Project Number [1]	603521	Project Acronym [2]	PREFACE

List and Schedule of Milestones

Milestone number [59]	Milestone name	WP number [53]	Lead benefi-ciary number	Delivery date from Annex I [60]	Comments
MS1	Consortium agreement	WP1	1	1	Consortium agreement signed
MS2	Meeting on FP7 cooperation	WP1	1	3	Conference call to determine the level of cooperation between PREFACE and other projects funded to work in the region.
MS3	Decision on second summer school	WP2	1	18	Contact Bergen Research Summer School about potentially organising a second summer school in 2017 on a PREFACE related theme
MS4	PREFACE PIRATA buoy installation	WP3	4	12	The PREFACE PIRATA buoy measuring meteorological and oceanographic parameters will be installed at 6°S, 8°E. Real-time data availability will be set up through PIRATA web interfaces.
MS5	1st year-Glider/ Turbulence measurements along southeastern boundary	WP3	7	12	Hydrographic and microstructure measurements will have been performed of southwest Africa to fill data gaps for seasonal mixed layer heat and freshwater flux estimates.
MS6	2nd year maintenance of the PREFACE PIRATA buoy	WP3	4	24	The PREFACE PIRATA buoy will be recovered and redeployed. High resolution data from the meteorological and oceanographic sensors from the 1st year will be available through PIRATA web interface.
MS7	2nd year-Glider/ Turbulence measurements along southeastern boundary	WP3	7	24	2nd year hydrographic and microstructure measurements will have been performed of southwest Africa to contribute to estimates of interannual variability

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					of mixed layer heat and freshwater fluxes.
MS8	3rd year maintenance of the PREFACE PIRATA buoy	WP3	4	36	The PREFACE PIRATA buoy will be recovered and redeployed. High resolution data from the 2nd year will be available through PIRATA web interface.
MS9	3rd year-Glider/ Turbulence measurements along southeastern boundary	WP3	7	36	3rd year hydrographic and microstructure measurements will have been performed of southwest Africa to contribute to estimates of interannual variability of mixed layer heat and freshwater fluxes.
MS10	Mooring_1 0N 0E	WP4	4	12	Install equatorial subsurface mooring at 0E, report
MS11	Mooring 20S Shelf	WP4	8	12	Install mooring on the shelf at 20S, report
MS12	Cruise 2014	WP4	7	12	Perform first PREFACE southeastern boundary current cruise 2014, report
MS13	Mooring_2 0N 0E	WP4	4	24	Redeploy equatorial subsurface mooring at 0E, report
MS14	Cruise 2015	WP4	7	24	Perform second PREFACE southeastern boundary current cruise 2015, report
MS15	Mooring_3 0N 0E	WP4	4	36	Redeploy equatorial subsurface mooring at 0°, report
MS16	Cruise 2016	WP4	7	36	Perform third PREFACE southeastern boundary current cruise 2016, report
MS17	Annual WP5 meeting	WP5	6	6	Annual meeting with other CT2 partners to establish best practices for model/observations comparison, compare different model skills, and infer strategies to improve forced models. Months 6, 18, 30

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MS18	Forced models reference experiments	WP5	8	12	Coordinate and produce interannual simulations of different models with yearly updated realistic atmospheric forcing. Month 12, 24, and 36.
MS19	Forced models test experiments	WP5	4	24	Conduct the necessary process study experiments to interpret WP3/4 observational and model analyses and evaluate the relative role of different tested processes
MS20	Agreement on common methodology for initial drift analysis	WP6	3	1	Meeting to discuss diagnostics and analysis strategies to employ for analysing bias development (Task6.1); Document listing the agreed upon diagnostic model output to provide/analyse.
MS21	Results from initial-drift analysis	WP6, WP7	14	12	Workshop on bias development from existing s2d integrations, and for the design of common experiments, flux-correction and decoupling strategies. Minutes of meeting made available on the internal webs
MS22	Coordinated experiments	WP6	7	30	Task 6.2 coordinated experiments performed and shared with Tasks 7.1 and 8.3. Data and results made available to all CT3 and WP11 partners, data
MS23	Targeted sensitivty experiments	WP6	2	42	Task 6.3: shared document with short description of experiments under Tasks 6.3 by all participating groups, and first results, report
MS24	Model bias-correction methods	WP6, WP7, WP8	12	24	One-day workshop to discuss WP6 recommendations, and to determine model modifications for bias-correction

