

**Preparatory Actions for European Marine Observation and Data
Network**

**EIGHTH PROGRESS REPORT
FOR THE PERIOD
OCTOBER 2010-JANUARY 2011**

**Service Contract No. "MARE/2008/03 - Lot 3 Chemistry –
SI2.531432"**

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INTRODUCTION

This report gives an overview of the activities undertaken during two months of the project (4th of December 2010 – 3rd of February 2011). For continuity with the previous report we summarise also the activities undertaken during the previous two months of the project (4th of October 2010 – 3rd of December 2010), when the second interim report has been produced.

This period was very active, mainly focused to the definition and development of the new data products as suggested during the EMODNET Chemical Data Products Experts workshop, held in Venice the 20th – 21st of September 2010. In fact, as general conclusion we were asked to:

- produce a summary with the availability of chemical parameters groups maps sea per regions (with information from CDI metadata);
- produce interpolated maps for parameters measured on a basin scale (mainly nutrients and organic matter, oxygen, possibly heavy metals but after checking the data distribution);
- produce time series for coastal points repeated in time. These plots are new for SeaDataNet community and need to be properly defined.

In parallel, data collection continued for all partners. In particular, additional chemical data of the Black Sea were prepared and released by IMS-METU and UkrSCES. The Turkish and Ukrainian institute were included as an associated partners to EMODNET Chemistry partnership.

Moreover, we organised the sixth coordination group meeting as a video conference the 15th of November 2011. Main topics discussed were linked to the incoming EU meeting in Brussels (29/11/2010):

- Progress on data harvesting and product generation (HCMR, NERI, MHI)
- Progress on technical development (GHER and MARIS)
- Finalizing discussion on the representation of station maps with points linked to time series plots, checking possibilities suggested by IFREMER and HCMR
- Two short questionnaires specifically on discovering, ordering and using data from the project and on the products derived from the data were developed by BODC and are available on line (<http://www.emodnet-chemistry.eu/portal/portal/emodnet/Feedback>).

The results obtained in this third semester of the project, corresponding to the 'Development phase' , including the summary of data collected in the three regions, the demonstration of the Chemical portal, the overview of all available products and functionalities, the description of the difficulties encountered mainly linked to the complexity of the measurements related to different environments and to the heterogeneity of the sampling, has been presented to the third six-monthly progress meeting for ur-EMODNET preparatory actions, held in Brussels the 24th of November 2010.