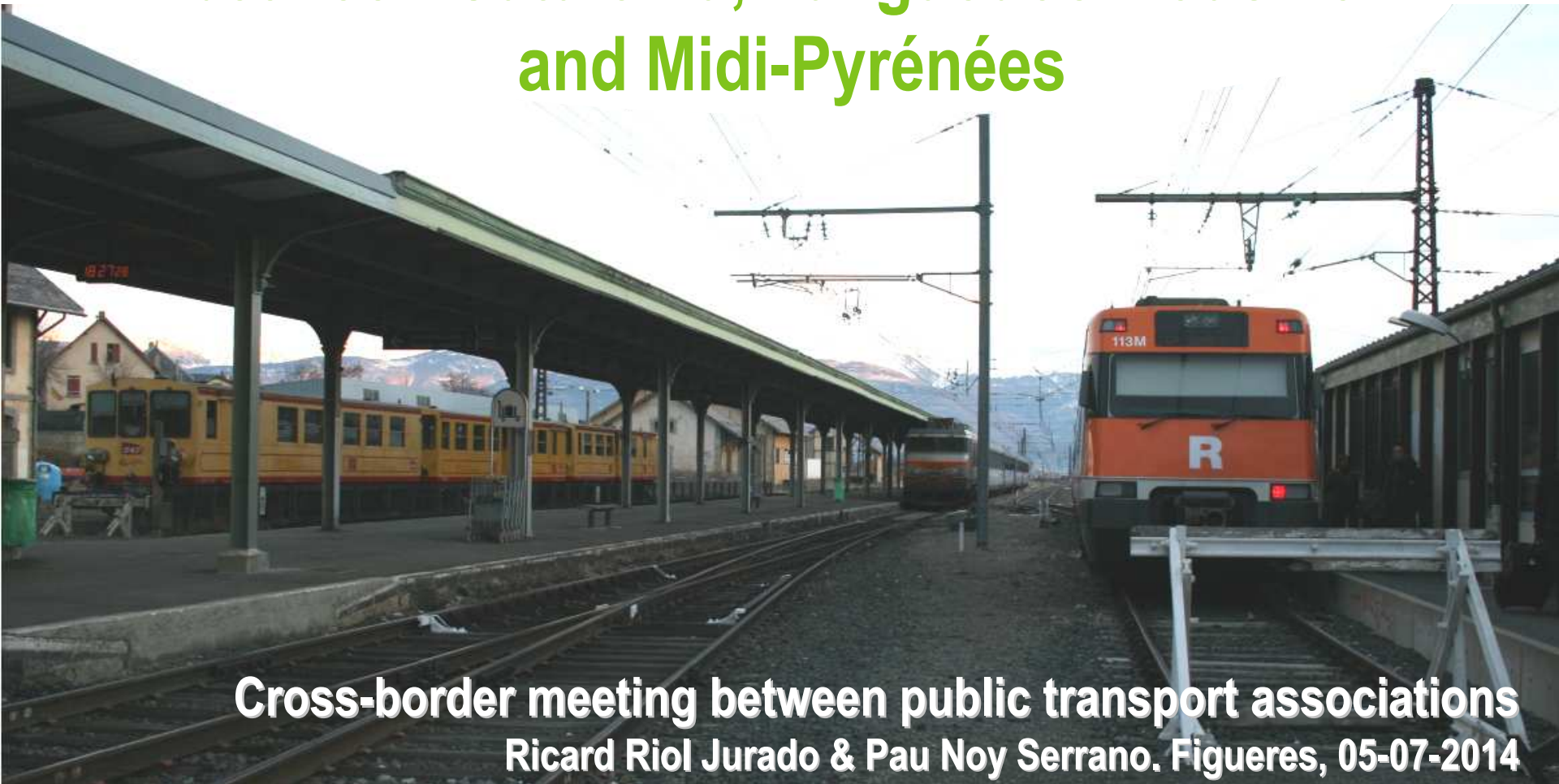


# Reaching a regional railway without borders between Catalonia, Languedoc-Rousillon and Midi-Pyrénées



**Cross-border meeting between public transport associations**  
Ricard Riol Jurado & Pau Noy Serrano. Figueres, 05-07-2014

## Reaching a regional railway without borders CAT – LR – MP

### 1. Previous meetings

Public transport associations from north and south of Pyrenees are compromised with the free mobility of citizens in the European Union

**September 2010:** Festa del Tren a Portbou

**March 2012:** IX EPF Assembly. Focus on FR-ES connections

**Juliol 2013:** Meeting at Vilafranca de Conflent

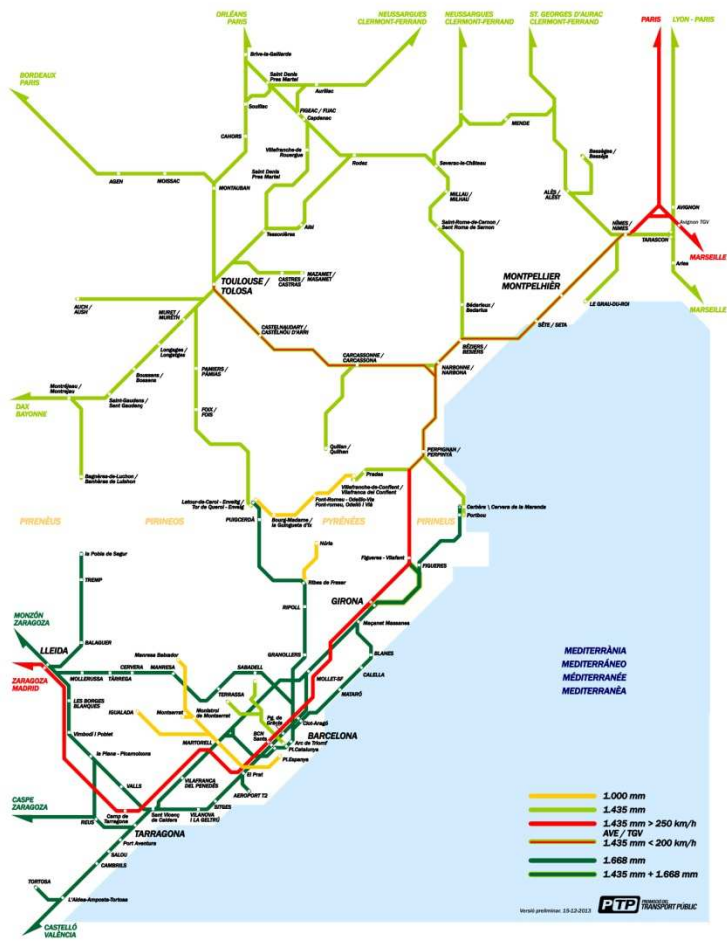
**December 2013:** Inauguration of international HSL service



# Reaching a regional railway without borders CAT – LR – MP

## 2. Regional trains in the cross-border section

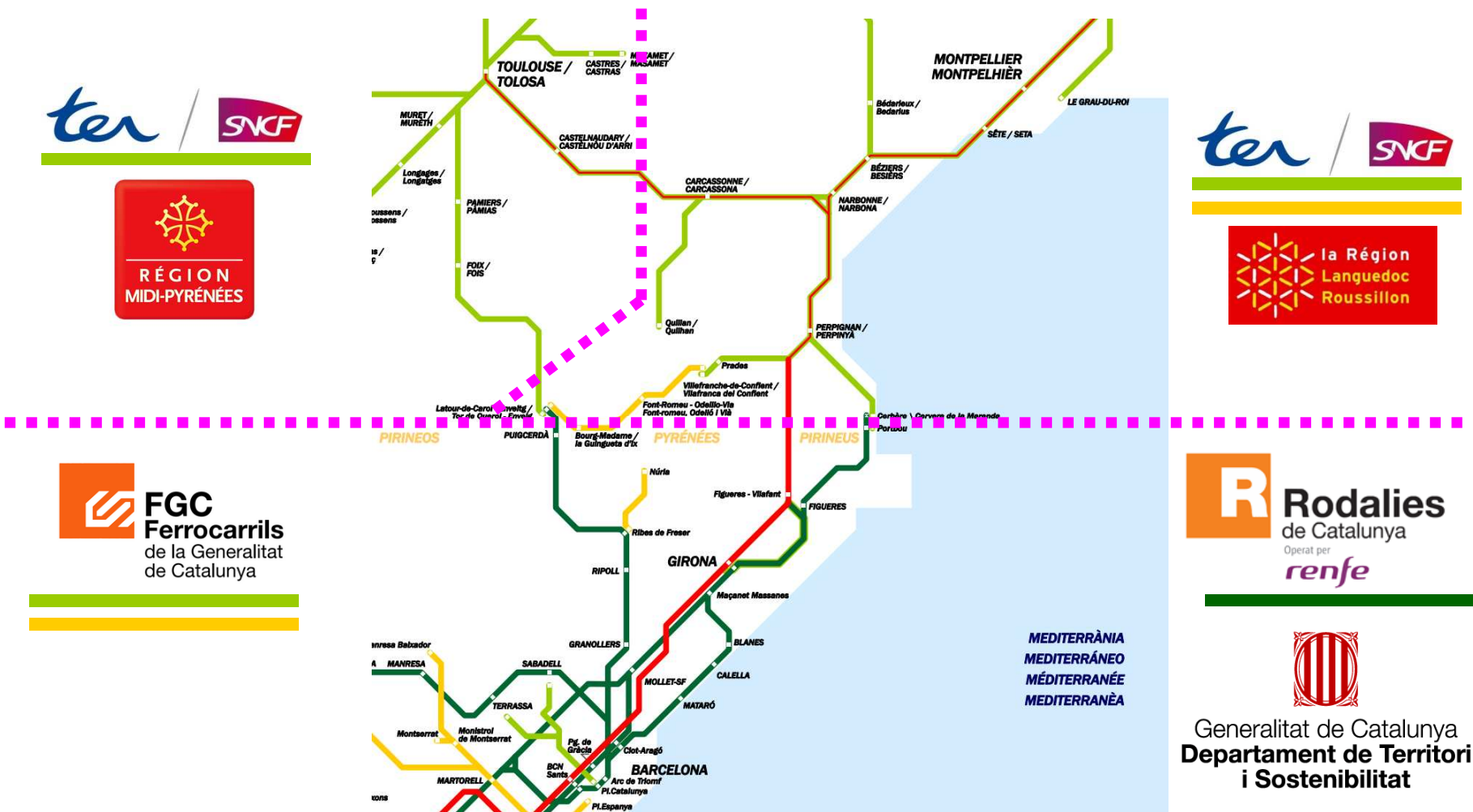
Euroregió Pirineus Mediterrània      Eurorégion Pyrénées-Méditerranée  
 Euroregión Pirineos Mediterráneo      Euroregion Pirenèus-Mediterranèa





