OVERCOMING THE LIMITS OF CURRENT ORGANOSILICEOUS SOLIDS, BOTH IMPROVING FLEXIBILITY AND VERSATILITY, AND REDUCING COSTS OF THE OBTAINED CATALYSTS.

OBJECTIVES

- To develop hierarchically-porous organic-inorganic hybrid materials
- To apply these materials in multi-step catalytic processes and asymmetric synthesis
- To validate these materials in two industrial applications

APPLICATIONS

- SPECIALTY CHEMICALS
- PHARMACEUTICALS

IMPACTS

- To reduce the carbon-footprint and eco-toxicity of chemical processes
- To increase conversion and selectivity of chemical processes
- To maximise productivity of chemical processes
- To increase the competitiveness of the industry while boosting innovation and green chemistry

MULTI2HYCAT CONSORTIUM

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