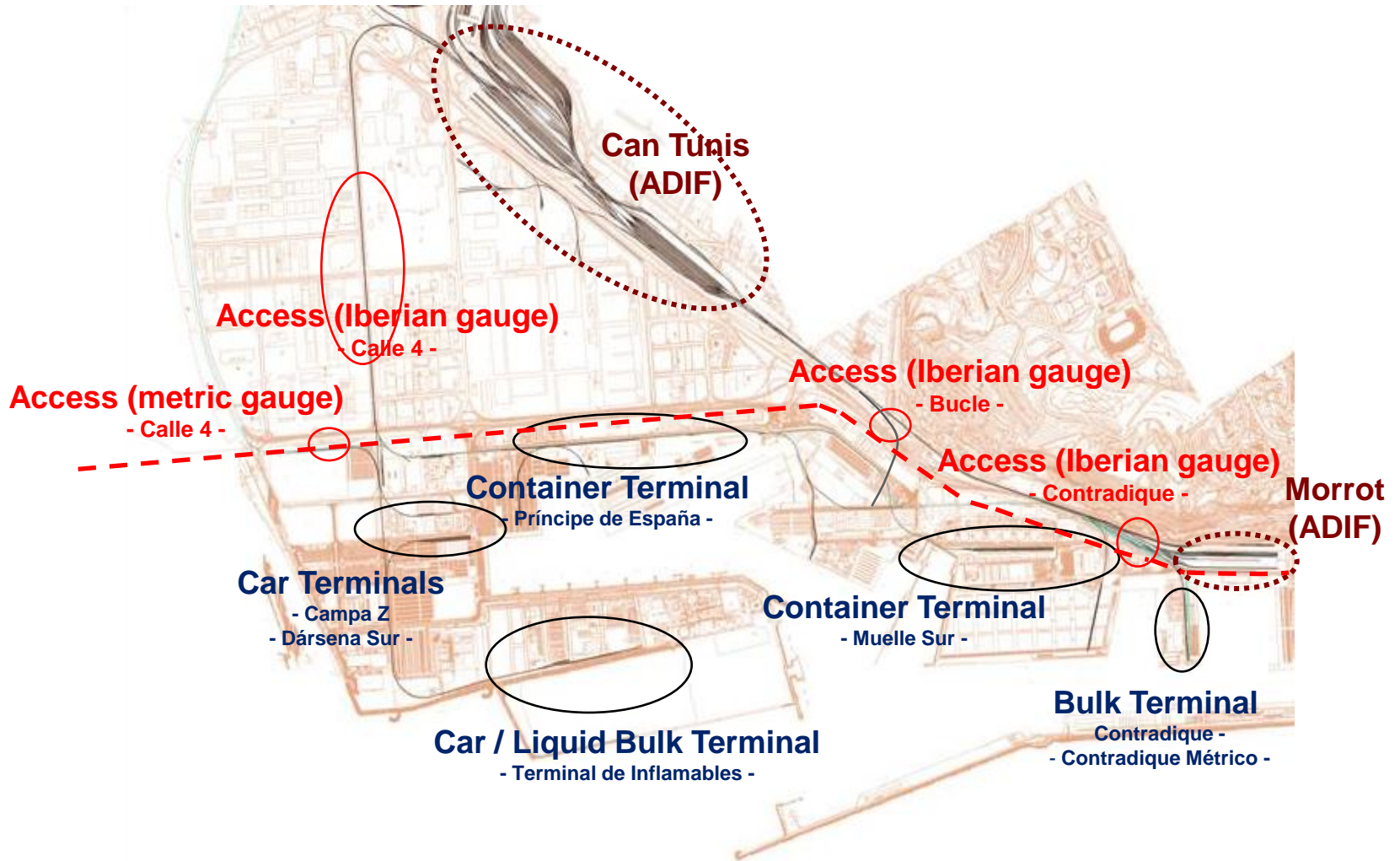
- ✓ UIC rail line for goods transport between the port of Barcelona and the French border

- ✓ Promotion of the freight rail corridor Rhine – Rhone - Western Mediterranean.



