

EasyWay

Annual Forum 2010



Shortcut to the future.
Lisbon • November 16th-18th

**Cross-border travel times
on the ACESA-ASF networks**

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ASF : A french motorway network of Vinci Autoroutes



VINCI Autoroutes :

The first motorway operator in Europe
4 300 km of motorway network

4 motorway networks :
ASF, Cofiroute, Escota & Arcour
Over 50% of the french toll motorway network

3 cross-border corridors

VINCI Autoroutes at a glance:

7 873
Permanent employees

4 299 km
Motorway network in operation

85 km
Motorway network in projet
or in construction

281
rest areas

171
services areas

+ 2 millions
customers per day



ASF : Key Figures



€ 2 357 millions

In revenues



4 872

Employees
(womens 43%)

577 000

EFC subscribers
(light vehicles)

406 millions

Toll transactions





ASF major commitment :
to inform all customers on traffic conditions

June 2009,ASF launched a customer commitment process through the « ASF customer charter » : to provide a better answer to customers needs in terms of traffic flow, safety and comfort.

1st commitment :

« To inform on real-time traffic and weather conditions, road works and travel times on our motorways network through our website, our radio 107.7, our variable message signs ... ».



Towards travel times everywhere at any time on the ASF network



Launched at the summer 2010 :

- through our VMS to provide customers with travel time information at any time (including with no events)
 - before the trip,
 - before they enter the network
 - during the trip
- Systematic display of through-times in the case of incidents and crisis



Broadcast on all the ASF network since the 15th of June 2010 :

- Over 2600 km
- Around 50 destinations addressed
- Multi channel coverage :
 - Around 400 VMS
 - Radio Trafic FM (107.7)
 - Internet asf.fr






