

46TH ASECAP STUDY & INFORMATION DAYS

Abertis' Road Safety Global Programme

Philippe Fenain – Corporate Director of Operations-Quality-Safety

*Grand Hotel Union, Ljubljana, Slovenia
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www.asecapdays.com



Organized by



1 Abertis
in the world: 8650 km

Chile

771 km
1,231

Argentina

175 km
2,160

Brazil

3,250 km
5,753

Puerto Rico

90 km
80

India

152 km
53

France

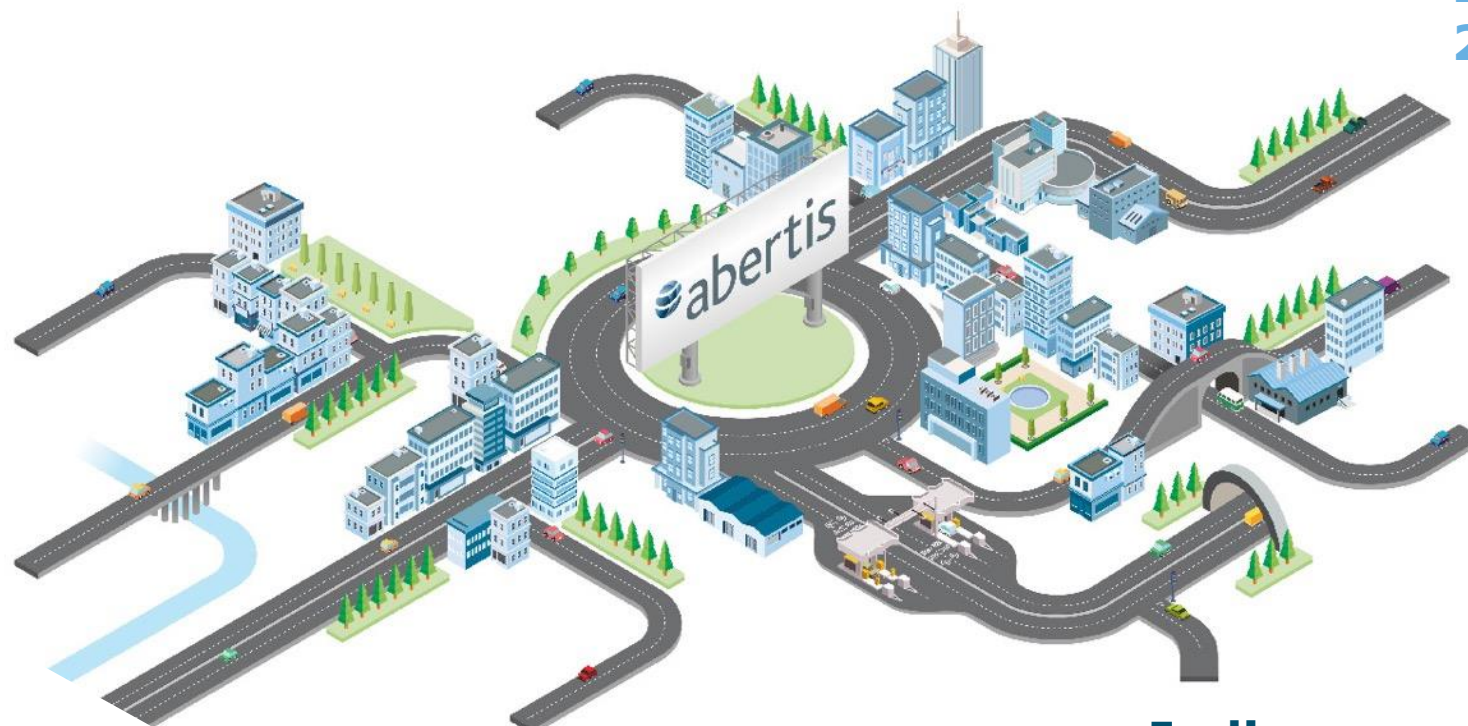
2,063 km
2,756

Italy

236 km
609

Spain

1,778 km
2,058



2 Road Safety

our priority

- ✓ Global ambition: zero fatalities in 100%-safe toll roads
- ✓ More than 60 years of experience
- ✓ Transversal teams of all disciplines and geographies

