

SST.2013.5-3

Innovative, cost-effective
construction and
maintenance for safer,
greener roads

COST EFFECTIVE CLIMATE CHANGE RESILIENT

design, construction and maintenance of ROADS

Estimated funding: 3M€

Definition:

This project aims at increasing European and neighbouring roads resilience against climate change damage, by deploying innovative and cost effective road design and maintenance adaptations. These adaptations, which will include: winter roads, floods, sea-level rise and high temperatures, will enlarge the life of the roads with a minimum impact on the environment.

Consortium

Industrial Partners: 4 (more industrial partners required)

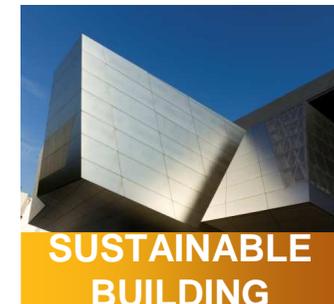
Research Centres: 3

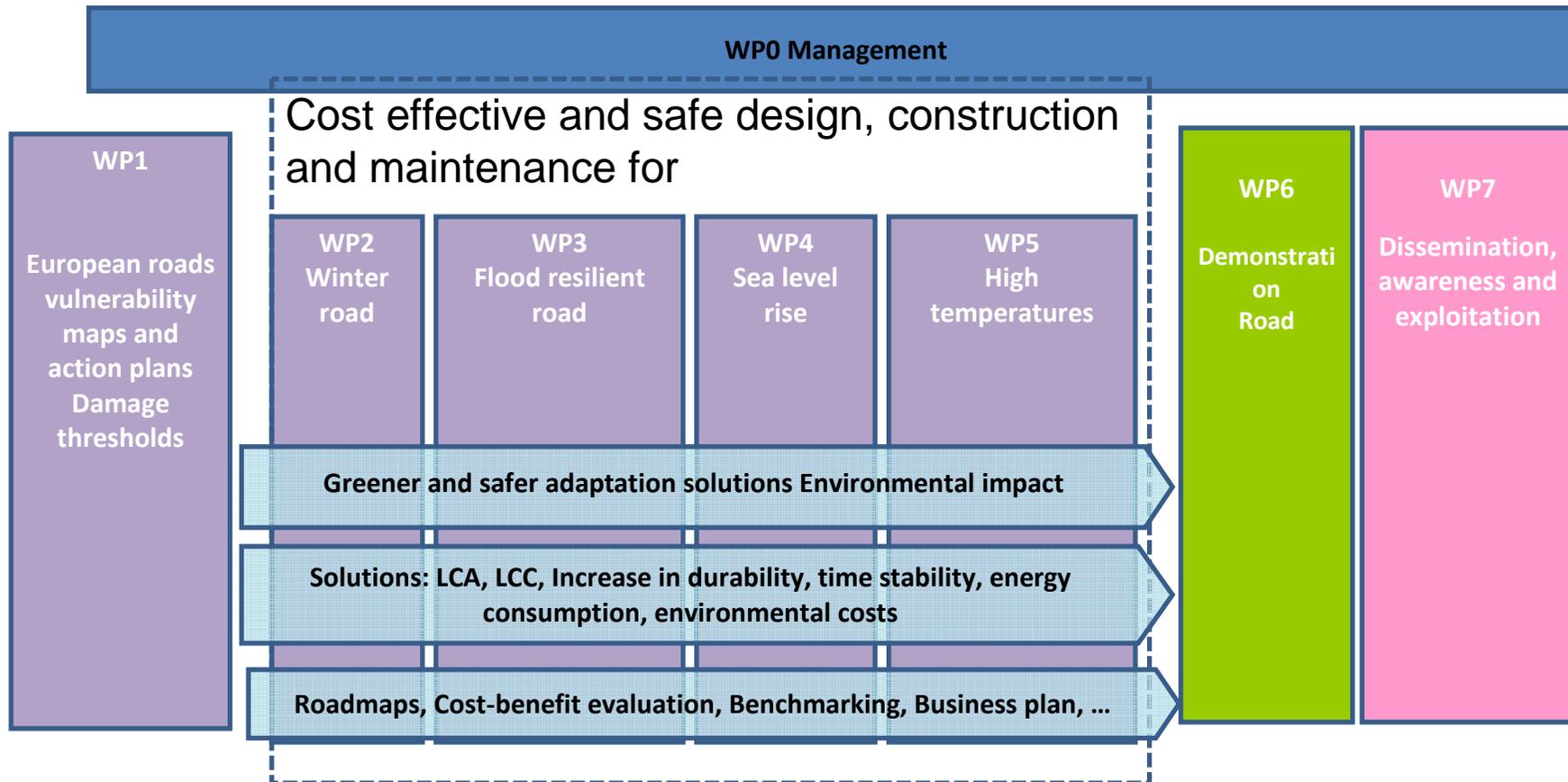
Public bodies: 1

Countries: Norway, Netherlands, Italy, Spain, UK...

TECNALIA is the first applied research centre in Spain and one of the most important in Europe with around **1.500 people on staff**, **122€ millions** turnover and more than **4.000 clients**.

Organized in 7 Business Divisions: we work from the experience and the expertise in each of the markets in which we operate, with an efficient and proactive attitude





Increased resilience to climate change

- Network 100% reliable during extreme events. Connections offered by LD Corridors and urban infrastructures do not disrupt due to climate change impacts (floods, sea level rising, extreme events...)
- Reduction of delivery time and less disruption increase European economic competitiveness
- Infrastructures are safer: Reduction of road fatalities and emergency management
- Improved traffic management, based on smart and advanced monitoring solutions
- Life extension of aged infrastructures by appropriate maintenance and management
- Use of more durable materials (e.g. for pavement) with higher performances and less nuisance

www.tecnalia.com

