

ECOSMART ROAD 2.0

Cycle paths made of recycled plastic and milled asphalt and application of advanced sensors to monitor the parameters of wear, passage, control subservices and information point

ECOSMART ROAD 2.0 aims to **develop a new road product/system to be introduced on the market.**

This system is characterized by **elements of strong innovation** (acquisition and management of deformative passing data that allow the application of predictive maintenance systems, creating an intelligent cycle-road system in which the P.A. can have real-time traffic data, control of subservices, through access to a dedicated digital platform that returns data and the possibility of using the information point to disseminate the typical features and culture of the territory).

An **innovative road system for cycling applications** with prefabricated modules composed of **recycled plastic and milled asphalt**, with **sensors** for sub-services and information point where you can receive the **main tourist information** on the territory and on the productive excellence of the area.

ECOSMART ROAD 2.0 is a funded project under the Technology Platform of "FILIERA" - Pi.te.F. by the Piedmont Region with the European Regional Development Fund (ERDF) 2014/2020

FUNDED PROJECTS PROJECT SHEET



POLITECNICO
DI TORINO
Dipartimento di Ingegneria
dell'Ambiente, del Territorio
e delle Infrastrutture

PROJECT DURATION

30 months
(from 26/01/2021 to 31/07/2023)

PARTNERS

- S.A.M. SpA (Coordinator)
- CISMONTI Srl
- INFORMATICA SYSTEM Srl
- PROPLAST Srl
- NAYL COMPOSITE TECHNOLOGY Srl
- GALLICCHIO STAMPI Srl
- Politecnico di Torino (DISAT e DIATI)

FUNDING INSTRUMENT

Fondo Europeo di Sviluppo Regionale
(FESR) (European Regional Development Fund)

BUDGET

Total Funding: **204.000 €** (102.000 €
allocated to DIATI and 102.000 € to DISAT)

POLITO and DIATI's role:

For Politecnico di Torino, the project involves
DISAT and DIATI departments.

Scientific manager for DIATI:
Prof. **Giuseppe Chiappinelli**