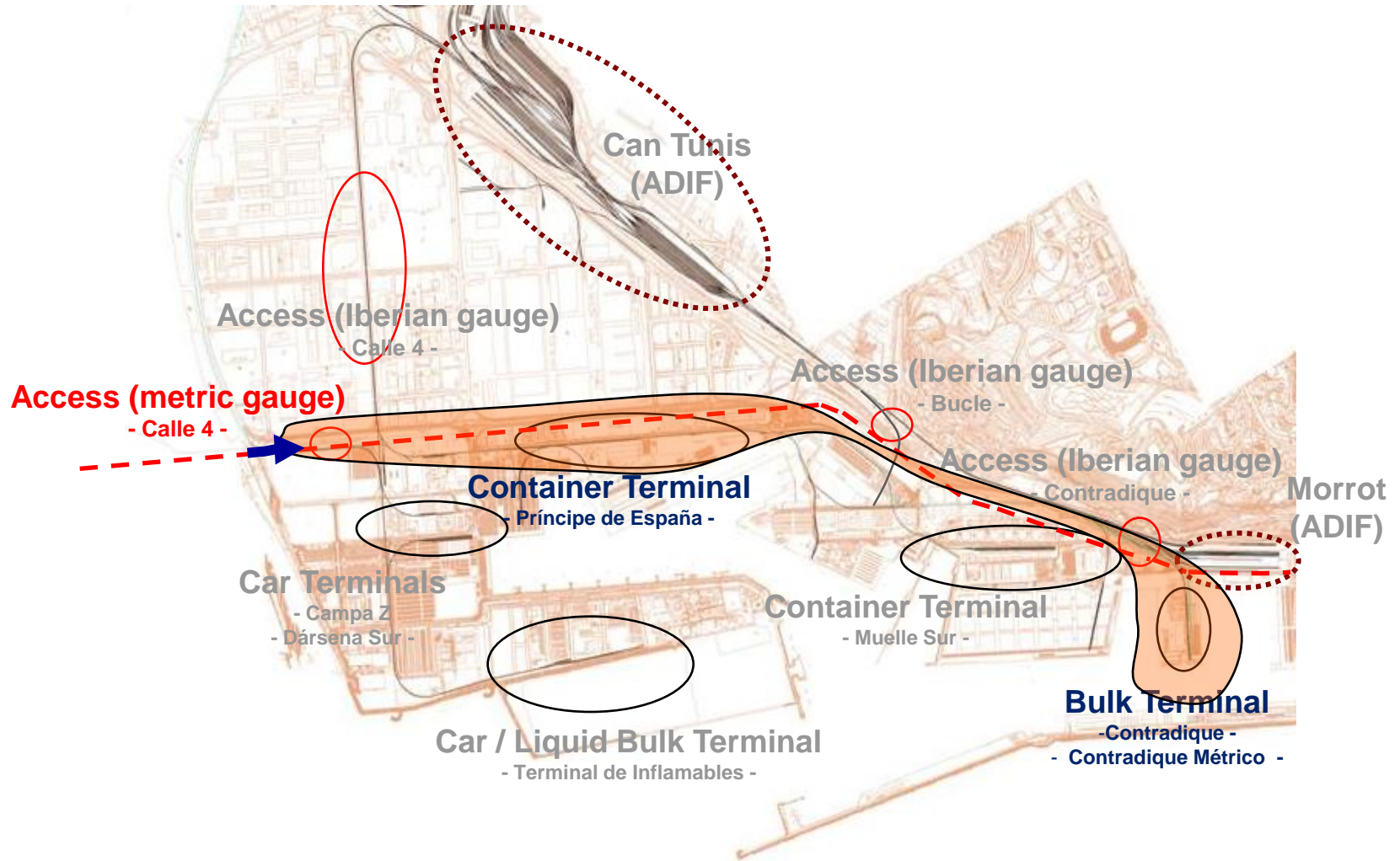
Current rail infrastructure of the Port of Barcelona

Port terminals and access



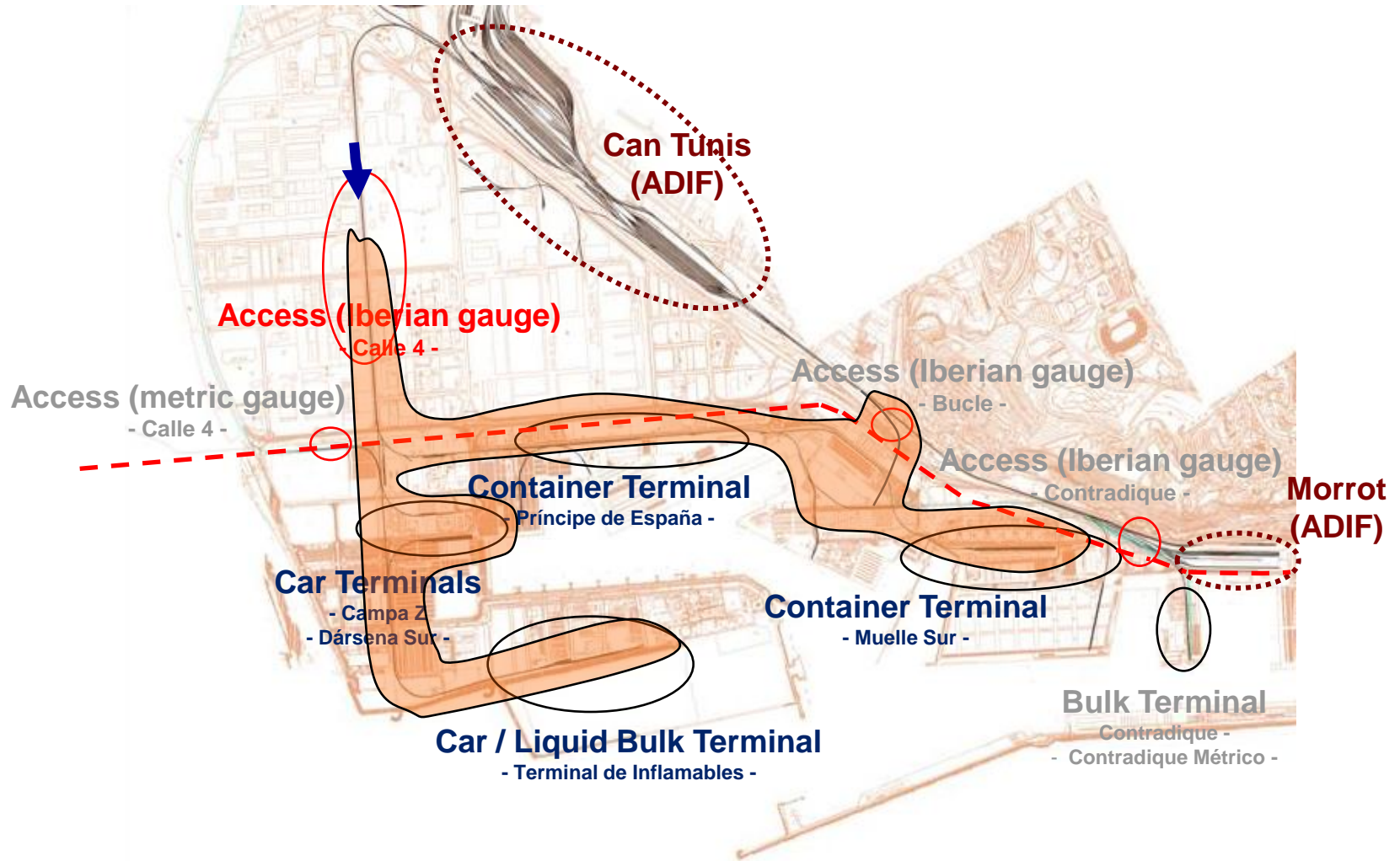
Current rail infrastructure of the Port of Barcelona

