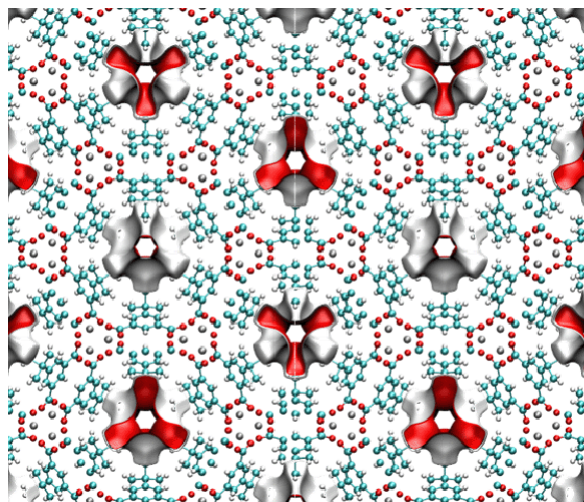


Enhancing Separation Efficiency in European Syngas Industry by using Zeolites (ZEOSEP)



Resumen:

The project is funded by the European Research Council as a Proof of Concept (PoC).

The Proof of Concept that we propose is the development of a zeolite-based separation process to obtain carbon dioxide-neutral fuels and chemicals. The process that we plan to design is based on gas uptake and release, combining separation efficiency with low separation costs.

Objetivos:

This proof of concept (PoC), hosted by UPO, aims to explore the commercial potential of the research knowledge and results developed within the previous ERC-RASPA project (ERC-StG).

Objetivos contribución:

The specific objectives are:

- Technical test and process validation
- Competitive analysis
- Development of a business case
- Analysis of intellectual property
- Commercialization

Entregables:

The project comprises on the one hand the technical tests and process validation and on the other hand the competitive analysis, business plan and commercialization.

Impacto:

This project will contribute to enhance current existing technologies and new disruptive procedures, that would imply different benefits at an economic, environmental, social and research level.

Presupuesto: 150,000.00

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Estado: published

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