
ENHANCING RESEARCH AND INNOVATION IN EUROPE: THE ROAD SECTOR EXPERIENCE

Organised by



Tuesday, 12 September 2017
Madrid, Spain

EUROPEAN COMMISSION REPRESENTATION IN SPAIN

Paseo de la Castellana, 46
28046 – Madrid (Spain)

In collaboration with the:



MORNING SESSION: Current scenario for the research in Europe

Moderated by:

Professor Daniel Castro (University of Cantabria) & **Jesús Rodríguez** (Spanish Construction Technology Platform)

9.30 – 9:40 Welcoming remarks

European Commission Representation in Spain

9:40 – 11.00 Promoting innovation in road infrastructure sector in Europe

- *The European Union Research Strategy*, **Bill Bird (European Commission)**
- *Latest technological trends in the asphalt sector*, **Juan José Potti (EAPA)**
- *The Use of End-of-Life Materials, Waste and Alternative Binders*. **Livio Trussardi & Matteo Bacchi (ALTERPAVE)**
- *The SustainEuroRoad Software to assess environmental performance during road construction*, **José Luis Peña (ASEFMA)**
- *The promotion of self-healing asphalts: HEALROAD Project*, **Breixo Gómez (University of Nottingham)**
- *Biomass incorporation in Asphalt manufacturing Towards Less Emissions of CO2: Battle-CO2 Project*, **Alberto Moral (CARTIF)**

11.00 – 11.15 Coffee Break

11.15 – 12.45 DURABROADS case study

- *Assessment of main gaps in road materials and procedures*, **László Gáspár (KTI)**
- *Bitumen modified with nanotechnologies to extend durability and resilience*, **Raquel Casado (Acciona)**
- *Development of a more resource-efficient construction: increasing by-products and RAP, optimizing material transportation, promoting low temperature asphalts*, **Pedro Lastra & Irune Indacochea (University of Cantabria)**
- *Adaption of asphalt pavements to climate change and freight transport through design*, **Pablo Pascual (University of Cantabria)**
- *Validating Economic and Environmental feasibility of the DURABROADS Asphalt Mixtures*, **Divya Deepankar (BSRIA)**

12.45 – 13.30 Accelerating the implementation of sustainable and innovative road solutions: Green Public Procurement



- *Rationale and Development of the GPP Criteria*, **Elena Garbarino (Joint Research Center – European Commission)**
- *Deployment of GPP by Public Authorities*, **Gorane Ibarra (Basque Country Government)**

AFTERNOON SESSION: Promoting EU & US research collaboration

14.30 – 14.35 Welcome

Representative European Commission

14:35 – 15:30 A successful collaboration case study: the twinning experience in collaborative projects

- *The European Union vision in transport research*, **Bill Bird (European Commission)**
- *The US approach towards present and future partnerships*, **Sean Li (Federal Highways Administration)**
- *The EU vision from the European academic perspective*, **Daniel Castro (University of Cantabria)**
- *The LCE4ROADS experience: A research project promoting sustainability through greener certificates*, **Aquilino Álvarez (Acciona)**

15:30 Conclusions (University of Cantabria)