Now

8. Plasmix Road

PLASMIX ROAD

Plastic and Asphalt Synergies for MIXtures in low-carbon ROAD infrastructure.

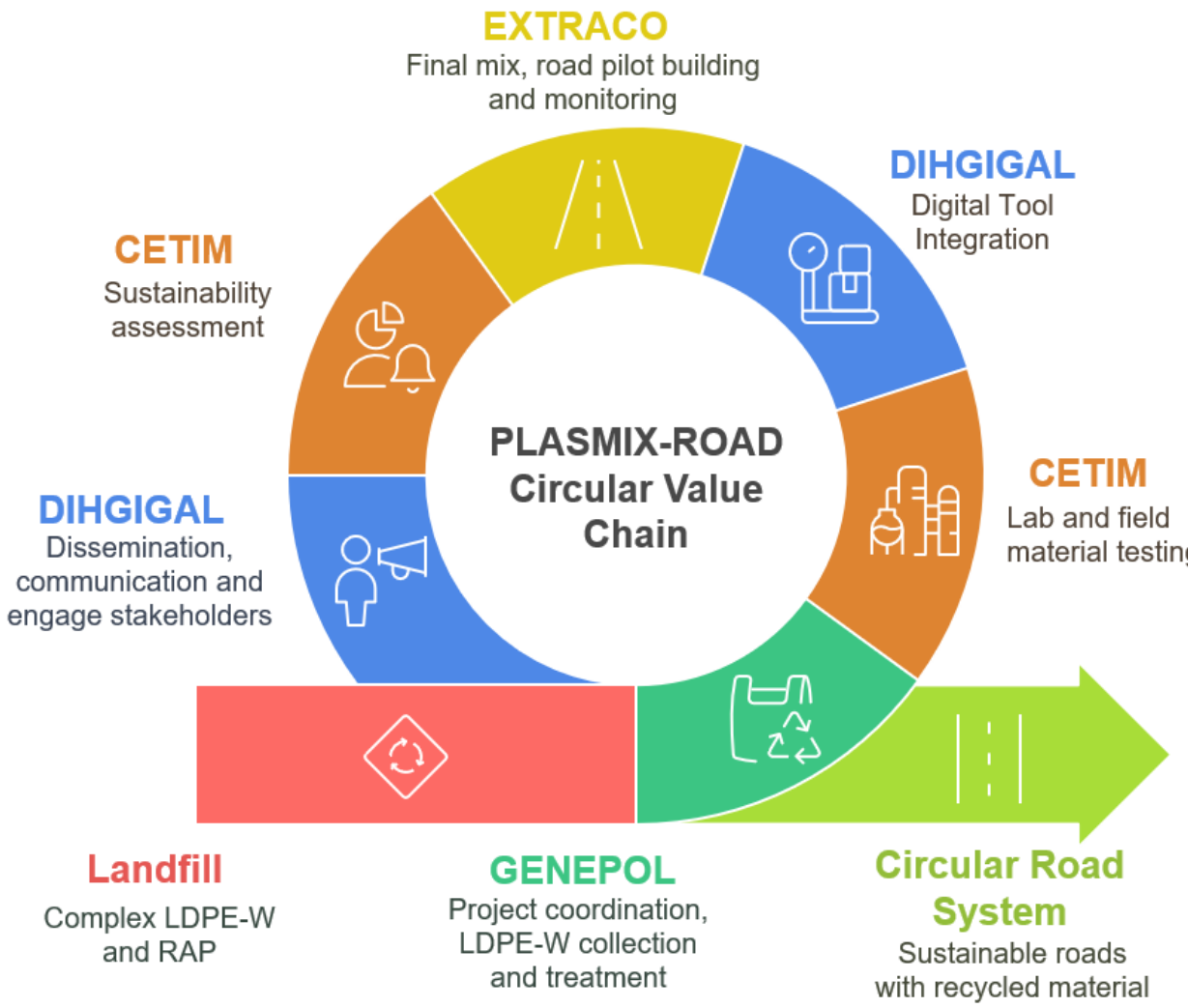
The consortium roles:

Genepol

CETIM Technological Centre

extraco s.a.

DIHGIGAL DIGITAL INNOVATION HUB OF THE GALICIAN INDUSTRY



CIRCULOOS

Funded by the European Union

This project has received funding from the European Union's "Horizon Europe" programme under grant agreement 101092295

Challenge

CIRCULOOS

Funded by the European Union

- **Higher-value waste valorisation**

  Plastic waste and RAP require more circular applications

- **Lower dependence on virgin resources**

  Road construction still relies on virgin materials

- **Connected and traceable data**

  Fragmented data limits traceability and impact assessment



This project has received funding from the European Union's "Horizon Europe" programme under grant agreement 101092295

Value proposition and Impact

CIRCULOOS

Funded by the European Union

- Circular asphalt solution (10% LDPE-W & 30% RAP)
- Industrial production and road demonstration
- Connected data model integrated with CIRCULOOS
- Waste valorisation and reduced virgin-material demand



This project has received funding from the European Union's "Horizon Europe" programme under grant agreement 101092295

Business potential

CIRCULOOS

Funded by the European Union

- **Locally available waste streams**
  Plastic and RAP valorisation
- **Compatible with existing infrastructure**
  Industrial-scale production using conventional asphalt-plant operations
- **Scalable circular solutions**
  Reduced reliance on virgin aggregates and potential for circular procurement
- **Market potential**
  A replicable solution for more sustainable road infrastructure



This project has received funding from the European Union's "Horizon Europe" programme under grant agreement 101092295