Accident with injury rate

▼ **3,2%**

2017

▼ **9%**

2015-2017

Fatality rate

▼ **6,1%**

2017

▼ **22%**

2015-2017



Committed to road safety

2

Road Safety

Road Safety Programme goals

A Global plan
for the Group

I.
Upgrading
infrastructure

V.
Improving
vehicules

U.
Improving
operations

U.
Improving
road users'
behaviour

U.
Education &
awareness



Abertis Road Safety Programme

3 Safer Infrastructure

Forgiving roads



Independent assessments for continuous improvement



Worldwide presence
International reputation



Homogeneity of assessments
(benchmarking)



Counter-measures
Investment plans optimization



Capability to communicate on results and/or Abertis commitment
Negotiation with the Administrations where possible
(sound and clear targets)



Global alliance with iRAP



3 Safer Infrastructure

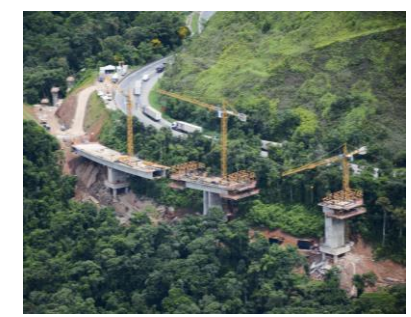
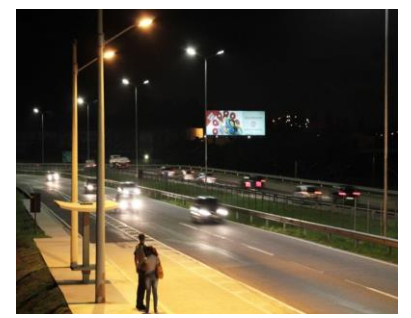
State-of-the-art infrastructures