# Reaching a regional railway without borders CAT – LR – MP

## 2. Regional trains in the cross-border section



## Reaching a regional railway without borders CAT – LR – MP

### 2. Regional trains in the cross-border section

#### From State Railways conceptualization to the Region administration and development



- **1986.** SNCF develops TER service, including the TER Languedoc-Rousillon and the TER Midi-Pyrénées
- **2000.** A law of solidarity and urban renovation (SRU) proposes the transference of competencies of transport to the Conseil Régional (Regional Council).
- **2002.** Regions Council become AOT: Authority of Organisation of Transport, and manage\* the TER services instead of the State. SNCF is the only one operator that can provide the service to the regions.






- **1987-1988** Rente develops some Regional services with old self-propelled long distance trains
- **1992.** Renfe inaugurates the Catalunya Exprés network, covering main relations within Mediterranean Corridor and Lleida
- **2006.** The new Statute of Autonomy of Catalonia propose the transference of regional and commuter trains from the State to this region.
- **2010.** Generalitat de Catalunya manages the Barcelona's commuter trains, operated by Renfe.
- **2011.** Generalitat de Catalunya manages the Catalonia's regional trains, operated by Renfe.

Until this moment, in both cases the railway operator is a State company under a regional government, that mainly manages fares, timetables, inspections and financial conditions. The use of the rolling stock is a negotiation between regional government and the State company.

## Reaching a regional railway without borders CAT – LR – MP

### 2. Regional trains in the cross-border section

Year 2011	 Languedoc – Rousillon	 Midi-Pyrénées	 Serveis regionals Catalunya (1)
	Km of network	1.474	1.485
Number of stations	132	146	127
Trains per day	236	356	105
Million Train-km per year	7,1	9,5	
Buses per day	53	80	
Average daily demand	20.000	30.000	33.458
Yearly demand	7.300.000	11.000.000	11.100.000
Fraction of national regional demand	2,7% of France	4,2% of France	42% of Spain
Yearly million Passenger-km	523		984,3 (2008)
Budget (2)	117 M€ (2009)	156,57 M€ (2009)	14'8 (3) M€
Parc mòbil		88 (estimated)	56

(1) Barcelona's commuter trains not included, with 476 km of lines

(2) Cost of service payed with subventions. In France it also includes some infrastructure maintenance

(3) Only operative costs

## Reaching a regional railway without borders CAT – LR – MP

### 3. Problems to solve

Connections

Information

Ticketing

Comfort

Financing

### Connections at Tor de Querol. From Toulouse/Villefranche to Barcelona

#### From Monday to Friday

	R3	R3	NZ	R3	TER	R3	TER	TER	R3	TER	R3	TER	R3	TER	TER	TER
	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV
<b>Paris Austerlitz</b>	-	-	21:57	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Villefranche de Conflent</b>	-	-	-	-	-	-	-	09:58	-	-	-	-	-	-	17:35	-
<b>Toulouse Matabiau</b>	-	-	-	-	06:45	-	08:45	-	-	10:45	-	14:45	-	16:45	-	18:45
<b>La Tor de Querol</b>	-	-	07:51	08:50	09:52	10:48	11:52	13:11	13:34	13:52	17:13	17:52	18:52	19:52	20:38	21:52
<b>Puigcerdà</b>	-	06:17	07:29	-	08:56	-	10:55	-	-	13:41	-	17:20	-	18:59	-	-
<b>Vic</b>	-	07:50	09:08	-	10:41	-	12:36	-	-	15:21	-	19:02	-	20:49	-	-
<b>Barcelona Sants</b>	-	09:02	10:26	-	11:57	-	13:55	-	-	16:44	-	20:25	-	22:07	-	-
<b>L'Hospitalet de Ll.</b>	-	09:09	10:33	-	12:04	-	14:02	-	-	16:51	-	20:32	-	22:14	-	-

## Reaching a regional railway without borders CAT – LR – MP

### 3. Problems to solve

Connections

Information

Ticketing

Comfort

Financing

### Connections at Tor de Querol. From Toulouse/Villefranche to Barcelona

#### Saturdays and Sundays

	R3	NZ	R3	TER	R3	TER	TER	R3	TER	R3	TER	R3	TER	TER	TER
	S + D	S + D	S + D	S + D	S + D	S + D	LMXJV	S + D	S + D	S + D	S + D	S + D	S + D	LMXJV	S + D
<b>Paris Austerlitz</b>	-	21:57	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Villefranche de Conflent</b>	-	-	-	-	-	-	09:58	-	-	-	-	-	-	17:35	-
<b>Toulouse Matabiau</b>	-	-	-	06:45	-	08:45	-	-	10:45	-	14:45	-	16:45	-	18:45
<b>La Tor de Querol</b>	-	07:51	08:48	09:52	11:13	11:52	13:11	13:47	13:52	16:52	17:52	18:59	19:52	20:38	21:52
<b>Puigcerdà</b>	06:52	-	08:54	-	11:20	-	-	13:54	-	16:59	-	19:06	-	-	-
<b>Vic</b>	08:31	-	10:30	-	13:01	-	-	15:36	-	18:46	-	20:51	-	-	-
<b>Barcelona Sants</b>	09:46	-	11:37	-	14:12	-	-	16:50	-	19:58	-	22:06	-	-	-
<b>L'Hospitalet de Ll.</b>	09:53	-	11:44	-	14:19	-	-	16:57	-	20:05	-	22:13	-	-	-



## Reaching a regional railway without borders CAT – LR – MP

### 3. Problems to solve

Connections

Information

Ticketing

Comfort

Financing

### Connections at Tor de Querol. From Barcelona to Toulouse/Villefranche From Monday to Friday

	TER	TER	TER	R3	R3	TER	TER	R3	TER	R3	TER	R3	NZ	R3	R3
	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV
<b>L'Hospitalet de Ll.</b>	-	-	-	06:14	09:43	-	-	12:25	-	14:53	-	16:54	-	18:19	18:49
<b>Barcelona Sants</b>	-	-	-	06:22	09:51	-	-	12:33	-	15:01	-	17:02	-	18:27	18:57
<b>Vic</b>	-	-	-	07:43	11:15	-	-	13:53	-	16:17	-	18:13	-	19:35	20:17
<b>Puigcerdà</b>	-	-	-	09:34	12:59	-	-	15:42	-	18:00	-	20:07	-	21:06	22:01
<b>La Tor de Querol</b>	05:21	07:21	08:28	09:40	13:05	13:21	14:56	15:48	17:21	18:06	19:21	-	20:20	-	-
<b>Toulouse Matabiau</b>	08:19	10:19	-	-	-	16:19	-	-	20:18	-	22:21	-	23:16	-	-
<b>Villefranche de Conflent</b>	-	-	11:49	-	-	-	18:20	-	-	-	-	-	-	-	-
<b>Paris Austerlitz</b>	-	-	-	-	-	-	-	-	-	-	-	-	07:22	-	-

