

GROUP Connect-EU

Sustainable catalysis

Sector

Chemical

Contact details of the group

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Areas of action

_ The Sustainable Catalysis group focuses on a research area that is of vital importance to the chemical industry: the design of catalytic reactions and processes that are sustainable, have a minimum impact on the environment and are based on the rational and sustainable use of natural resources. The research is oriented at obtaining high performance products and materials to improve people's health and quality of life.

Goals

1_ To create and consolidate a specific work group that includes all of Catalonia's relevant research agents in the area of catalytic reactions and processes: universities, research centers, technological centers and companies.

2_ To effectively disseminate the information about opportunities to take part in European R&D+i funding calls in our field of research.

3_ To contribute to defining Catalonia's R&D+i strategy in the field of chemical reactions and processes.

4_ To defend and promote the Group's R&D+i interests with regard to the European Union research policies.

Strategy

_ To promote collaborations and synergies between the chemical industry and the research agents in the area of catalytic reactions and processes at the European level.

_ To act coordinately with the European Technology Platform for Sustainable Chemistry (SusChem).

_ To undertake and surpass the following key challenges for obtaining sustainable chemical processes:

- To make a rational use of raw material.

- To maximize the use of renewable raw materials.

- To reach a high selectivity on the processes.

- To minimize waste and energy consumption.

Members of the group

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Other collaborating organisations/businesses

_ Catalan Chemical Industry Federation (FEDEQUIM)

_ Chemical Business Association of Tarragona (AEQT)

_ Chambers of commerce of Reus and Tarragona.

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