Design, construction and continuous maintenance



Smart engineering and technology solutions

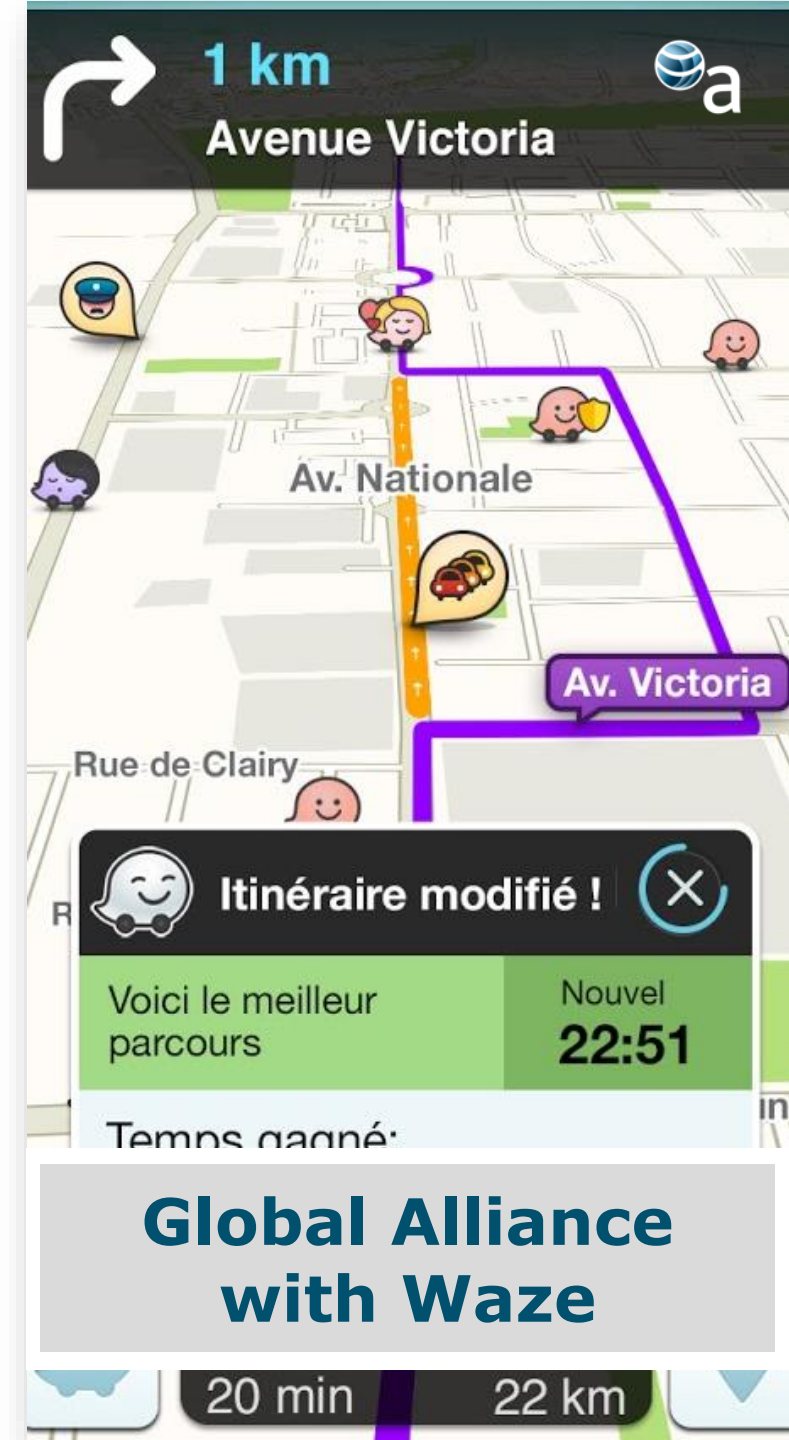
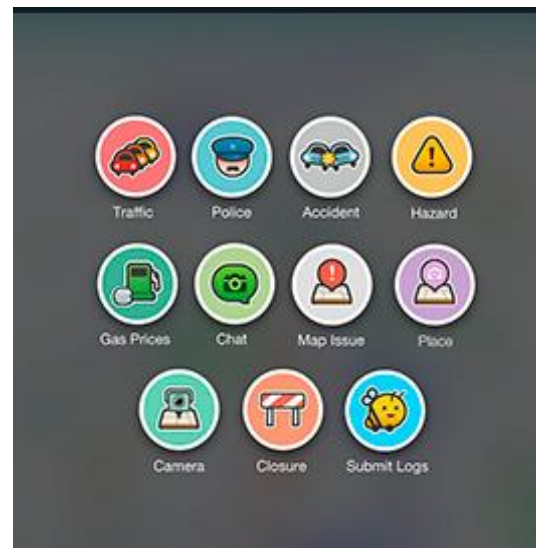


Sharing best practices

3 Safer Users

Improving operations

Data sharing to improve transparency and real-time information about events, accidents, on-going operations, personnel working on the road...



3 Safer Users

Client Intelligence: The Abertis Global Drivers' Observatory 2017

Abertis' global "Drivers Behaviour Observatory": A study based on the drivers behaviour in Abertis' toll roads in relation to 6 common actions on the everyday driving experience

+2 Mn Analyzed cars

6 Countries

49 Days of observation

SPEED	ROAD SHARING	BLINKERS	SAFETY DISTANCE	MOBILE PHONE	SAFETY BELT
32% drive over speed limits	26% does not drive on the right lane	44% do not use the blinkers to change lane	25% does not respect the minimum safety distance	5% use mobile phone while driving	36% of the passengers travelling on the backseats do not wear seat belt

3

Safer Users

Client Intelligence: The Abertis Global Drivers' Observatory 2017



 Spain	38% 35%	15%	45%	16% 7%	5%	Backseat passenger: 21% Driver: 0,2%	 72% of backseat passengers in Puerto Rico do not use the safety belt
 France	41% 15%	37%	38%	25% 15%	4%	Backseat passenger: 13% Driver: 1%	
 Argentina	10% 44%	23%	49%	69% 57%	13%	Backseat passenger: 69% Driver: 21%	
 Chile	53% 55%	54%	32%	75%	5%	Backseat passenger: 28% Driver: 12%	 57% of Brazilians does not use blinkers to indicate overtaking
 Brazil	30% 25%	26%	56%	16% 14%	1%	Backseat passenger: 48% Driver: 1%	
 Puerto Rico	15% 28%	--	74%	37% 2%	12%	Backseat passenger: 72% Driver: 7%	