 Lost transfers caused by Renfe not arriving to La Tor de Querol

## Reaching a regional railway without borders CAT – LR – MP

### 3. Problems to solve

Connections

Information

Ticketing

Comfort

Financing

### Connections at Tor de Querol. From Barcelona to Toulouse/Villefranche

#### Saturdays and Sundays

	TER	TER	TER	R3	R3	TER	TER	R3	TER	R3	TER	R3	NZ	R3
	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D
<b>L'Hospitalet de Ll.</b>	-	-	-	06:53	09:28	-	-	11:59	-	15:02	-	17:09	-	18:49
<b>Barcelona Sants</b>	-	-	-	07:01	09:36	-	-	12:07	-	15:10	-	17:17	-	18:57
<b>Vic</b>	-	-	-	08:16	10:51	-	-	13:26	-	16:23	-	18:32	-	20:19
<b>Puigcerdà</b>	-	-	-	10:07	12:32	-	-	15:08	-	18:11	-	20:17	-	22:00
<b>La Tor de Querol</b>	07:21	08:28	09:21	10:13	12:38	13:21	14:56	15:14	17:21	18:17	19:21	-	20:20	-
<b>Toulouse Matabiau</b>	10:19	-	12:19	-	-	16:19	-	-	20:18	-	22:21	-	23:16	-
<b>Villefranche de Conflent</b>	-	11:49	-	-	-	-	18:20	-	-	-	-	-	-	-
<b>Paris Austerlitz</b>	-	-	-	-	-	-	-	-	-	-	-	-	07:22	-

Lost transfers caused by Renfe not arriving to La Tor de Querol

# Reaching a regional railway without borders CAT – LR – MP

## 3. Problems to solve

Connections

Information

Ticketing

Comfort

Financing

### Connections at Portbou. From Montpellier to Barcelona

From Monday to Friday



New connections thanks to new services of Generalitat

	MD	TER	R	RG1	NZ	TER	R	NZ	TER	R	MD	TER	RG1	R	MD	TER	R	TER	RG1	R	TER	TER	R	TER	Teoz	RG1	TER	MD	TER		
	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	
<b>Paris</b>	-	-	-	-	21:57	-	-	Strasb.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	09:42	-	-	-	-	
<b>Montpellier</b>	-	-	-	-		05:50	-	06:38	06:50	-	-	08:50	-	-	-	10:50	-	12:50	-	-	-	-	-	15:50	-	16:50		-	17:50	-	19:50
<b>Narbonne</b>	-	-	-	-	06:43	06:55	-	07:41	07:55	-	-	09:55	-	-	-	11:55	-	13:55	-	-	-	-	16:55	-	17:55	18:14	-	18:55	-	20:55	
<b>Perpignan</b>	-	06:20	-	-	07:24	07:45	-	08:19	08:45	-	-	10:45	-	-	-	12:45	-	14:45	-	-	15:49	-	17:11	17:45	-	18:45	18:52	-	19:45	-	21:41
<b>Cerbère</b>	-	06:54	-	-	08:12	08:22	-	09:08	09:22	-	-	11:24	-	-	-	13:24	-	15:24	-	-	16:26	-	17:48	18:22	-	19:24	19:37	-	20:22	-	22:18
<b>Portbou</b>	06:23	-	07:03	07:38	08:22	-	08:33	09:17	-	10:33	11:27	11:28	11:38	12:35	13:27	13:28	14:33	15:28	15:38	16:03	-	17:33	17:51	-	19:03	19:28	-	19:38	-	20:28	-
<b>Figueras</b>	06:43	-	07:28	08:01	-	-	08:58	-	-	10:58	11:49	-	12:01	13:00	13:49	-	14:58	-	16:01	16:28	-	17:58	-	-	19:28	-	-	20:01	-	20:50	-
<b>Girona</b>	07:13	-	08:06	08:38	-	-	09:36	-	-	11:36	12:19	-	12:38	13:39	14:19	-	15:36	-	16:38	17:06	-	18:36	-	-	20:06	-	-	20:38	-	21:19	-
<b>Barcelona-de Franca</b>		-			-	-		-	-			-				-		-			-		-	-		-		-		-	
<b>Barcelona-de Gràcia</b>	08:35	-	09:25		-	-	11:05	-	-	13:05	13:35	-		15:05	15:35	-	17:05	-		18:35	-	20:04	-	-	21:35	-	-		-	22:35	-
<b>Barcelona-Sants</b>	08:39	-	09:39	10:41	-	-	11:09	-	-	13:09	13:39	-	14:40	15:09	15:39	-	17:09	-	18:43	18:39	-	20:09	-	-	21:39	-	-	22:42	-	22:39	-

Lost transfers caused by SNCF not arriving to Portbou

# Reaching a regional railway without borders CAT – LR – MP

## 3. Problems to solve

Connections

Information

Ticketing

Comfort

Financing

### Connections at Portbou. From Montpellier to Barcelona

### Saturdays and Sundays

	RG1	R	NZ	TER	R	NZ	TER	R	MD	TER	R	RG1	TER	MD	TER	R	TER	MD	TER	R	R	MD	TER	MD	R	RG1	TER	Teoz	R	TER	R
	S+D	S	S+D	S	S+D	S+D	D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	D	S+D	S	D	S	S+D	S+D	D	D	S+D	S+D	S+D	S+D	D	S+D	
Paris	-	-	21:57	-	-	Strasb.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	09:42	-	-	-
Montpellier	-	-		-	-	06:38	07:50	-	-	08:50	-	-	-	-	10:50	-	-	-	12:50	-	-	-	-	-	-	-	16:50		-	17:50	-
Narbonne	-	-	06:43	06:55	-	07:41	08:55	-	-	09:55	-	-	-	-	11:55	-	-	-	13:55	-	-	-	-	-	-	-	17:55	18:14	-	18:55	-
Perpignan	-	-	07:24	07:45	-	08:19	09:45	-	-	10:45	-	-	12:30	-	12:45	-	14:45	-	14:45	-	-	-	17:11	-	-	-	18:45	18:52	-	19:45	-
Cerbère	-	-	08:12	08:22	-	09:08	10:22	-	-	11:24	-	-	13:09	-	13:24	-	15:23	-	15:24	-	-	-	17:48	-	-	-	19:24	19:37	-	20:22	-
Portbou	06:53	07:03	08:22	-	08:33	09:17	-	10:33	11:27	11:28	12:35	12:53	13:13	13:27	13:28	14:33	-	15:27	15:28	16:03	16:33	17:27	17:51	17:57	18:39	18:53	19:28	-	19:41	-	20:28
Figueras	07:16	07:28	-	-	08:58	-	-	10:58	11:49	-	13:00	13:16	-	13:49	-	14:58	-	15:49	-	16:28	16:58	17:49	-	18:19	19:04	19:16	-	-	20:06	-	20:49
Girona	07:53	08:06	-	-	09:36	-	-	11:36	12:19	-	13:39	13:53	-	14:19	-	15:36	-	16:19	-	17:06	17:36	18:19	-	18:49	19:42	19:53	-	-	20:46	-	21:07
Barcelona- Estació de França			-	-		-	-			-			-		-		-		-			-			-	-	-		-		
Barcelona- Passeig de Gràcia		09:34	-	-	11:05	-	-	13:05	13:35	-	15:05		-	15:35	-	17:05	-	17:35	-	18:35	19:05	19:35	-	20:05	21:05		-	-	22:15	-	22:47
Barcelona-Sants	10:01	09:39	-	-	11:09	-	-	13:09	13:39	-	15:09	16:01	-	15:39	-	17:09	-	17:39	-	18:39	19:09	19:39	-	20:09	21:09	22:01	-	-	22:19	-	22:51

Només circula els dissabtes // Circule uniquement le samedi.

