



Welcome to CO₂ Value Europe

7th CO₂ Value Days & General Assembly

Laurent Aubouy

Leitat – Key Figures



Established in
1906



50 M€
Turnover



+500
Industrial
Projects



+ 2.100
Customers



+550
Employees



Spanish RTO by return in
H2020 programme



11 Working Sites
7000 m² of laboratories



29 Horizon Europe Projects
126 H2020 Projects
26 H2020 Coordinated Projects
+1000 Partners
+50 Countries



5 Interconnected Department

Leitat operates under a collaborative model which connects teams, projects and clients, thus delivering comprehensive solutions to our clients.



HEALTH & BIOMEDICINE

Oncology, antibodies, skin health & cosmetics, metabolomics & bioanalytics, food&health, Nervous system, regenerative medicine, biosensors.



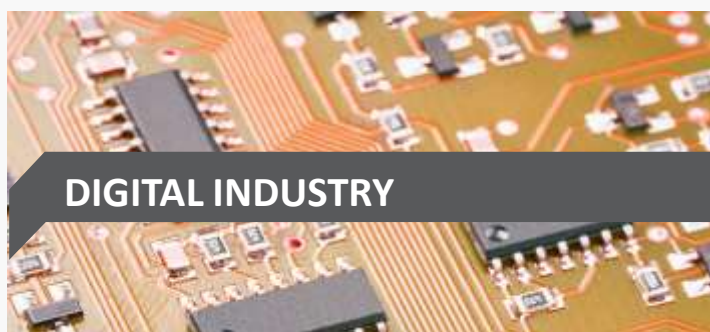
CIRCULAR ECONOMY & DECARBONIZATION

Sustainability, biotechnology, novel bioresources, human environmental health and safety, environmental technologies, Batteries, Solar cells & Hydrogen.



ADVANCED TECHNOLOGY SERVICES

- Materials Certification
- Fire behaviour
- Microscopy and Colorimetry
- Physical and Mechanical properties
- Materials aging



DIGITAL INDUSTRY

IoT, 5G, robotics and automation, additive manufacturing, Photonics.

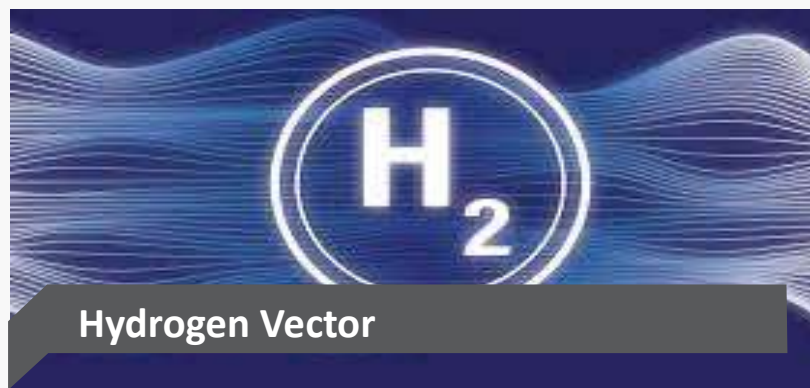


APPLIED CHEMISTRY & MATERIALS

Advanced materials, Home and personal care, Tribology and metals processing, materials chemistry.

Leitat in the CO₂ Value

Leitat works in several technologies dealing with the reduction of CO₂ emission and the valorisation in new products



Hydrogen Vector

Photo, Electro and Bio electrolysis
Purification with new membranes
Hydrogen storage: LOHC/MOFs and Hydrogen permeation



Recycling Technologies

Polymer Recycling : Chemical and Mechanical
CRM valorisation
Organic recycling : Chemical, Bio, Insect (Proteins)



CCU Technologies

CO₂ Capture: MOF, NF y DAC
Bio/Electro-conversion of CO₂ in building blocks and CH₄
CO₂ Photoreduction for energy (CH₄ + H₂)



Assessments

LCC, LCA, s-LCA
Energy Efficiency Studies
Eco and Safe by design

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