An high potentiel of innovation

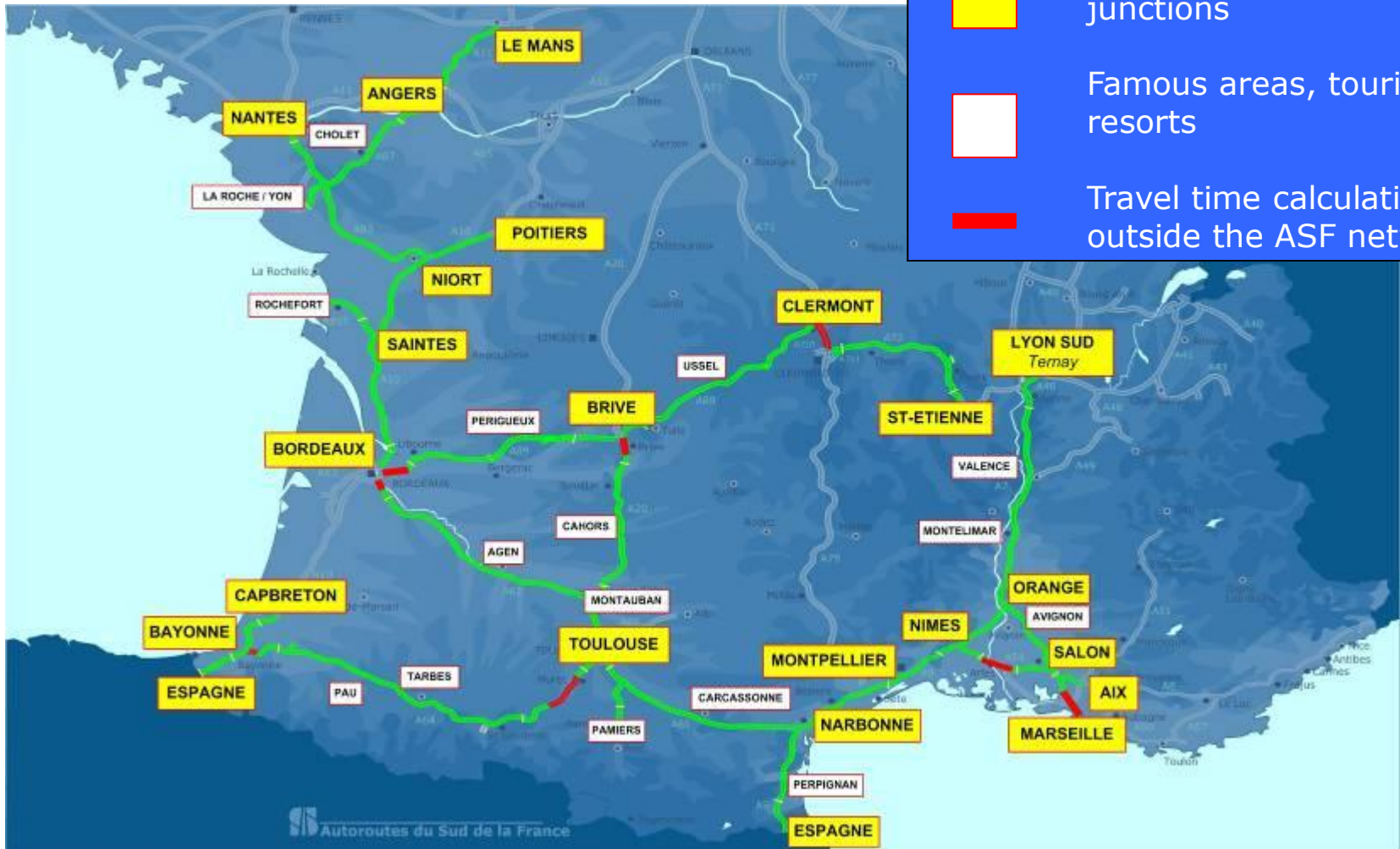


- **A true first on widespread interurban networks**
- **Our systems processes and updates travel time in real time (every 1' or 6' according the site)**
- **An automatic and permanent broadcast :**
 - Actualization every **6 mins**
 - good reliability of broadcasted times
- **Through 2 information sources**
 - **Traffic counting station located under the road**
 - They record the number of vehicles
 - They measure the speed
 - **Toll datas :**
 - They indicate entrance and exit time
- **A capacity to integrate new data sources provided by new technologies : ALPR, FCD, FMD**



Full extension of travel time information

-  Major cities, main junctions
-  Famous areas, touristic resorts
-  Travel time calculation outside the ASF network





Extension of the service at cross-border level

➔ Cross-border Interoperability with Spain (Catalan border) is on-going

In order to provide customers

- heading for Spain with travel time information to Junquera (border) and Barcelona
- heading for France with travel time information to Perpignan and Montpellier



Context





A cross-border area with a complex context

- Bad weather conditions : snow, wind, floods, forest fires
- Customs control area
- Different traffic regulations : driving restrictions to HGV that make up 32% of cross-border traffic





Traffic conditions in august 2010 (ASDT)