Access to the Port



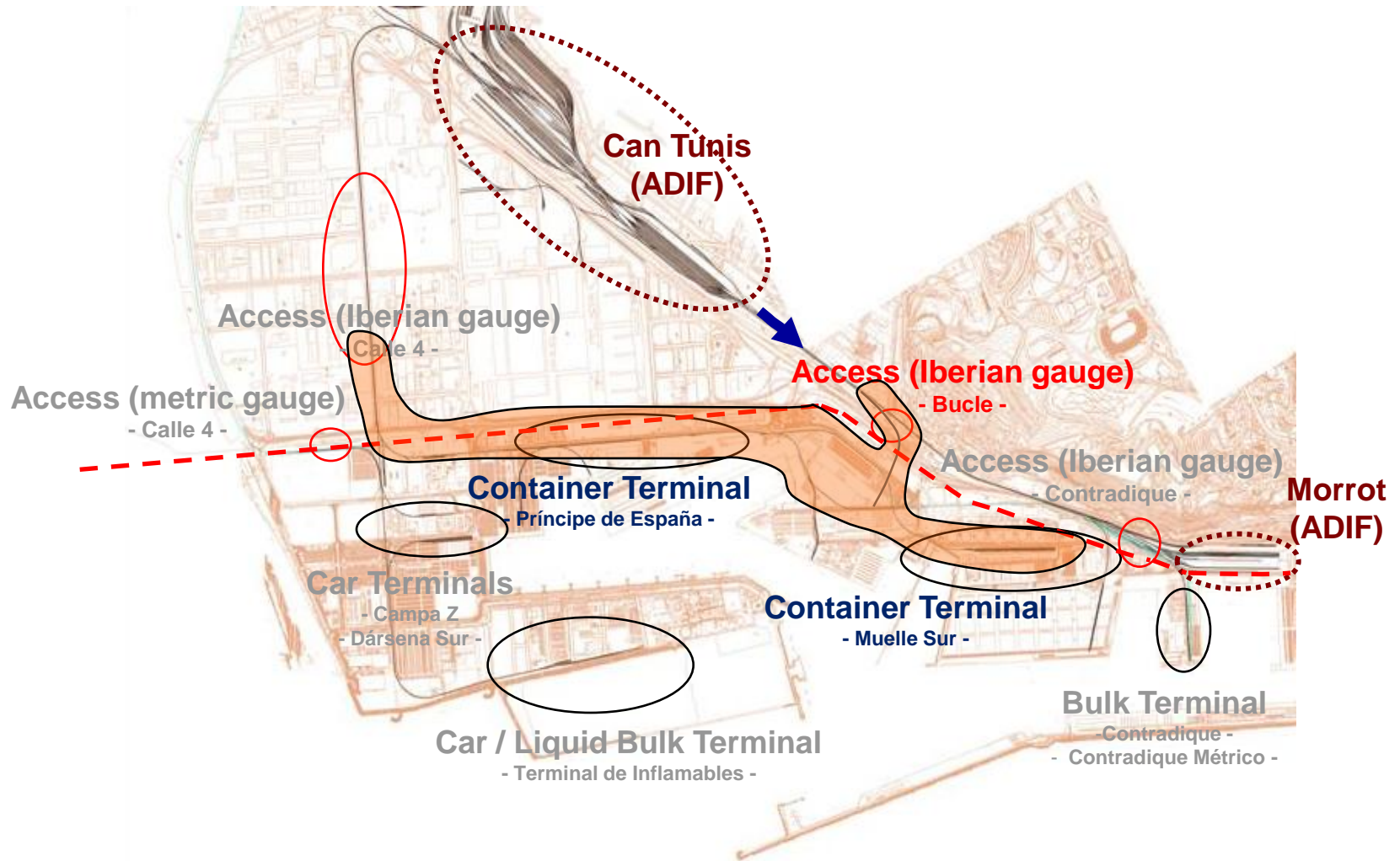
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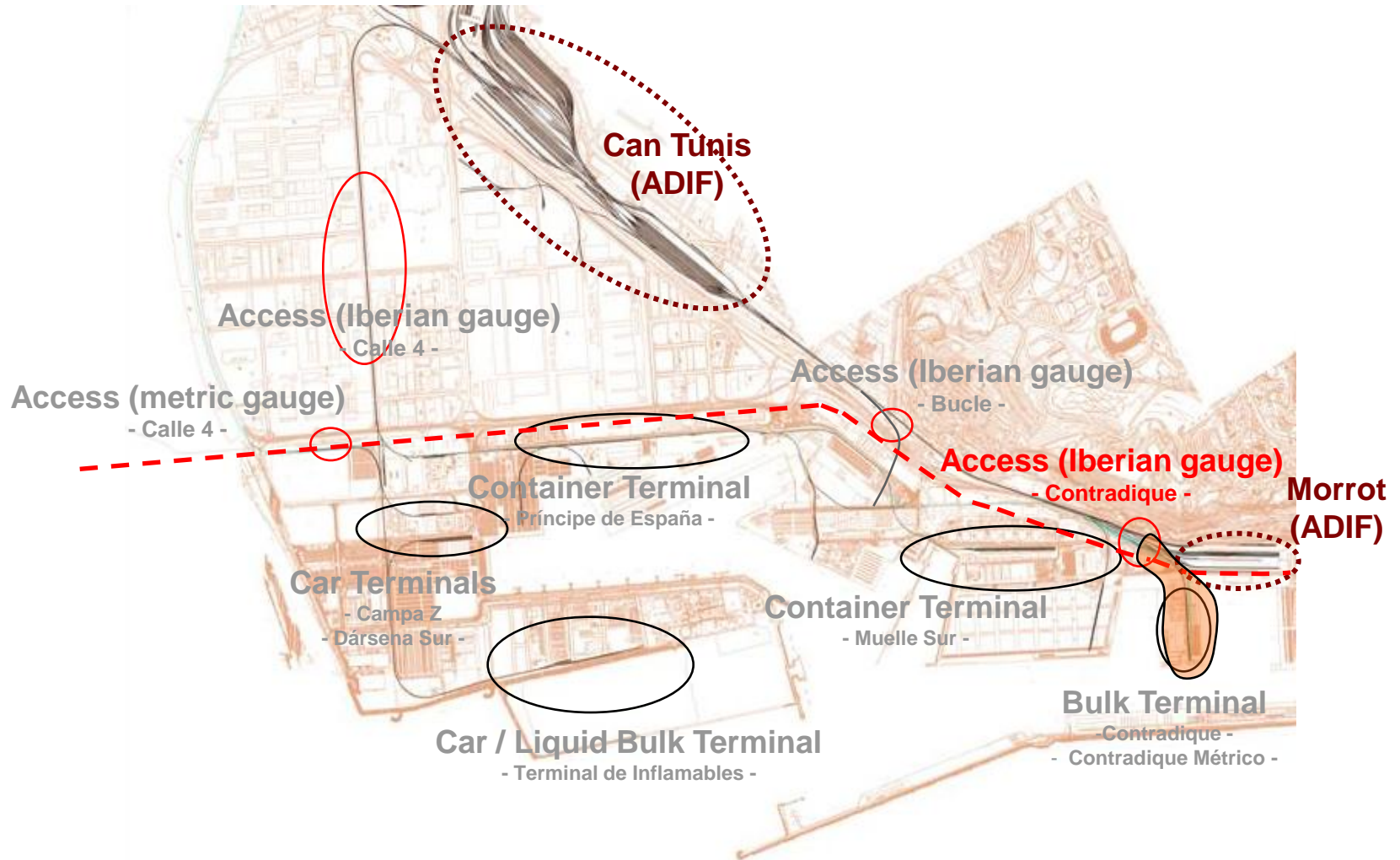