Només circula els diumenges // Circule uniquement le dimanche

## Reaching a regional railway without borders CAT – LR – MP

### 3. Problems to solve

Connections

Information

Ticketing

Comfort

Financing

## Connections at Cervera de la Marenda. From Barcelona to Montpellier From Monday to Friday

But RG1, the new services of Generalitat, don't arrive to Cervera de la Marenda



	TER	TER	TER	TEOZ	TER	R	TER	R	TER	MD	RG1	R	TER	MD	R	TER	RG1	R	TER	TER	R	TER	RG1	TER	NZ	R	MD	NZ	R	RG1	
	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	LMXJV	
<b>Barcelona-Sants</b>	-	-	-	-	-	06:16	-	07:16	-	08:22	07:46	09:16	-	10:16	11:16	-	11:46	13:16	-	-	15:16	-	15:46	-	-	17:16	17:46	-	19:16	19:42	
<b>Barcelona-de Gràcia</b>	-	-	-	-	-	06:20	-	07:20	-	08:27		09:20	-	10:21	11:20	-		13:20	-	-	15:20	-		-	-	17:20	17:51	-	19:20		
<b>Barcelona-França</b>	-	-	-	-	-		-		-				-			-			-	-		-		-	-			-			
<b>Girona</b>	-	-	-	-	-	07:48	-	08:58	-	09:41	09:56	10:49	-	11:35	12:48	-	13:56	14:48	-	-	16:48	-	17:56	-	-	18:48	19:05	-	20:54	21:56	
<b>Figueres</b>	-	-	-	-	-	08:27	-	09:37	-	10:13	10:33	11:29	-	12:07	13:27	-	14:33	15:27	-	-	17:27	-	18:33	-	-	19:27	19:37	-	21:30	22:33	
<b>Portbou</b>	-	-	-	-	-	08:53	-	10:03	-	10:33	10:56	11:53	-	12:27	13:53	-	14:56	15:53	-	-	17:52	-	18:56	-	-	19:53	19:57	-	21:55	22:56	
<b>Cerbère</b>	✓	05:40	06:35	07:05	07:40	08:57	09:35	10:07	10:35	-	-	11:57	12:35	-	13:57	14:35	-	15:57	16:35	17:35	17:57	18:35	-	19:35	19:40	19:57	-	20:24	-	-	
<b>Perpignan</b>	✓	06:22	07:18	07:48	08:12	08:22	-	10:18	-	11:13	-	-	13:18	-	-	15:18	-	-	17:22	18:20	-	19:18	-	20:18	20:26	-	-	21:10	-	-	
<b>Narbonne</b>	✓	07:09	08:09	08:32	08:54	09:10	-	11:09	-	-	-	-	14:09	-	-	16:09	-	-	18:09	19:09	-	20:09	-	21:09	21:41	-	-	21:50	-	-	
<b>Montpellier</b>	✓	08:13	09:13	09:34		10:13	-	12:13	-	-	-	-	15:13	-	-	17:13	-	-	19:13	20:13	-	21:13	-	22:13		-	-	22:57	-	-	
<b>Paris</b>	✓	-	-	-	17:18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	07:22	-	-	Strasb	-	-

Lost transfers caused by Renfe not arriving to Cervera de la Marenda



# Reaching a regional railway without borders CAT – LR – MP

## 3. Problems to solve

Connections

Information

Ticketing

Comfort

Financing

### Connections at Cervera de la Marenda. From Barcelona to Montpellier

#### Saturdays and Sundays

	TER	TEOZ	R	TER	MD	RG11	R	MD	TER	R	MD	TER	R	MD	TER	R	TER	R	RG11	MD	MD	TER	MD	TER	R	TER	R	R	NZ	NZ	
	S+D	S+D	S	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	D	S	S+D	D	S+D	S+D	S+D	S+D	S+D	S+D	S+D	
Barcelona-Sants	✓	-	-	06:46	-	07:46	07:22	08:46	09:49	-	10:46	09:46	-	10:46	11:46	-	12:46	-	12:46	13:13	13:46	14:16	-	14:49	-	15:16	-	17:16	19:16	-	-
Barcelona-Passeig de Gràcia	✓	-	-	06:50	-	07:51		08:50	09:54	-	10:50	09:51	-	10:50	11:51	-	12:50	-	12:50		13:51	14:21	-	14:54	-	15:20	-	17:20	19:20	-	-
Barcelona-Estació de França	✓	-	-		-					-			-			-		-					-		-		-			-	-
Girona	✓	-	-	08:18	-	09:05	09:24	10:23	11:11	-	12:18	11:06	-	12:20	13:05	-	14:19	-	14:20	15:24	15:05	15:48	-	16:10	-	16:48	-	18:48	20:54	-	-
Figueras	✓	-	-	08:57	-	09:37	10:01	11:02	11:43	-	12:57	11:39	-	12:59	13:37	-	14:58	-	14:59	16:01	15:37	16:07	-	16:23	-	17:27	-	19:27	21:30	-	-
Portbou	✓	-	-	09:23	-	09:57	10:24	11:26	12:03	-	13:23	12:00	-	13:25	13:57	-	15:22	-	15:25	16:24	15:57	16:27	-	17:02	-	17:53	-	19:53	21:55	-	-
Cerbère	✓	06:35	07:25	09:27	09:35	-	-	11:30	-	12:35	13:27	-	12:28	13:30	-	14:35	15:26	15:35	15:30	-	-	-	16:35	-	17:30	17:57	19:35	19:57	-	19:40	20:24
Perpignan	✓	07:18	08:12	-	10:18	-	-	-	-	13:18	-	-	13:03	-	-	15:18	-	16:18	-	-	-	-	17:22	-	18:20	-	20:18	-	-	20:26	21:10
Narbonne	✓	08:09	08:54	-	11:09	-	-	-	-	14:09	-	-	-	-	-	16:09	-	17:09	-	-	-	-	18:09	-	19:09	-	21:09	-	-	21:41	21:50
Montpellier	✓	09:13		-	12:13	-	-	-	-	15:13	-	-	-	-	-	17:13	-	18:13	-	-	-	-	19:13	-	20:13	-	22:13	-	-		22:57
Paris	✓	-	17:18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	07:22	Strasb.

Només circula els dissabtes // Circule uniquement le samedi.  
 Només circula els diumenges // Circule uniquement le dimanche

## Reaching a regional railway without borders CAT – LR – MP

### 3. Problems to solve

Connections

Information

Ticketing

Comfort

Financing

### THREE STRATEGIES / TERMS TO HAVE IN CONSIDERATION

1

- **Coordination of several punctual trains.** Currently it difficult the coordination between Renfe and SNCF.
- Lots of trains could cross borders but they don't do it. Adding only one more station crossing the border, with current timetables, more transfers could be guaranteed
- Too much timetables exceptions in SNCF. Different timetables for spring-summer and autumn-winter in the case of Renfe
- Passport controls delay trains and do impossible the connections

2

- **Enable a cadence timetable in one or both sides.** If one operator establishes high frequency and cadence it would be easier to transfer considering the timetables of the other side. The best option would be cadence in both sides to reduce time transfer and maximize the possibilities of transfer.

3

- **Direct trains across the border.** Two options can be considered:
  - Automatic gauge change trains, like the Talgo or CAF Alvia
  - Implementation of Standard gauge in Iberian side

## Reaching a regional railway without borders CAT – LR – MP

### 3. Problems to solve

Connections

**Information**

Ticketing

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Financing



Reiseauskunft - Fahrkarten

von:

nach:

Datum: 06.10.09 Abfahrt  Ankunft

Uhrzeit: 01:08

Suche   English | Français

#### → Reisen mit der Bahn

Egal, ob Sie nur ab und zu mal verreisen oder ständig unterwegs sind: Die Bahn ist immer der richtige Partner für Sie.

Themenwahl Reisen ▼

#### → Transport und Logistik

Der DB-Konzern bietet Transport- und Logistikkompetenz auf der Schiene, im Landverkehr, in der Luft- und Seefracht, in der Kontraktlogistik und im Kombinierten Verkehr.

Themenwahl Logistik ▼

#### → Geschäfte mit der Bahn

Zusätzlich zur Kernkompetenz im Personen- und Schienenverkehr haben Sie eine große Palette von Dienstleistungen zur Auswahl.

Themenwahl Geschäfte ▼

#### → Das Unternehmen DB

Im Unternehmensportal finden Sie alle wichtigen Informationen rund um den DB-Konzern.

Themenwahl Unternehmen ▼

# Reaching a regional railway without borders CAT – LR – MP

## 3. Problems to solve

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Reiseauskunft - Fahrkarten

von:

nach:

Datum:  Abfahrt

Uhrzeit:  Ankunft

**DB BAHN** Contacto | Ayuda | Sitemap | a a+ a++ 

Home | Ofertas | Horarios y compra | Servicios | BahnCard | Vacaciones Mi Bahn

Búsqueda  Selección  Billeto&Reserva  Pago  Reserva  Confirmación

Opciones de búsqueda ampliada

Viaje sencillo  Viaje de ida y de vuelta

Salida\*   ★

Destino\*

Vía: (1)   Estancia


[-> Añadir otra parada intermedia](#)


Viaje de ida\*    Salida  Llegada

Medio de transporte  Todos  Todos sin ICE  sólo transporte de cercanías [-> Selección ampliada de medios de transporte](#)

Datos sobre el enlace

preferir enlaces rápidos

Transporte de bicicleta 

 Pasajeros

adultos niños 6-14 años niños 0-5 años.

