

PROYECTO I+D+i



Project title

Sustainable Materials for Innovative Low-Emission applications in Circular ciTYs

Acronym

SMILE CITY

Project Content

SMILE CITY provides realistic circular systemic solutions to support the evolution towards a carbon neutral and environmentally sustainable economy, free of toxics by 2050. The contribution to CO2 reduction works on two levels: An intensive use of recycled materials to replace the originals, without reducing the performance of the final products AND the use of such products and applications to increase sustainable mobility.

General objectives

One of the main objectives of SMILE CITY is to demonstrate the social benefits of adopting circular practices and industrial symbiosis for SMEs and citizens. To achieve this objective, the project has planned various dissemination, exploitation and education activities. Additionally, SMILE CITY will improve access to financing by engaging corporate investors, encouraging strategic investment through local clusters and circular economy events. The project will advocate for the well-being of citizens and economic benefits for cities through the implementation of circular solutions

Work packages

- WP1 Project Management
- WP2 Design and planning of a mobility solution
- WP3 Circular Systemic Solutions
- WP4 Deployment, production and external installation
- WP5 Quality testing, validation, evaluation and monitoring
- WP6 Life cycle assessment and policy recommendations
- WP7 Exploitation Strategies
- WP8 Communication and dissemination

Business areas

Área técnica de Innovación I+D+i
COMSA CORPORACIÓN y COMSA

Partners

ETRA	Enea
CIE	Unito
CNR	Polito
ECF	Stratagem
Ceus	Solum
Botta	Ecosistemi
Kriti	Flexofibers
TNTU	IPPT PAN
AIMPLAS	LUCCA
IETU	BURSA
Kalyon	Varna
ITeC	Keriddis
IMM	COMSA CORP
BEOGRAD	RECYKL
GMIINA	CMTO
POWEL	LEE
IASLIM	Manresa
FPN	

DURATION

2024 - 2028

BUDGET

TOTAL: 10.001.238 €

KEYWORDS

Urbanismo Circular
Movilidad sostenible
Emisiones CO2
Residuos
Reciclaje

COORDINATOR

Merche Polo
(COMSA CORPORACIÓN)