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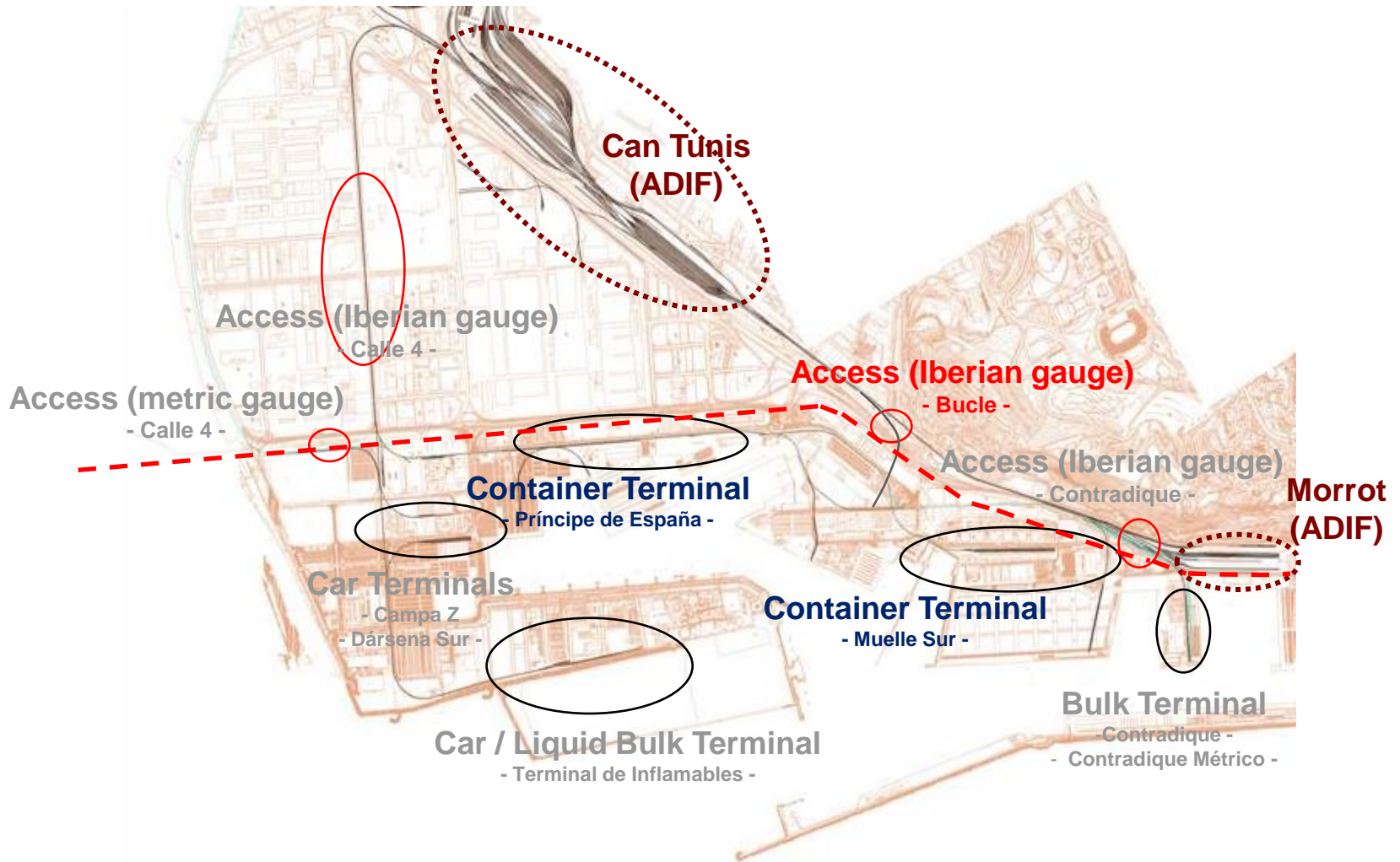
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Access to the Port