1 adulto

Viajar en 2ª clase  Viajar en 1ª clase

1

2

3

4

5

6

# Reaching a regional railway without borders CAT – LR – MP

## 3. Problems to solve

Connections

**Information**

Ticketing

Comfort

Financing





## Reaching a regional railway without borders CAT – LR – MP

### 3. Problems to solve

Connections

Information

**Ticketing**

Comfort

Financing



- Not standardized fare for each km
- Not harmonised fares between long distance and regional trains in Spain
- Different criteria for social protection (for example limits of age for young and old people)
- Different concept of recurrency (10 trips, one week, one month...)
- Different treatment of travel groups

## Reaching a regional railway without borders CAT – LR – MP

### 3. Problems to solve

Connections

Information

Ticketing

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SNCF



RENFE. Commuter train.



Last agreements between Generalitat de Catalunya and Renfe State Operator allowed to improve the seats of trains running at R3 international line between Tor de Querol and Barcelona.

## Reaching a regional railway without borders CAT – LR – MP

### 3. Problems to solve

Connections

Information

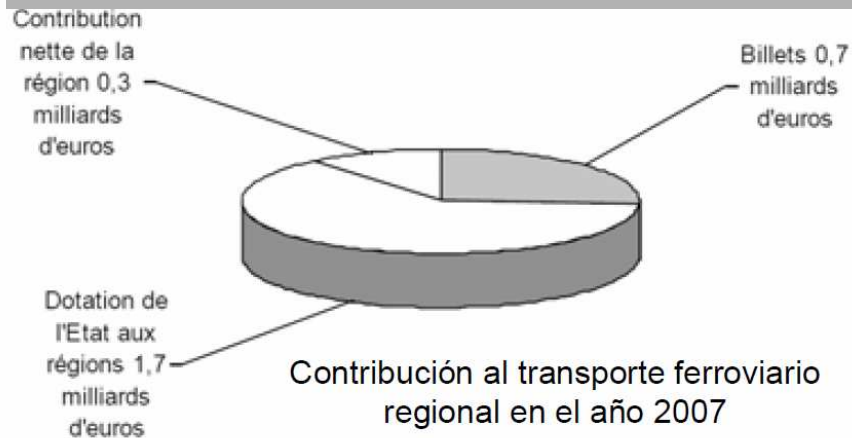
Ticketing

Comfort

**Financing**



#### Regional trains in France

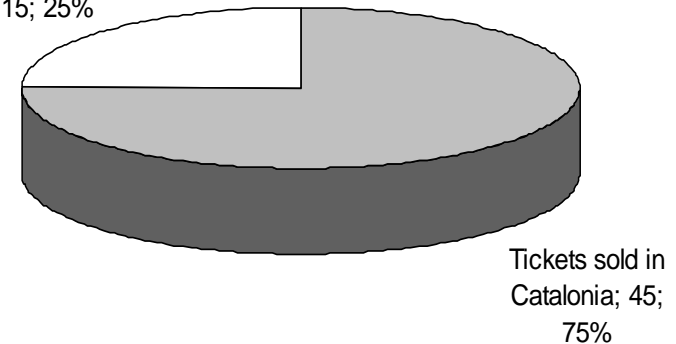


Source: unknown



#### Regional trains in Catalonia

Subvention from Spanish State; 15; 25%



Aproximately figures in million €. Year 2011. Source: Renfe 2012 Yearbook.

In both cases the State is providing the main economical sources to the regional service, with a growing participation of Regional Governments in order to extend the service and to applicate other improvements.

The subvention condicions are very different in Spain and France: 25-35% in front of 60-75%

## Reaching a regional railway without borders CAT – LR – MP

### 3. Problems to solve

Connections




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Ticketing

Comfort

Financing

ANNEX 1. ÒRGANS DE COOPERACIÓ OFICIAL TRANSFRONTERERA AL NORD I AL SUD DELS PIRINEUS

Òrgan	EURODISTRICTE D'ESPAI CATALÀ TRANSFRONTERER	EUROREGIÓ PIRINEUS MEDITERRÀNIA	COMUNITAT DE TREBALL DELS PIRINEUS
<b>Àmbit territorial</b>	 <p>NUTS-3: Província – Département</p>	 <p>NUTS-2: Comunitat Autònoma - Région</p>	 <p>NUTS-2: Comunitat Autònoma - Région</p>
<b>Administracions membres</b>	<p>Ajuntament de Figueres, Ajuntament de Girona, Ajuntament de Prada de Conflent, Associació Catalana de Municipis i Comarques, Comunitat d'Agglomeració Perpinyà-Mediterrània, Comunitat de Comunes Albera-Costa Vermella, Comunitat de Comunes de l'Alt Vallespir, Comunitat de Comunes del Vallespir, Consell General dels Pirineus Orientals, Consell Comarcal de l'Alt Empordà, Consell Comarcal del Baix Empordà, Consell Comarcal de la Cerdanya, Consell Comarcal de la Garrotxa, Consell Comarcal del Pla de l'Estany, Consell Comarcal del Ripollès, Diputació de Girona, Federació de Municipis de Catalunya, Generalitat de Catalunya, Parc Natural Regional dels Pirineus Catalans, País Pirineus-Mediterrània.</p>	<p>Région Midi-Pyrénées, Région Languedoc-Roussillon, Gobierno Vasco / Eusko Jauralitzza, Gobierno de Navarra / Nafarroako Gobernua, Generalitat de Catalunya i el Govern de les Illes Balears.</p>	<p>Région Aquitaine, Région Midi-Pyrénées, Région Languedoc-Roussillon, Gobierno Vasco / Eusko Jauralitzza, Govern d'Andorra, Gobierno de Navarra / Nafarroako Gobernua, Gobierno de Aragón i Generalitat de Catalunya</p>
<b>Observacions</b>	<p>L'any 2009 va elaborar un estudi sobre transports a banda i banda de la frontera. El Consell General de Pyrénées-Orientales té les <b>competències sobre el servei de bus regional</b> del Departament.</p>	<p>Presidències rotatòries entre administracions membres. Aragó va deixar de ser membre l'any 2006. Tant la Generalitat de Catalunya com les regions Midi-Pyrénées i Languedoc-Roussillon tenen <b>competències sobre els serveis ferroviaris prestats sobre la xarxa estatal espanyola i francesa en els seus àmbits territorials</b>. Les <b>competències sobre el servei d'autobús regional</b> és de la Generalitat de Catalunya al sud, i dels Departaments al nord dels Pirineus.</p>	<p>Presidències rotatòries entre administracions membres. L'objectiu és el desenvolupament i preservació del massís dels Pirineus. Es desenvolupa en 4 comissions: infraestructures i comunicacions; formació i desenvolupament tecnològic; cultura, joventut i esports; i desenvolupament sostenible. Gestiona el POCTEFA (Programa Operatiu de Cooperació Territorial Espanya, França, Andorra). Més informació a <a href="http://www.poctefa.eu">www.poctefa.eu</a></p>
<b>WEB</b>	<p><a href="http://www.eurodistricte.cat">http://www.eurodistricte.cat</a></p>	<p><a href="http://www.euroregio.eu/">http://www.euroregio.eu/</a></p>	<p><a href="http://www.ctp.org/">http://www.ctp.org/</a></p>

