

ARGO National Report 2013 – The Netherlands

1) Status of implementation

The Dutch Argo program, run by the Royal Netherlands Meteorological Institute (KNMI), started with three deployed floats in 2004. Since then 55 floats have been purchased and deployed, 33 of which are still working correctly.

KNMI is involved in EuroArgo and has decided to join a European Argo consortium that will probably be founded in 2013.

2) Present level of (and future prospects for) national funding for Argo including summary of human resources devoted to Argo.

In their observation strategy adopted in 2006 KNMI has expressed the intention to deploy about 7 floats per year, a level that has approximately been reached during the past years. A semi-permanent fixed budget is available.

One person (Andreas Sterl) is working on ARGO. He does so besides his other duties.

3) Summary of deployment plans (level of commitment, areas of float deployment) and for other commitments to Argo for the coming year (and beyond where possible).

About 7 floats will be purchased. Deployment is not yet planned, but preferably in the Atlantic Ocean.

4) Summary of national research and operational uses of Argo data

In the framework of CMIP5 KNMI performed decadal prediction runs with their EC-Earth climate model. The ocean initialization is taken from an ECMWF product (NEMOvar) that heavily relies on Argo data.

Building on these decadal prediction runs KNMI will, within the EU-funded E-AIMS project, perform sensitivity experiments to find ocean regions where initialization is particularly important for decadal predictions.

5) Issues that your country wishes to be considered (and resolved) by AST regarding the international operation of Argo

Nothing.

6) CTD data uploaded to CCHDO

Yes.

7) Bibliography