Current rail infrastructure of the Port of Barcelona

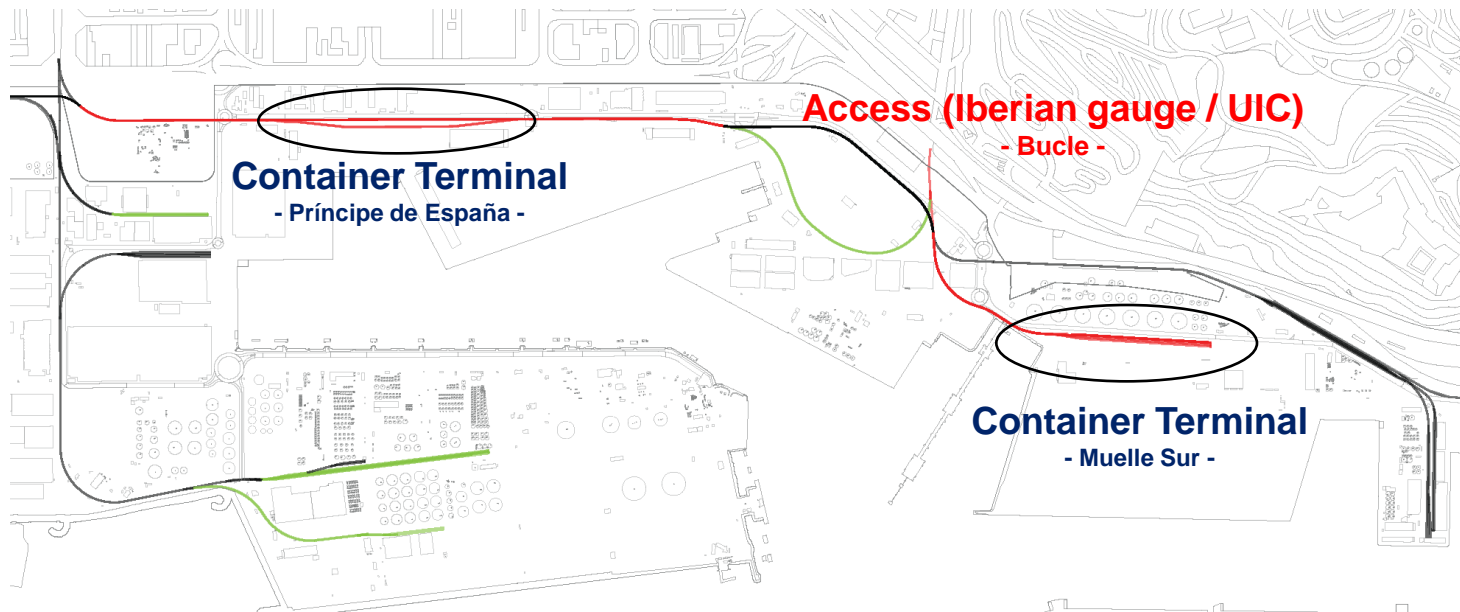
UIC gauge



UIC railway infrastructure of the Port of Barcelona

UIC infrastructures of immediate execution

- Tender budget: EUR 8.1 million
- Rail track adaptation: 4,550 meters
- Completion date: December 31, 2010 / First quarter 2011



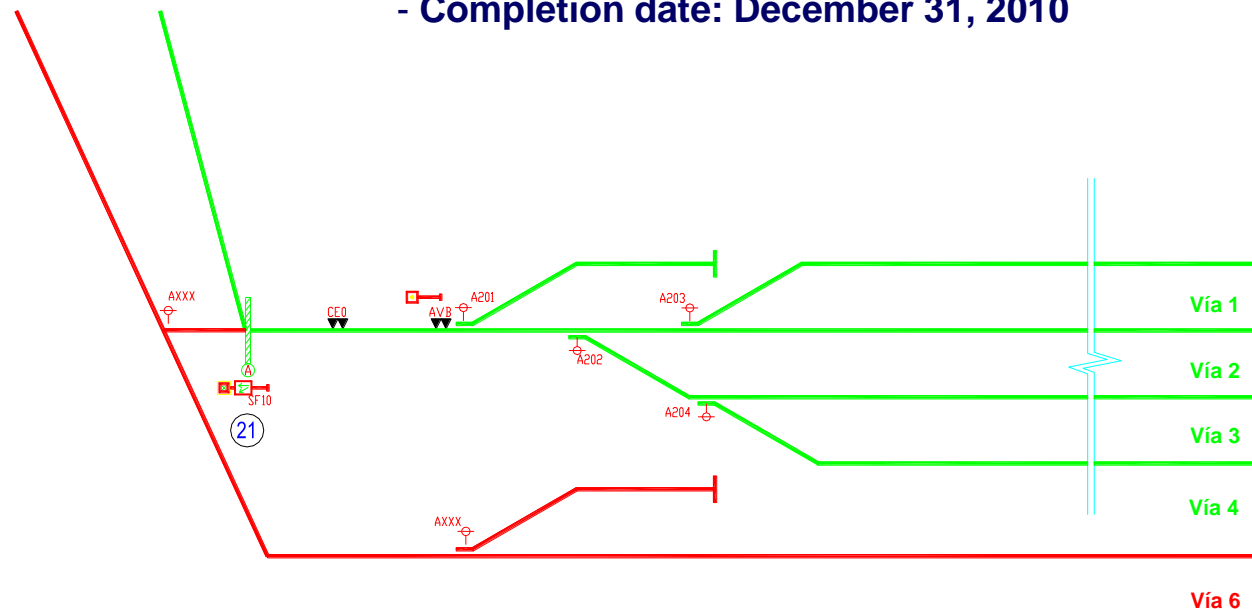
- Existing tracks in Iberian gauge
- Existing tracks in mixed gauge (UIC + IBE)
- Tracks with mixed gauge (UIC + IBE) for immediate implementation

UIC railway infrastructure of the Port of Barcelona

UIC infrastructures of immediate execution

South Wharf

- Tender budget: 2.6 million EUR
- Rail track adaptation: 1,800 meters
- Completion date: December 31, 2010