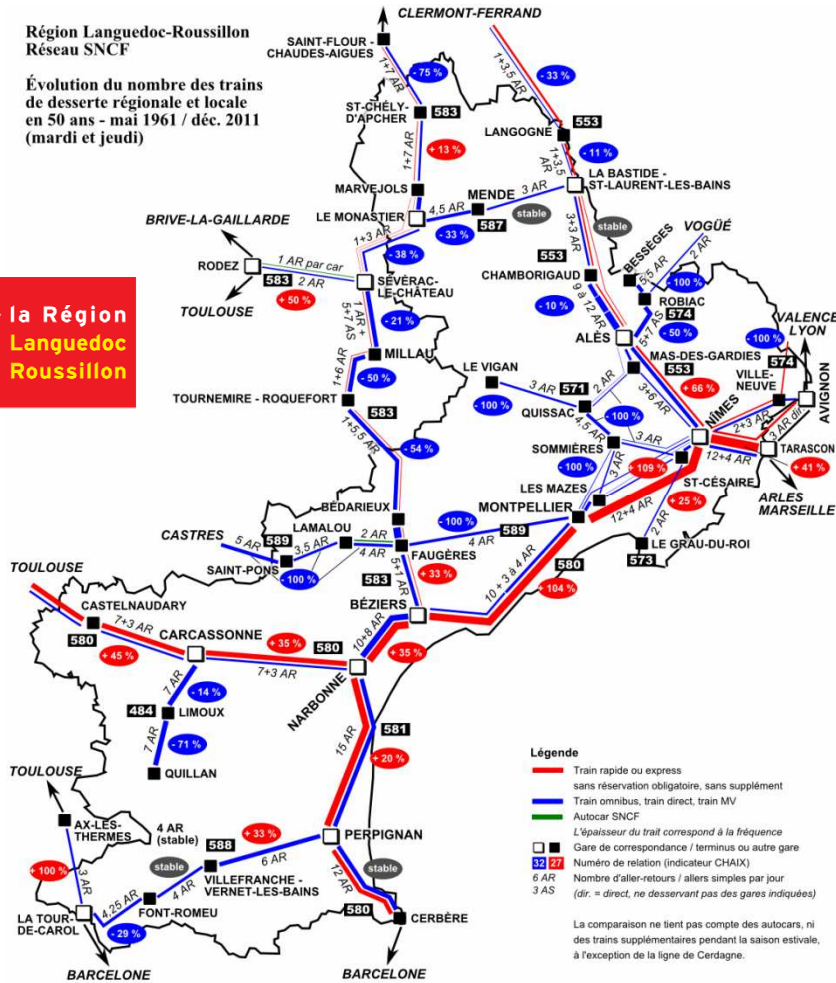


# Reaching a regional railway without borders CAT – LR – MP

## 4.1 Opportunities: nearest managing of rail services

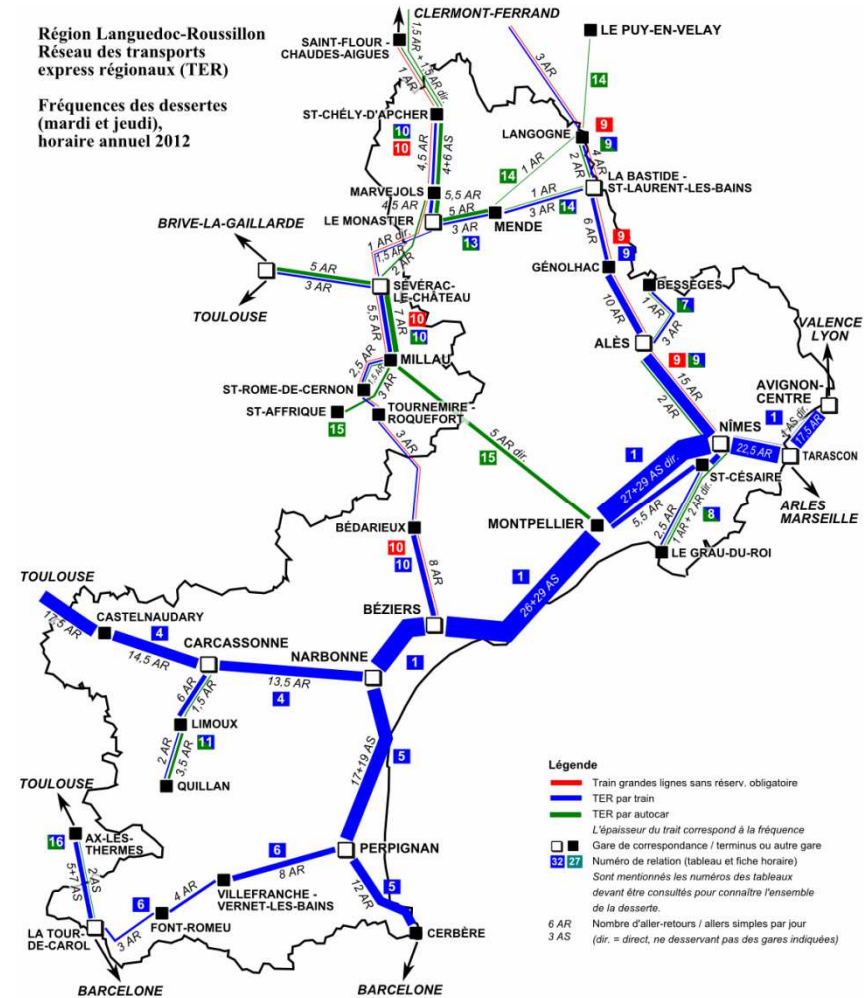
Région Languedoc-Roussillon  
Réseau SNCF

Évolution du nombre des trains de desserte régionale et locale en 50 ans - mai 1961 / déc. 2011 (mardi et jeudi)



Région Languedoc-Roussillon  
Réseau des transports express régionaux (TER)

Fréquences des dessertes (mardi et jeudi), horaire annuel 2012





## Reaching a regional railway without borders CAT – LR – MP

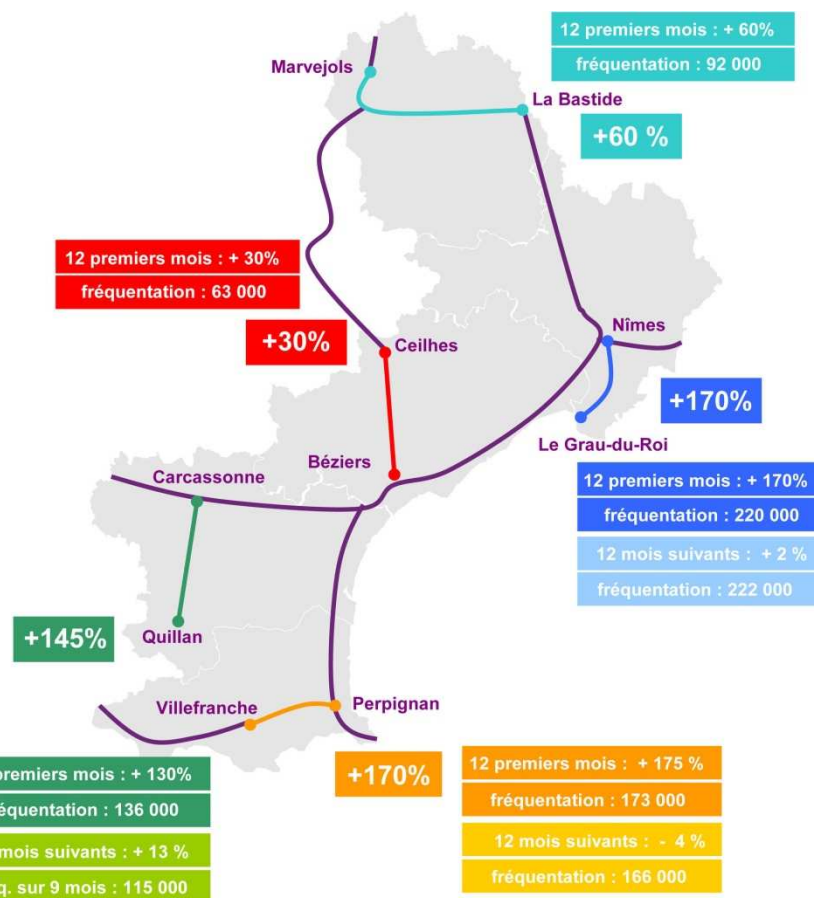
### 4.1 Opportunities: nearest managing of rail services



Nîmes - Le Gran du Roi	07/2011
Béziers - Bédarieux	12/2012
La Bastide - Marvejols	06/2012
Carcassonne - Quillan	03/2012
Perpignan - Villefranche	12/2011

**•200 000 voyages / an avant l'application du nouveau tarif  
695 000 après**

- + 145 % de fréquentation entre Carcassonne et Quillan
- + 170 % de fréquentation entre Nîmes et Le Grau du Roi
- + 170 % de fréquentation entre Villefranche et Perpignan
- + 30 % entre Ceilhes et Béziers
- + 60 % entre Marvejols et La Bastide



