

ARGO National Report 2016 – The Netherlands

1) Status of implementation

The Dutch Argo program started in 2004 and is run by the Royal Netherlands Meteorological Institute (KNMI).

The Netherlands are a founding member of the Euro Argo ERIC.

Contribution to the Argo array:

- 69 floats have been purchased and deployed
- 12 are working

Floats purchased between 2009 and 2012 suffered from the APEX battery leakage problem and died prematurely.

No floats have been purchased in 2015. Purchases planned for 2015 and 2016 will go through the Euro Argo ERIC to complement external funding. The corresponding floats will be delivered in 2016.

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). 14 (= planned amounts of 2015 and 2016 together) floats will be purchased through the Euro Argo ERIC to complement external funding. Deployment is not yet planned, but preferably in the Atlantic Ocean.

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

Argo data and/or products derived from Argo data are used to initialize climate models by groups at KNMI and Utrecht University.

Process studies using Argo data are performed at the Netherlands Institute for Sea Research (NIOZ).

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

Aguiar-González B., Ponsoni L., Ridderinkhof H., van Aken H. M., de Ruijter W. P. M., Maas L. R. M.: Seasonal variation of the South Indian tropical gyre. Deep-Sea Research Part I, Under Revision; 2015