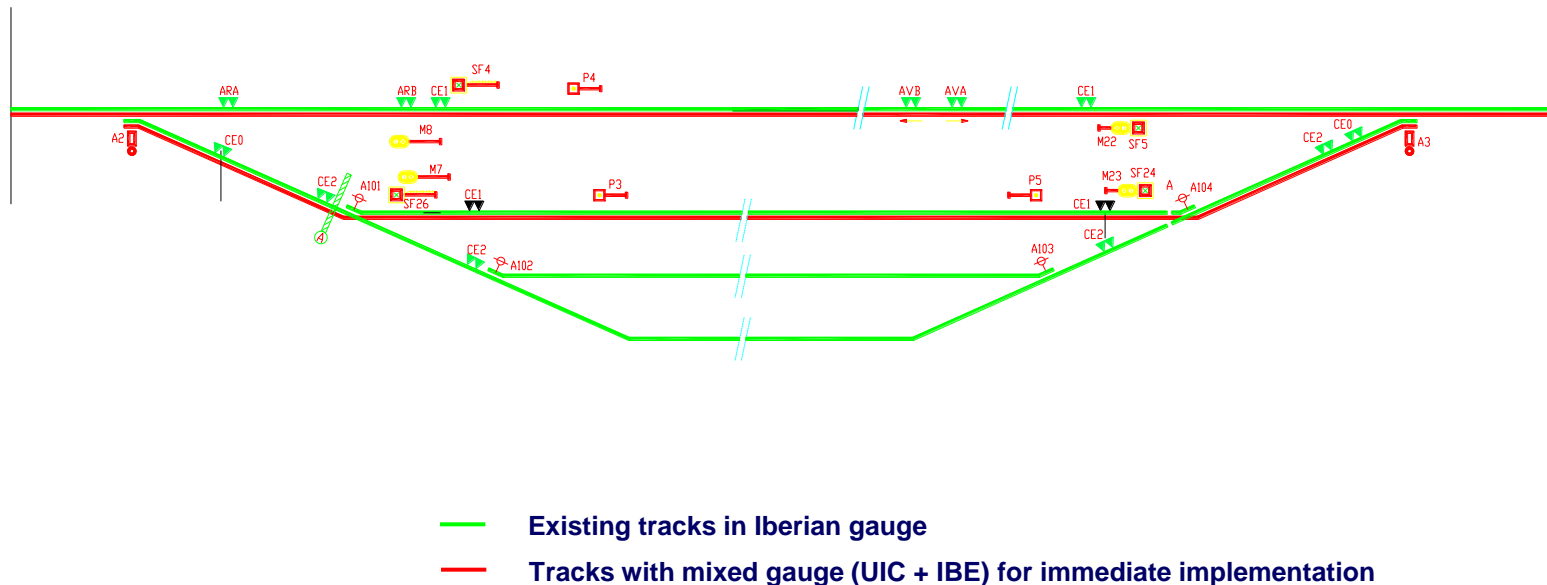
- Existing tracks in Iberian gauge
- Tracks with mixed gauge (UIC + IBE) for immediate implementation

UIC railway infrastructure of the Port of Barcelona

UIC infrastructures of immediate execution

Príncipe de España Wharf

- Tender budget: 5.5 million EUR
- Rail track adaptation: 2,750 meters
- Completion date: First quarter 2011