# Reaching a regional railway without borders CAT – LR – MP

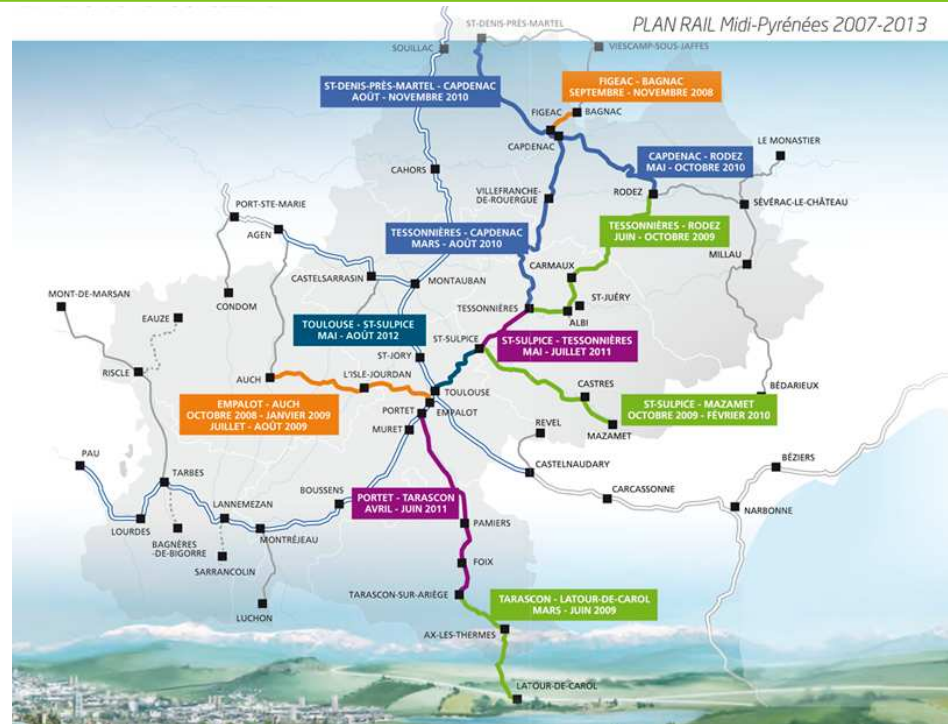
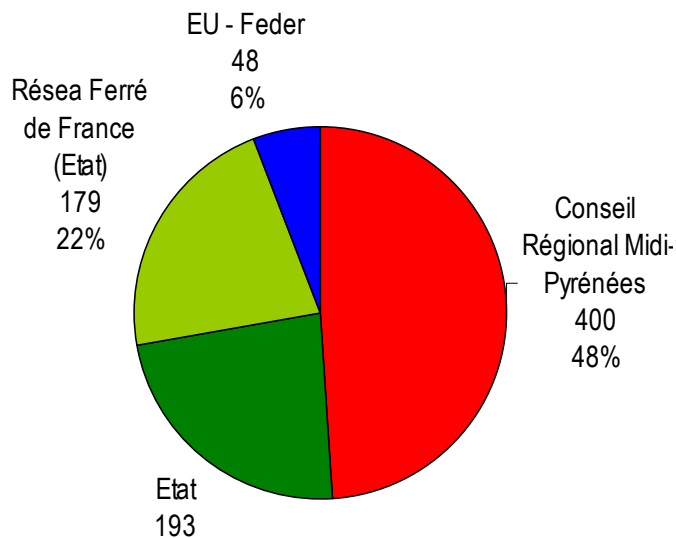
## 4.1 Opportunities: nearest managing of rail services



**Objectives:** To duplicate passengers

**Works:** 550 km of renewed tracks, 25 km of duplicated track, 250 km of signaling modernization, 20 modernized bridges, and increasing of capacity in Toulouse Matabiau Station

**Investment:** 820 M€



	2002	2012
Trains	150 dessertes/jour	348 dessertes/jour
TER	5 millions de voyages/an	11,8 millions de voyages/an
Autocars	53 liaisons/jour 4 300 000 km parcourus 2,1 millions de voyages/an	53 liaisons/jour 6 458 120 km parcourus 1,2 millions de voyages/an

## Reaching a regional railway without borders CAT – LR – MP

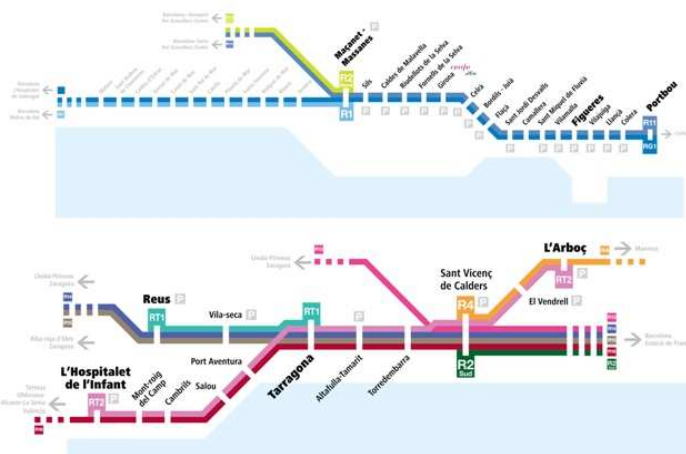
### 4.1 Opportunities: nearest managing of rail services



Generalitat de Catalunya  
**Departament de Territori  
 i Sostenibilitat**

**Increasing services:** For first time from 1992, new scheduled trains in Tarragona and Girona areas. Improvements in lines R3 (Puigcerdà – BCN) and others. New half-direct trains in R3 and R4 lines

**Enlarging fare integration:** All the regional trains are integrated in the common fare system for bus and train in Tarragona.



**Rodalies de  
 Girona**

**Rodalies del  
 Camp de  
 Tarragona**



## Reaching a regional railway without borders CAT – LR – MP

### 4.2 Opportunities: synergies between regional trains and HST



### Definitively opened standard gauge and fast connection through Pyrenees

**80s:** First attempt to connect Barcelona with France, under the liderage of Ferrocarrils de la Generalitat de Catalunya (FGC)

**1990:** FGC concluded the feasibility study and project of the new HSL. Spanish Government rejects to prioritize this internacional connection due to the prority of radial projects from Madrid

**1995:** Generalitat de Catalunya concludes the land reserves in order to make easier the construction of the line, competence of the State

**1996:** HSL Barcelona – France is aproved by the State but as an extension of radial project Madrid – Barcelona.

**2008:** Inauguration of the HSL Madrid – Barcelona

**2011:** Inauguration of the international HSL section between Perpignan and Figueres

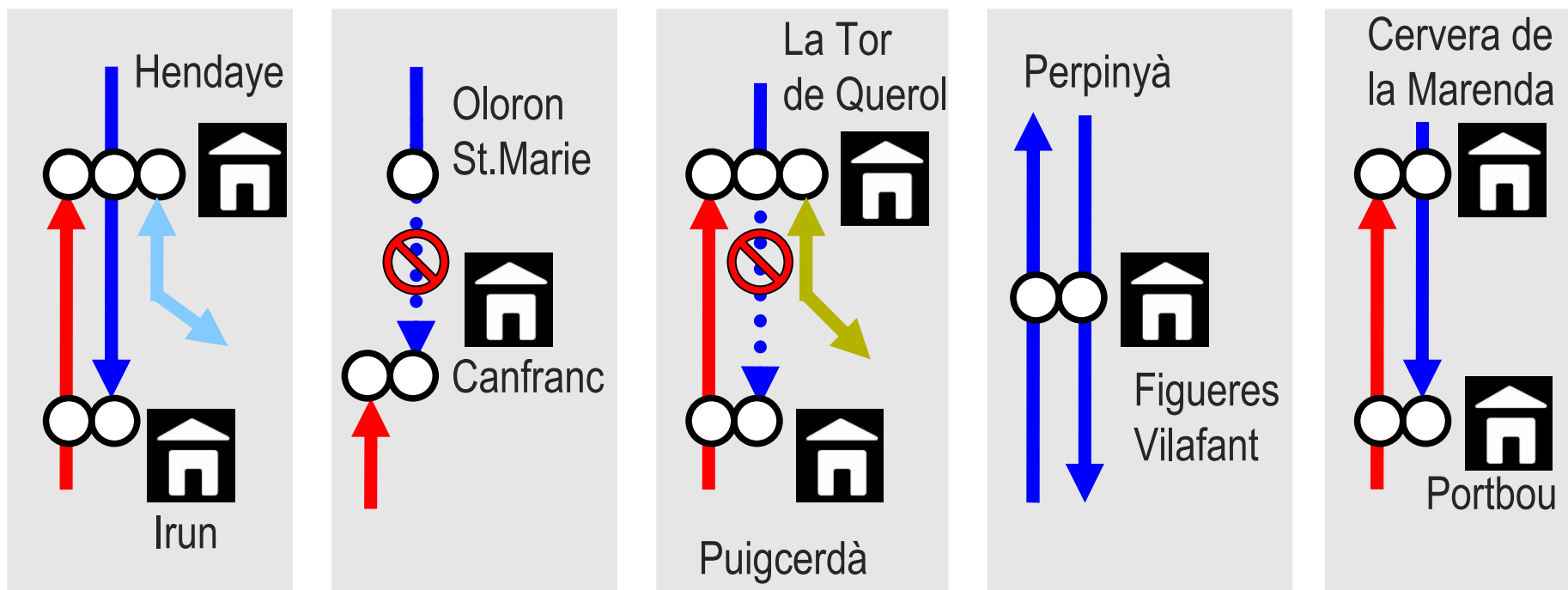
**2012:** Inauguration of the HSL Barcelona - Figueres