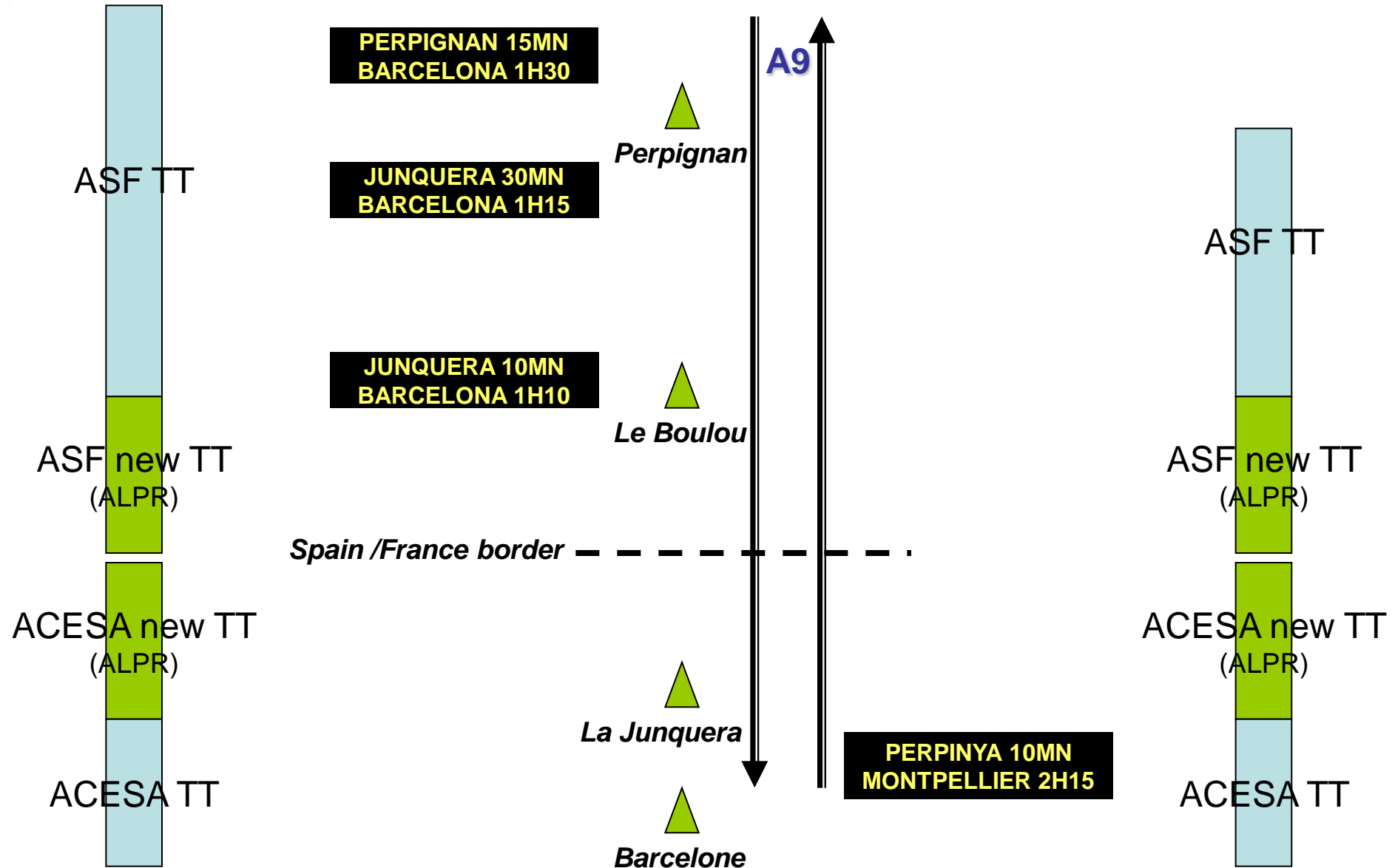
 > 80.000

 Between 50.000 and 80.000



- **A project launched beginning of 2010 with a launching achieved in November**
- **Powerful algorithm for TT data calculation, fusion and aggregation fed with :**
 - Toll data and classical traffic counting stations (achieved in June)
 - Automatic Licence Plate Recognition : **new achievement**
- **ALPR Camera**
 - Infrared technology
 - On-board processing of images
 - High Definition resolution of 1280 x 960







And next ?

A customer evaluation at the beginning of 2011

Cross-border cooperation with neighbouring operators : provide travel times to Spain and major French cities :

- At national level : works in conjunction with Public road operator and toll motorway operators (ESCOTA, Cofiroute, APRR) to provide information to major cities (Paris, Lyon, Marseille, Nice) surrounding our network
- Ongoing discussions with Bidegi (Saint-Sebastian) about an inter-operator travel time service



Thanks for your attention