MAIA was a research project within the Fifth Framework Programme of the European Commission. It was part of the Energy, Environment and Sustainable Development programme and it ran from January 2000 until December 2002. The project was co-ordinated by SINTEF Fisheries and Aquaculture, Trondheim, Norway and the British Oceanographic Data Centre provided data management.

The main objective of MAIA was the development of an inexpensive, reliable system for monitoring the inflow of Atlantic water, based on coastal sea-level data.

MAIA was roughly divided into 3 phases:
1. The analysis of historical data to develop useful algorithms.
2. A validation experiment.
3. An analysis to test and refine the algorithms and to recommend measures for improvements.

The MAIA CD-ROM was assembled at BODC and contains data collected during the MAIA validation experiment (May 2000 – November 2001). It also includes all or the public deliverables from MAIA.

The MAIA Data Set

The MAIA moored instrument data set consists of 69 individual time series from current meters, ADCP, bottom pressure recorders and inverted echo sounders.

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The MAIA Reports

The following MAIA reports are included on the CD-ROM:

WP3: MAIA Analysis of Historical Data
WP4: The Norwegian Atlantic Current in the Lofoten Basin: External influences
WP5: Sea Ice sensitivity to warm ocean currents through the Barents Sea
WP6: Dedicated validation study
WP7: Validation and recommendations

List of MAIA Partners

Fisheries Research Services Marine Laboratory, Aberdeen, UK
Institute of Marine Research, Bergen, Norway
Laboratoire d’Oceanographie Dynamique et de Climatologie, Universite Pierre et Marie Curie, Paris, France
Proudman Oceanographic Laboratory, Merseyside, UK
SINTEF Fisheries and Aquaculture, Trondheim, Norway
Swedish Meteorological and Hydrological Institute, Norrköping/Gothenburg, Sweden

MAIA Subcontractors

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British Oceanographic Data Centre, Merseyside, UK
Faroese Fisheries Laboratory, Torshavn, Faroes

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