



Communication on partners' actions

Name and postal address of your institute	Plymouth Marine Laboratory Prospect Place, The Hoe, Plymouth PL1 3DH.
Contact Full name : Role in your institute :	Dr. Victor Martinez Vicente Bio-optical oceanographer
Simple text to define your institute's work and missions	<p>PML provides capability for observing, modelling, understanding and forecasting marine ecosystems, to underpin evidence-based environmental solutions to societal challenges. PML do so by applying world-leading, integrated, scientific understanding, focused on the interactions between the marine environment and society, in estuarine, coastal and shelf waters, as well as the upper layers of the global ocean.</p> <p>PML's long term objective is the sustainability of the marine ecosystem as climate regulator; a source of food, water, renewable energy, and livelihoods; and a contributor to human health and prosperous human societies.</p>
Simple text to identify the link of your work with the ISECA project	I collect in-situ optical data within ISECA to validate ocean colour images that can be used to identify and monitor eutrophication in coastal waters.
Simple text to define main topics you are working on and which are interesting for other scientists	Within ISECA I maintain the bio-optical time series at a coastal station. These data are available for algorithm testing and development. I also collate in-situ datasets of the Mer2Seas region to validate algorithms that detect eutrophication from satellite ocean colour images.
Simple text to define topics you are working on and which are interesting for the public at large	I carry out research on marine optics, focusing on the relationships between optical properties of organisms and particles and their abundance and composition. I study oceanic and coastal waters with a view to obtain high quality in-situ datasets that will be used to parameterize and validate satellite images of the colour of the sea. Satellite images developed in this way help with the monitoring of the changes in the environment regionally and globally.
Which are the events you organize or in which you participate? (please precise their name and dates)	Ocean Optics conference, Glasgow, 8 – 12 October 2012 (participate)