

Abertis is the leading international operator of toll-roads



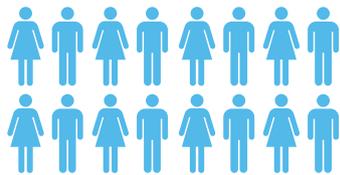
We operate more than 8,650 kilometres of high quality, high capacity roads around the world.

Our top priority is the safety of our drivers. We are continually investing in smart engineering and technologies - including big data, internet of things, and electric and connected vehicle systems - to make sure our customers have a smooth experience using our roads: safe, comfortable, fast and convenient.

Abertis Key Highlights

15,000

employees worldwide



€5bn

EUR
Group's total revenues
(Annual report 2016)

€13.2bn

EUR
Market Capitalisation
(c.31st Dec '16, Madrid
Stock Exchange)

74%



74% of Group's revenues are generated
outside Spain (2016)

34% France

26% Spain

15% Brazil

5% Hispasat

9% Chile

3% Italy

8% Other

14 Countries in Europe, Americas and Asia



**We are significantly
increasing our investments
in infrastructure**

EUR

€23bn

Invested in our roads since 2003

EUR

€2.6bn

In 2016

Road Tech

at the intersection between technology and infrastructure

Congestion reduction

We are pioneering a number of innovative approaches across our network to enhance mobility. For example **Metropistas**, Abertis' subsidiary in Puerto Rico, has applied:

Dynamic Toll Lanes - adjusting pricing in real time to enable congestion-free travel

100% free-flow tolling – meaning less congestion, less accidents and less emissions

Reversible lanes
- to increase capacity in peak hours

Smart roads & integrated mobility



Collaboration with Waze

Abertis has signed a worldwide agreement to join the Connected Citizens Program through Waze, the community-based traffic and navigation app. This two-way data sharing partnership will allow combine the real-time traffic information from Waze with the data collected at Abertis operations centres in 7 countries – Spain, France, Brazil, Chile, Puerto Rico, Italy and Argentina. The aim is to ease congestion and improve road safety.



Lab City Project

Abertis subsidiary in Chile is using smart road tech to enhance safety including LED panels and laser signalling with real-time traffic information.

Electric cars



Corri-door project (France)

Sanef, in a multisectional project, is deploying fast-charging stations for electric vehicles across France.



Fabric – dynamic charging (France)

Sanef, together with other 22 partners, is studying the feasibility of on-road wireless charging solutions for electric vehicles.

Autonomous & connected vehicles



SCOOP@F project

Sanef is a key partner in developing a 'Cooperative Intelligent Transport System', which allows vehicles and roads to exchange information about traffic conditions.



Inframix Project

Partnership between Autopistas (Spain) and the European Commission to define the role of infrastructure in the transition to autonomous vehicles.

Free flow technologies



Barrier free mobility

Abertis' technology and services branch emovis is the expert in the design and operation of high-performance free-flow electronic tolling solutions. It handled more than 300 million transactions in 2016, at cutting-edge assets like the Dartford Crossing in the UK, and at sites in Canada (British Columbia), Ireland and Puerto Rico. In the USA, it works in a pioneer pay-per-mile program in the state of Oregon. Emovis is currently leading the Mersey Gateway free-flow tolling project, which incorporates an innovative DSRC and RFID mixed technology solution for first time in Europe. emovis is a leading player in the implementation of Road Use Charge programs, including a pay-per-mile pilot in Oregon, USA.

Interoperability



Seamless movement

Abertis, via its electronic toll payment management companies - Eurotoll, Bip&Drive, Bip&Go - is leading the deployment of the European Electronic Toll Service (EETS). Its aim is to allow interoperability of different networks, working with other concessionaires to ensure seamless travelling between European countries.