

ARGO National Report 2023 – 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:

- 112 floats have been purchased since 2004
- 35 are working
- 7 are ordered for 2023 and will be deployed later this year

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. However, the actual number of floats purchased varied a lot during the past years.

Presently, the Netherlands only contributes to the core mission.

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

3) Summary of deployment plans.

Eight floats will be deployed in the southern Atlantic Ocean later this year.

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

No.

7) Bibliography

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8) COVID-19 impact

Backlog cleared.

9) RBR sensors

Four floats with RBR CTDs have been deployed in the Caribbean Sea in 2022 alongside four French floats equipped with a SBE sensor. Results are positive. Floats ordered for 2023 will have RBR sensors, too.