

Innovative graphene applications

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Abstract

Our approach in the identification of potential innovative graphene applications starts from a societal point of view, by identifying current needs in a wide-range of fields, such as energy, health, industry, construction, etc.

Our sound technological knowledge enables us to identify problems and applications for this new material, which can greatly benefit society.

Once identified, thanks to our state-of-the art laboratories, our objective is to develop prototypes which can solve the identified problems. Finally, a feasible solution is designed and transferred to industry.

Here we present some examples of our R+D activities, which are focused on the following industrial applications of graphene:

- WATER DESALINATION
- ENERGY STORAGE
- PRINTED ELECTRONICS
- THERMAL MANAGEMENT OF ELECTRONICS
- SENSING FUNCTIONALITIES IN COMPOSITE STRUCTURES