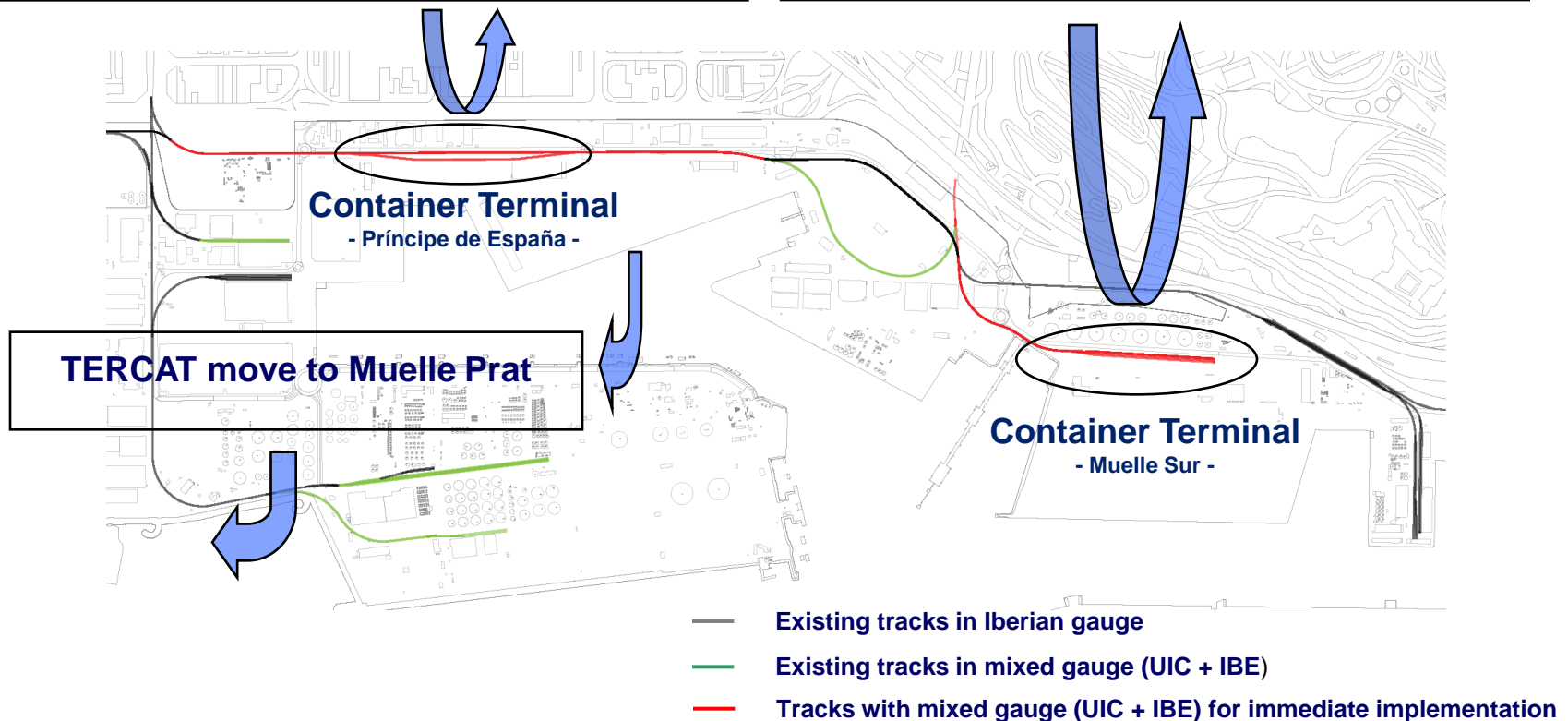


UIC railway infrastructure of the Port of Barcelona

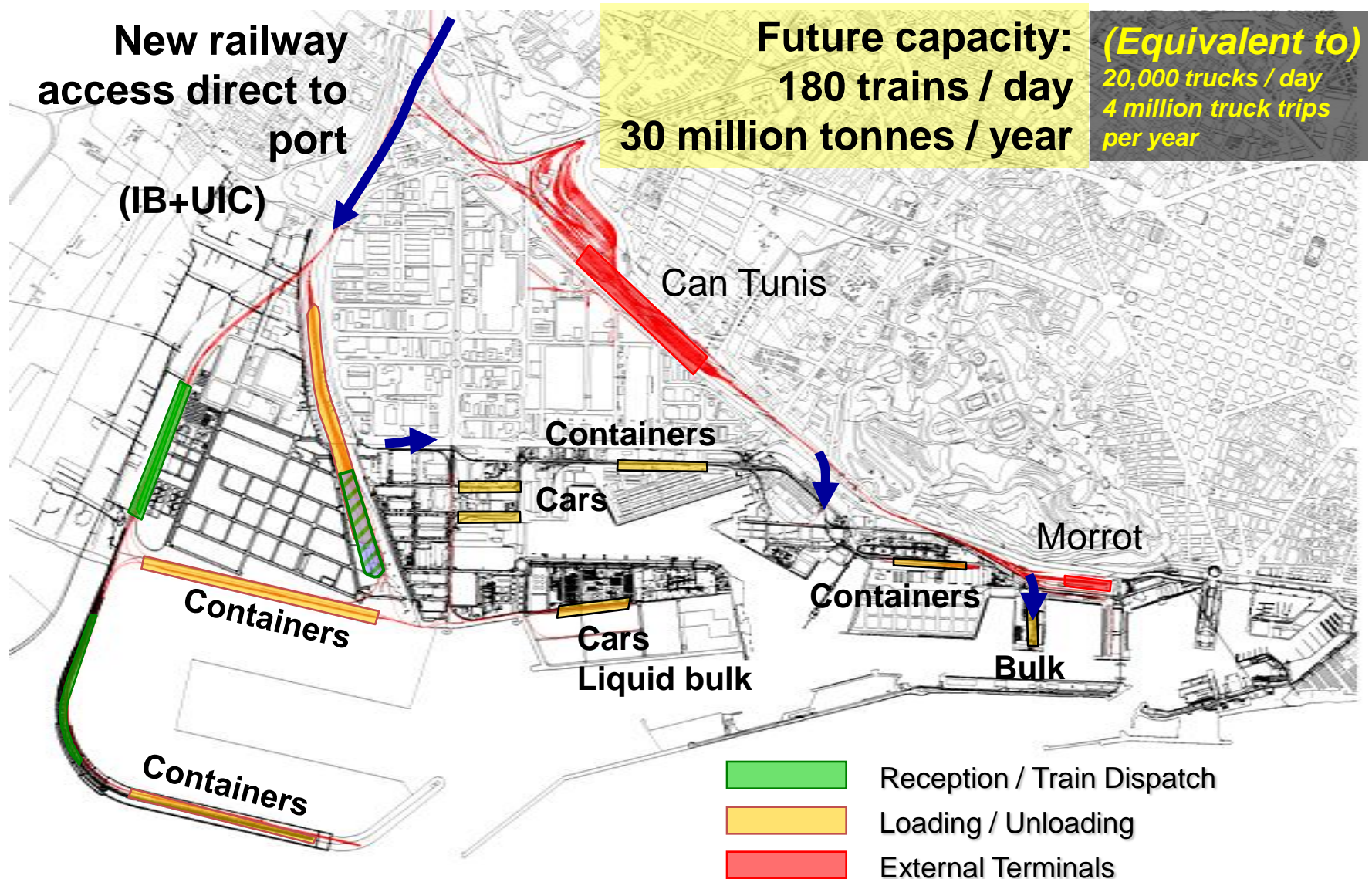
Short-term UIC Infrastructure (over 2013)

Start Tercat-Hutchinson Railway Terminal:
8 tracks of 750 meters in mixed gauge (UIC + IBE)

