

Name SURNAME: Francesc Xavier MUÑOZ		 <p style="text-align: center;">Photo</p>
Function:	COORDINATOR	
Institution:	INSTITUTE OF MICROELECTRONICS OF BARCELONA (IMB-CNM-CSIC) <input type="checkbox"/> Funding Agency <input type="checkbox"/> Programme Manager	
Email:	Francescxavier.munoz@imb-cnm.csic.es	
Phone:	+34-628014061	
Division	Research & Development	
Areas of Expertise:		
Microsensors, Biosensors, Microfluidics, Smart Monitoring, Microelectronics,		
Short Description of your Institution:		
<p>Over the years, the research activity of IMB-CNM in technologies, devices and integrated circuits based on the traditional Micro and Nanoelectronics (More Moore), has evolved into the fields of sensors, actuators, Microelectromechanical systems (MEMS), microsystems and their integration as part of new electronic circuits and Smart systems to give them a greater functionality (More than Moore).</p> <p>Micro and nanoelectronics technologies are of horizontal nature, which allows their application to most industrial sectors. However, IMB-CNM has specialized mainly in their application in areas of great interest for both the domestic and international industrial sectors, such as energy and mobility, health and environment (including food).</p> <p>IMB-CNM is located in Bellaterra (Cerdanyola del Vallès), on the Campus of the Autonomous University of Barcelona (UAB), which is a privileged environment for both basic and applied/industrial research. It is a member of the Barcelona Nanotechnology Cluster-Bellaterra. The IMB-CNM as part of CSIC is also a member of the UAB Research Parc (Parc de Recerca de la UAB, PRUAB).</p> <p>IMB-CNM also participates in Spanish and International Technology Platforms and Networks of Excellence and has established collaborative agreements with various universities and research centres, to which it offers not only cooperation in their R&D activities but also access to the technologies available in the "Integrated Micro and Nanofabrication Clean Room". This infrastructure has been recognized by the Ministry of Economy and Competitiveness with the National label of large-scale infrastructure (Instalación Científica y Tecnológica Singular - ICTS).</p>		
Role in the project:		
Coordination and developers of chemical and microbial sensing platforms to be integrated into the smart monitoring system.		

Bellaterra, 21 March 2017