

MyOcean : towards a European Marine Core Service

MyOcean Board

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GMES (Global Monitoring for Environment and Security) is a European initiative for the implementation of operational Earth monitoring information Services. The GMES Service information, mainly derived from Earth observation data, should in particular support Earth environment management and security issues.

MyOcean is the European project devoted to the implementation of the GMES Marine Core Service for the 2009-2012 period. It is co-funded by the European Union through the 7th Framework Programme for Research and Development.

MyOcean goal is to deliver regular and systematic reference information (processed data, elaborated products) on the state of the oceans and regional seas at the resolution required by intermediate users and downstream service providers, of known quality and accuracy, for the global and European regional seas.

MyOcean information enables to describe to the physical state of the ocean and its primary ecosystem through hindcasts, nowcasts and forecasts. It also contribute to the climate research by providing time series of analysed parameters.

MyOcean involves about 61 partners from 29 European countries contributing to 12 observation assembly and monitoring/forecasting centres, as well as research and user assessment activities.

MyOcean prefigures the future GMES Marine Core Service which should be implemented by 2012.