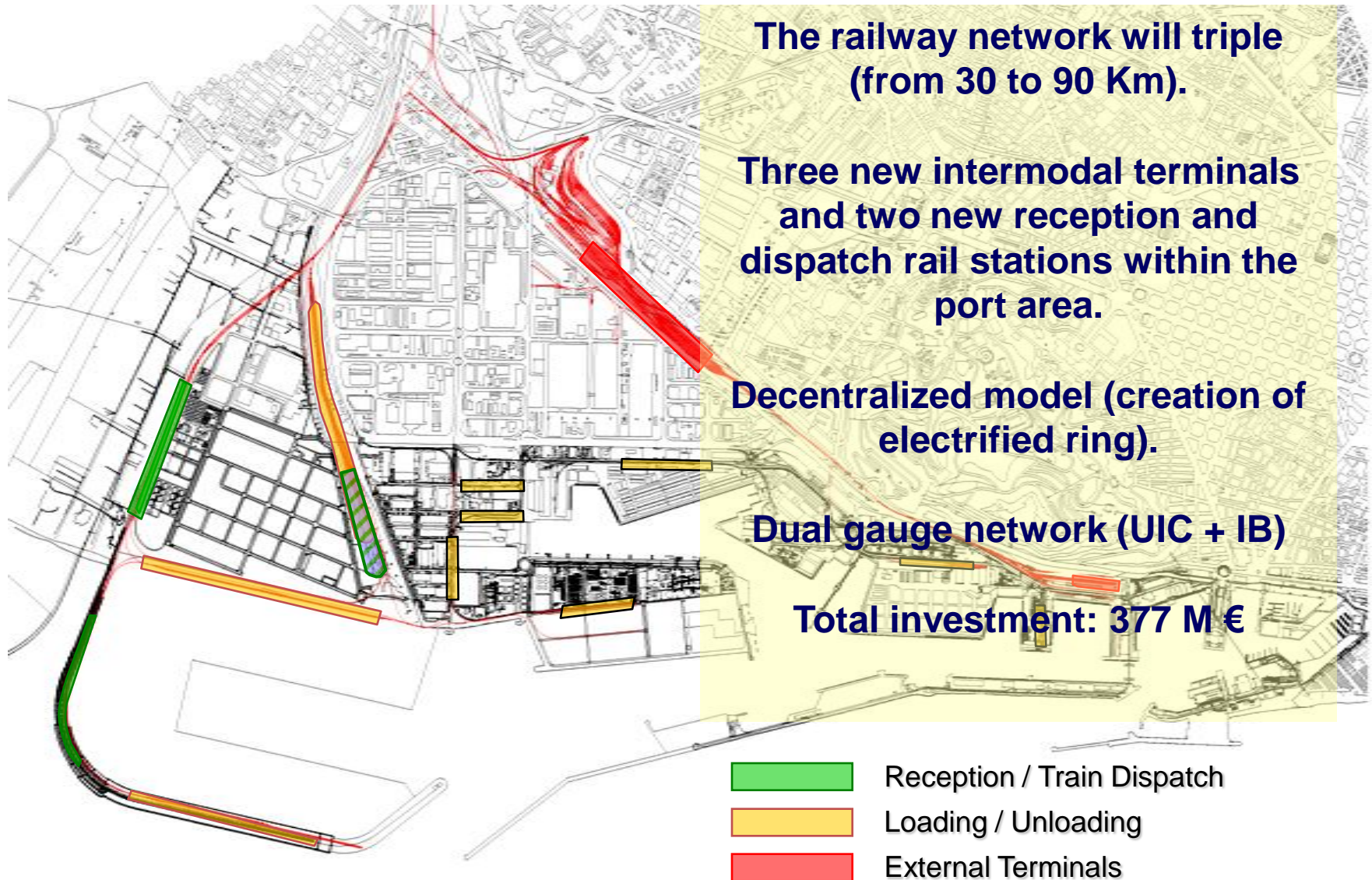
South Wharf Terminal Adaptation:
6 tracks of 750 meters in mixed gauge (UIC + IBE)



Railway General Plan

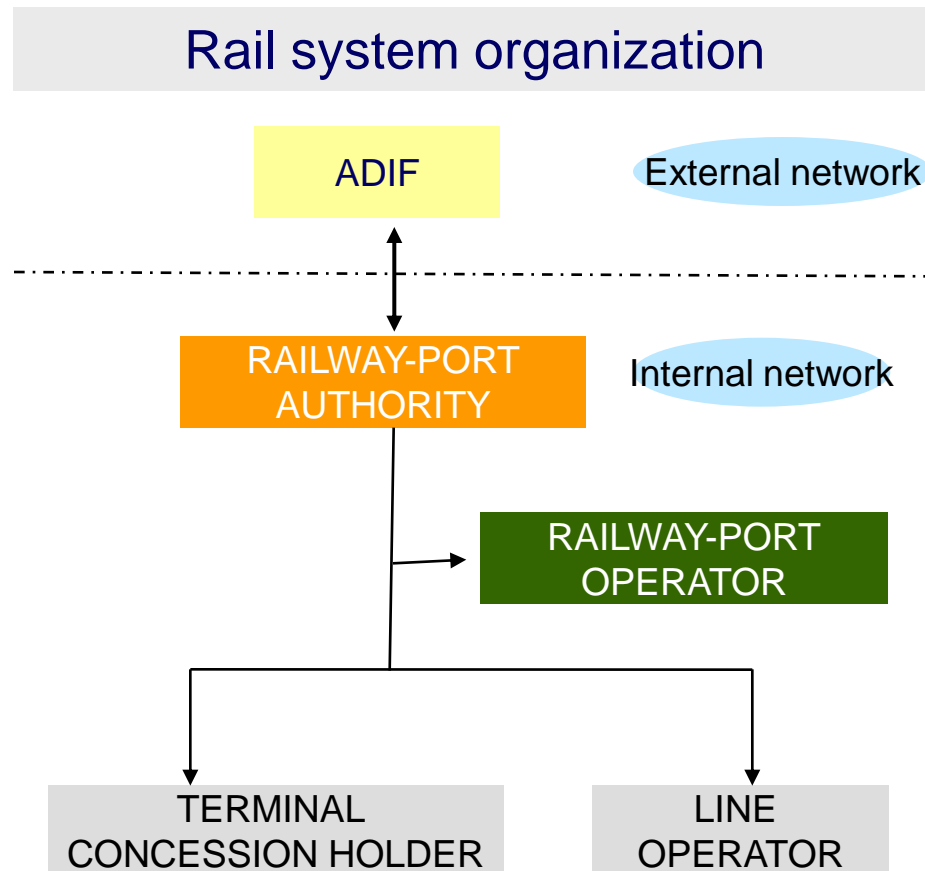


Railway General Plan



Railway management

Management of the internal port railway



The Railway and Port Authority - formed by ADIF and BPA – will supervise and regulate the internal rail system.

Internal operation in the Port: Railway-Port Operator. Only?

Port Community collaboration to improve management and services



www.portdebarcelona.es

Thank you

