KNOW-HOW IN CARBON MATERIALS AND ENVIRONMENT

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RESUMEN

The Carbon Materials and Environment research team has a deep know-how and expertise in carbon materials and its relation to environment. Carbon materials, porous materials, zeolites, catalysis and other research fields are mastered by this research team. More than 185 research projects have been carried out regarding this areas. Projects already developed are both for industry and for other research institutions. Their know-how and expertise is offered to companies interested in developing projects related to the above stated areas.

VENTAJAS Y ASPECTOS INNOVADORES

The research team has a strong expertise in preparation of porous materials such as porous carbons, zeolites and mesostructured solids and supported catalysts and, specially, in their characterization using a wide range of techniques, from conventional ones such as gas adsorption and thermal analysis techniques, to small angle scattering or diffraction. Because of the deep know how and expertise achieved, high level performance of this activities is offered.

APLICACIONES DE LA OFERTA

- Carbon materials.
- Catalysts. Synthesis and design of catalysts. Testing of designed systems. Customizing and improvement.
- Environment, emission reductions, particles, filters, etc.
- Energy.

COLABORACIÓN BUSCADA

The Carbon Materials and Environment group is interested in transferring its knowledge and know-how.

The partners sought are industries with interest in developing projects regarding the areas of expertise stated below.

The cooperation possibilities sought are:

- Technical cooperation: To adapt a technology for a new application or to develop a technology to meet new market needs. Co-development of products and other technological partnerships in order to meet customer's needs.
- Technical assistances: Testings, trainings, works to ensure effective start-up of projects.
- Technical consultancies, technical trainings and advice on the use of new processes are also offered.
- Licensing Agreements of the patents granted by the Research Team.

- Financial resources to set up research projects related to the fileds of expertise stated.