New NUCLIS- ACCIO project at ICFO

ICFO is granted funding for an industrial collaboration with COMSA EMTE and Ecopol Tech.

July 20, 2014

NUCLIS is a call by ACCIO, the agency for Business Competitivity of the Generalitat de Catalunya (Government of Catalonia), that gives support to industrial research and experimental development projects carried out by one entity or by groups of companies that are either representing the same value chain, the same business or that operate within the same field of technology.

In the most recent call, ICFO has obtained funding for the project entitled i¿½NanoPr : nanostructured barrier coating for protecting and prolonging the life of transparent organ c photovoltaic cellsi¿½ (NanoPro: recubrimiento barrera nanoestructurado para la protecci n y prolongacion de la vida util de celulas fotovoltaicas organicas transparentes). The projec is coordinated by the Organic Nanostructured Photovoltaics research group led by UPC Prof at ICFO Jordi Martorell ICFO, in collaboration with the companies COMSA EMTE and Ec pol Tech.

The objective of this project is to develop a coating for applications in organic photovoltaic cells that that could have a barrier effect to protect these from air (oxygen, carbon dioxide), water vapor, water and abrasive vapors (mainly acids), as well as have a good adhesion to the surface and not affect them chemically.