21% of Spanish backseat passengers do not use the safety bealt



41% of French light vehicles overcome the maximum speed limit



69% of the Argentinian light vehicles overcome maximum speed limits

54% of Chileans do not drive on the right lane



3

Safer Users

Research, education and awareness campaigns



Awareness campaigns for vulnerable audiences



INSTITUT GUTTMANN
HOSPITAL DE NEUROREHABILITACIÓ
Institut Universitari adscrit a la URB



Agreements with global institutions

in support of



TOGETHER FOR SAFER ROADS
COMPANIES DRIVEN TO SAVE LIVES



Global dialogue for better transport



University research through the International Network of Abertis Chairs



chairs
transport infrastructures management and road safety

Global Alliance with UNICEF

rights of way



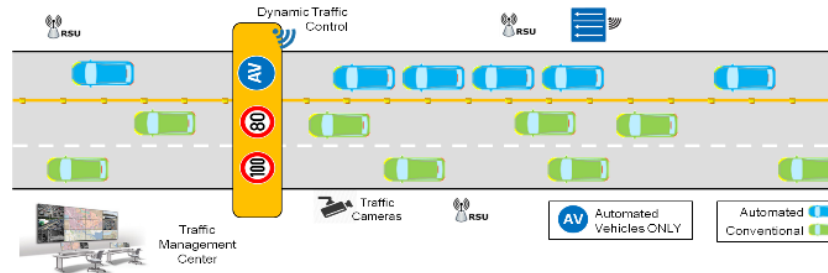
3 Safer Cars

Innovation – Autonomous cars

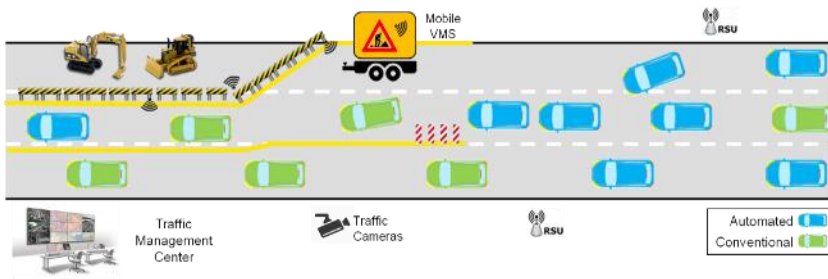


Innovation programmes to help the car industry to make safer autonomous cars

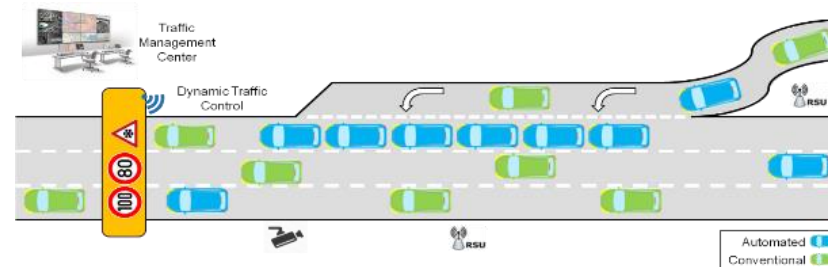
Dynamic lane assignment



Construction sites/Roadworks zones



Bottlenecks



Autonomous cars
safety R+D

4 Road Safety

Abertis' Global Vision

Toll roads appear to be 4 to 5 times safer.

Still, strong commitment, continuous investments and efforts are necessary.

Some key points:



Global vision on safety, and extensive exchange of good practices



Safer users through strong operations and intensive use of technology



Safer infrastructure, from construction to maintenance.



Knowing our clients for better education & awareness



Financial strength
(PPP/pay-per-use)



**Abertis' Road Safety
Global Vision**

Thank you!

