

COMPANY OVERVIEW



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PYME INNOVADORA



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COMPANY OVERVIEW



KNOW US

ECOCASTULUM is constituted as a multidisciplinary team of professionals, with the aim of giving companies the necessary support to circulate their by-products and industrial processes, developing new materials or products, as well as the substantial technological improvement of pre-existing processes or systems, so that the environmental impact of the current ones is reduced, reducing the use of natural reserve and the approach to the Sustainable Development Goals.

We provide legal services aimed at establishing appropriate policies to ensure that a company complies with Environmental, Social, and Governance (ESG) requirements.



Specialized in Valorization of industrial by-products



Technology-based company created in 2022



High-Level of Expertise in Advanced Materials Engineering, Sustainability, and Complex Programs Management



Associate member of the Cluster for Sustainable Mining and Associated services of the Iberian Peninsula (ISMC)



Offices inside the Linares Scientific-Technological Campus (Jaen, Spain)



OUR AREAS OF EXPERTISE

PROJECT MANAGEMENT



- **Complex Project Management for Transportation & Industrial Technologies, and Pharma Sector.**
- **Technical, Economical, & Financial Feasibilites Studies**
- **Business Model Studies**
- **Data Management**
- **Regulatory Compliance**
- **Certification & Standardization**

OUR AREAS OF EXPERTISE

SUSTAINABILITY DEVELOPMENT



- **Environmental Bioremediation**
- **Biodiversity recovery**
- **Sustainable construction**
- **Biofuels**
- **BioEconomy**
- **Life Cycle Assesment, Carbon & Water Footprint**
- **CO2 reduction techniques**
- **Renewable Energy Generation**

OUR AREAS OF EXPERTISE

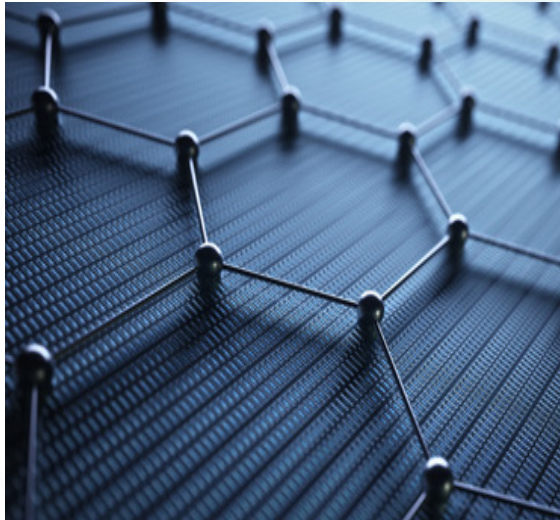
CIRCULAR ECONOMY



- Emerging Technologies
- By-Products Valorization of Construction, Mining, Industrial, and Pharma
- Waste Recovery
- Circular Economy Modelling
- Strategies Studies & Models Implementation
- Industrial decarbonization

OUR AREAS OF EXPERTISE

R&D OF ADVANCED MATERIALS



- **Green Alkali-Activated Cements**
- **Ceramics**
- **Nano-Technology**
- **Polymers**

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OUR KEY SECTORS



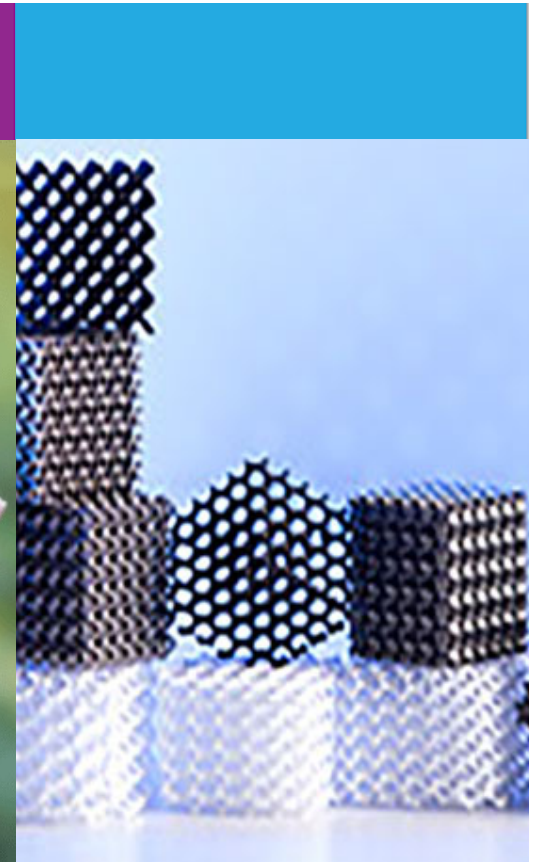
**MINING & RAW
MATERIALS**



**INDUSTRY
DECARBONIZATION**



**ECO-FRIENDLY
APPLICATIONS**



ADVANCED MATERIALS

OUR TECHNOLOGY & PROJECT MANAGEMENT STAFF



Ignacio López Anquela
CEO (Chief Executive Officer)