**2013:** First direct services, operated by Renfe and SNCF

## Reaching a regional railway without borders CAT – LR – MP

### 4.3 Opportunities: optimize the transfer border stations

#### A strange reciprocity at border stations

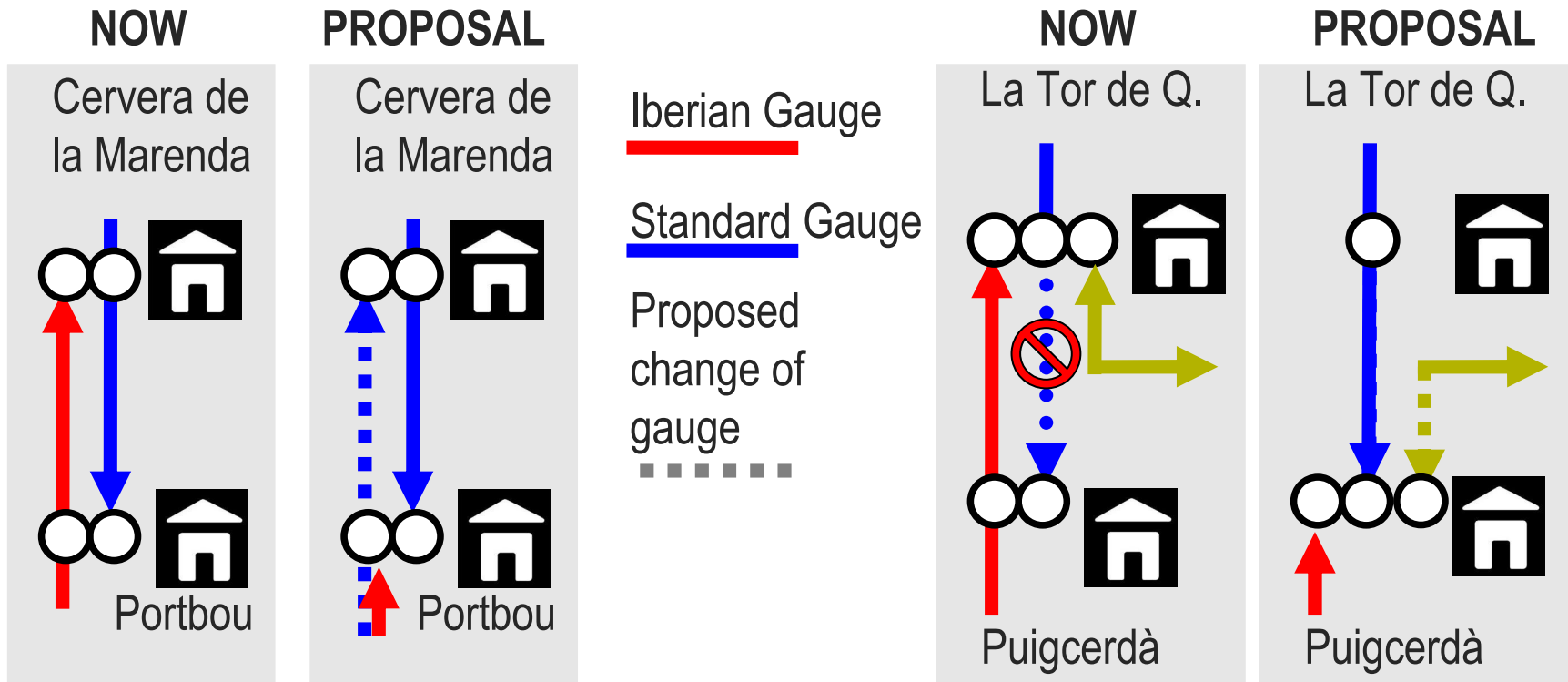


- Iberian Gauge
- Standard Gauge
- ..... Closed connection
- Metric Gauge (Train Jaune SNCF)
- Metric Gauge (Topo. EuskoTren)



## Reaching a regional railway without borders CAT – LR – MP

### 4.3 Opportunities: to optimize the transfer border stations

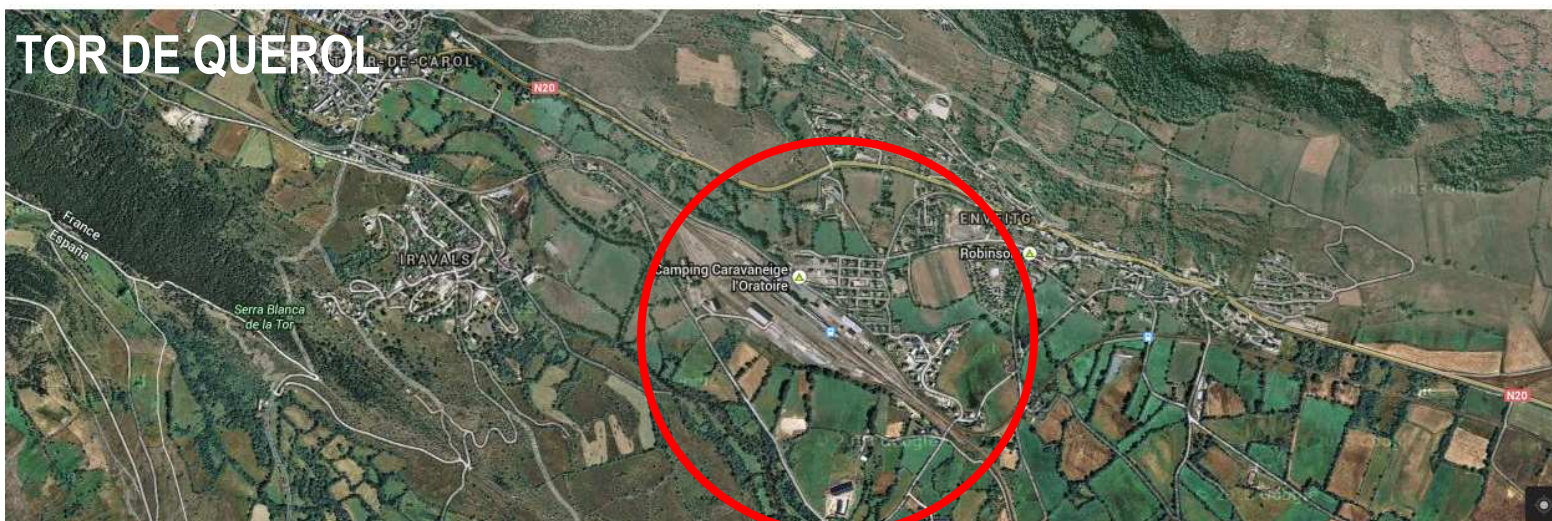


- Double stop
- Standard gauge between Cervera de la Marenda and Portbou and Girona

- Centralization of interchanges at Puigcerdà
- Metric gauge instead of Iberian gauge between la Tor de Q. and Puigcerdà

## Reaching a regional railway without borders CAT – LR – MP

### 4.3 Opportunities: to optimize the transfer border stations





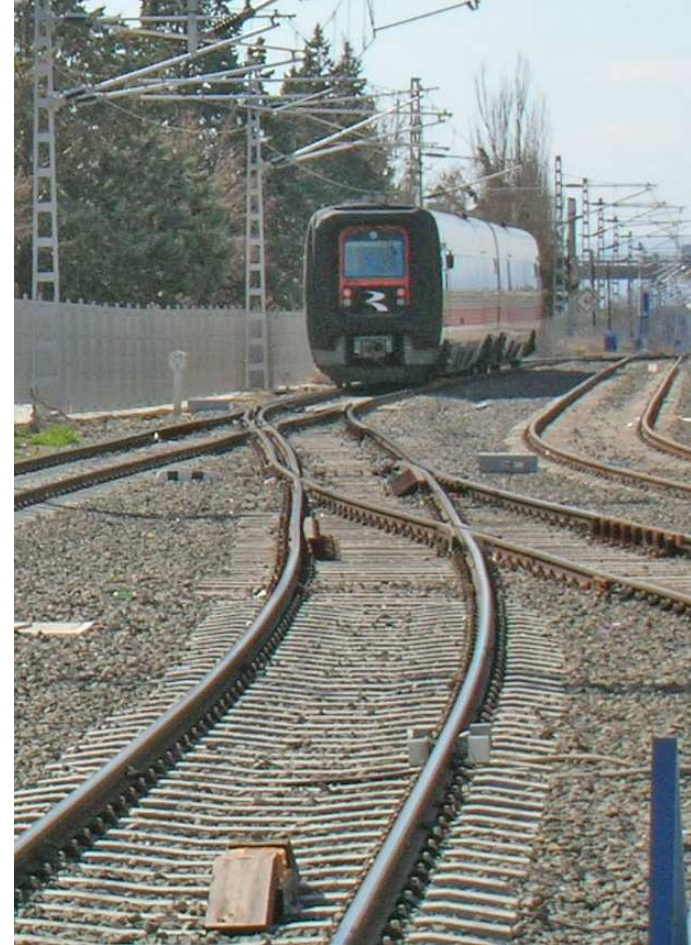
## Reaching a regional railway without borders CAT – LR – MP

### 4.4 Opportunities: to take profit of technologies



## Reaching a regional railway without borders CAT – LR – MP

### 4.4 Opportunities: to take profit of technologies





## Reaching a regional railway without borders CAT – LR – MP

### 4.4 Opportunities: to take profit of technologies



## Reaching a regional railway without borders CAT – LR – MP

### 4.4 Opportunities: to take profit of technologies

In front of absence of infrastructure, two countries are able to connect their railways by ferry...

Why can't we ensure more direct connections when the rail infrastructure is continuous?





## Reaching a regional railway without borders CAT – LR – MP



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