Founding Partner
Lawyer. Expert in Corporate Social Responsibility, Regulatory Compliance and Circular Economy in the industrial, agricultural and mining sectors. Within the Iberian Cluster of Sustainable Mining, it participates in the coordination of different working groups.



Francisco A. Corpas Iglesias
CTO (Chief Technology Officer)



Founding Partner
Full Professor in the University of Jaen
Dr. Mining and Energy Engineer; Chemical Engineer; Metallurgical Engineer and Industrial Engineer; Materials and metallurgical Expert, with different patents granted, numerous business and research projects and participation in books and countless publications.



Raúl Carrillo Beltrán
CRO (Chief Research Officer)



Multi-disciplinary Program Manager at HyperloopTT
Ph.D Researcher in Advanced Engineering Materials; Ms.C in Advanced Engineering Materials & Sustainable construction
Ms.C in Engineering Land Transportation ;
Bs-C. in Civil Engineering.
International Projects Experience (Europe & Middle East)

COMPANY OVERVIEW



HIGHLIGHTED TECHNOLOGY ACTIONS AND PUBLICATIONS

ECOCASTULUM TAKES PART IN THE FOLLOWING ACTIONS



Funded by
the European Union

Interdisciplinary Approaches on Ecological Justice
MSCA-SE-2021 – 101086202



45 Photonics for International
Markets and Applications
for Sustainability



Co-funded by
the European Union



EUROPEAN CLUSTER
COLLABORATION PLATFORM

CHRIIPL



Europa
invierte en las zonas rurales



UNIÓN EUROPEA
Fondo Europeo Agrícola de Desarrollo Rural



Dr. Francisco A. Corpas Iglesias has published more than 80 scientific articles related to materials engineering and circular economy, 51 papers presented in International and National Congress, 32 papers in congress, seminars and courses, 8 book chapters, and 55 research Projects.

Dr. Francisco A. Corpas Iglesias also possesses 2 patents.

[Links to Scientific Publications](#)

[Links to Patents](#)

COMPANY OVERVIEW



OUR MEMBERSHIPS



AdapteCCa.es



- [ISMC](#) Iberian Sustainability Mining Cluster
- [AdapteCCa](#)
- [E-Cost](#)
- [ELCA](#) European Lightweight Cluster Alliance
- [Erasmus+](#)
- [AMULET](#) Advanced Materials and Manufacturing Technologies United for Lightweight
- [EC Funding & Tender Opportunities](#)
- [Materplat](#) Plataforma Tecnológica Española de Materiales Avanzados y Nanomateriales

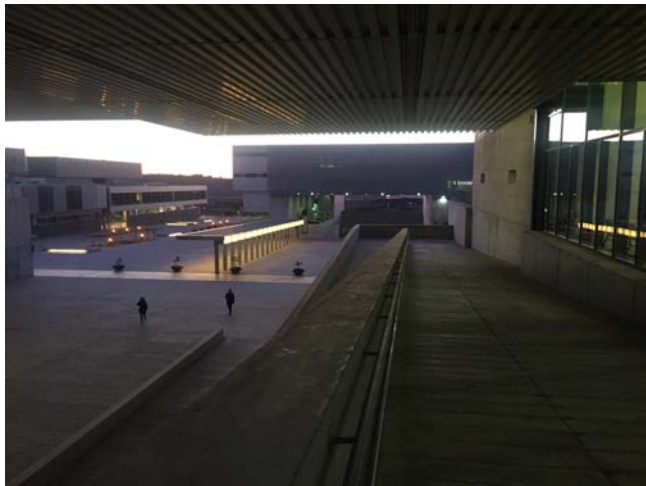
OUR ALLIANCES

EcoCastulum is an associate member of the Cluster for Sustainable Mining and Associated Services of the Iberian Peninsula (ISMIC), which brings together more than 60 companies and organizations, and approximately 1,900 employees from the mining sector and its associated services.

The cluster aims to join forces and attract relevant actors from the mining value chain from all over the national territory to promote sustainability and circularity while fostering growth.



CONTACT US



[Campus Científico-Tecnológico de Linares](#)

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