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					experiments in Task 7.2. Minutes will be kept.
MS25	Basic set of bias-correction experiments	WP7	27	34	Completion of a basic, coordinated set of bias-correction experiments. Output data made available to all project participants.
MS26	Remote biases in existing simulations, and proposed sensitivity experiments	WP8	27	12	Report on the analysis of CMIP5 simulations. List of major biases, together with possible decadal modulations.
MS27	Results from sensitivity experiments	WP8	12	42	Analysis of sensitivity tests and smiulations and list of conclusions. Data from sensitivity experiments made available.
MS28	Seasonal to interannual TAV meeting	WP5, WP7, WP8, WP9, WP12	20	30	Meeting to discuss the mechanisms of seasonal to interannual variability among CT2, CT4, CT3
MS29	WP9 experiments completed	WP9	16	30	Conclusion of all the WP9 set of experiments
MS30	Existing s2d prediction data retrieved	WP6, WP10	11	6	Retrieval of selected experiments from existing datasets (e.g. CMIP5 decadal hindcasts, EUROSIP and SPECS seasonal predictions, ENSEMBLES, DEMETER) and preliminary assessment of simulated spatial-temp
MS31	Existing statistical tool adapted	WP10	11	6	An existing statistical tool will be adapted to predict SST anomalies in remote regions due to Atlantic remote influence
MS32	Initial analysis of skill meeting	WP10, WP11	11	19	SKYPE meeting to discuss initial analysis of skill of existing predictions/projections with WP11, meeting
MS33	Bayesian hierarchical model	WP10	11	24	Development of the Bayesian hierarchical model for describing space-time error dependences; Full-assessment

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					of space-time error dependences based on the Bayesian hierarchical approach, model
MS34	Bayesian regression model	WP10	11	36	Development of the Bayesian regression model for optimal combination of ensemble forecasts and recalibration, model
MS35	New climate prediction experiments	WP11	15	42	New climate prediction experiments to assess improvements for the tropical Atlantic in terms of forecast quality
MS36	limate projections with new parameterizations and flux correction	WP11	1	42	Updated climate projections for the rest of the XXI Century.
MS37	EAF data extracted	WP12	13	12	Extraction and collation of data subsets relevant to the analyses from EAF-Nansen database, report
MS38	Meso and bathypelagic records	WP12	9	12	Completion of database on historical meso and bathypelagic records from tropical and sub-tropical Atlantic Ocean, data
MS39	Final methodology and data analysis	WP12	4	24	Analysis of time-series of Sardinella spp. and Trachurus spp. by length classes 1994-2014, based on distribution maps and geostatistical structural analysis, report
MS40	Tagging survey	WP12	9	30	Completion of field phase in tagging experiments, report
MS41	Bioclimatic modeling meso- and bathyplegaic food web	WP12	9	36	Completion of field phase meso- and bathyplegaic food web components and bioclimatic modelling, link with MS38, report
MS42	Bioclimatic modeling on tuna	WP12	9	48	Bioclimatic modeling tuna tagging experiments and prey field dynamics in combination with biotic and abiotic data of their habitat according to

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					scenarios under WP10 and WP11, Synthesis, link MS40 & 41
MS43	Spatio-temporal distribution of fish and zooplankton	WP12	4	36	Acoustic and trawl sampling database analysis for macrozooplakton and small pelagic fish
MS44	Coastal waveguide and pelagic fish distribution	WP12	13	36	Analysis of impacts of El-Niño-like events on distribution of pelagic fish; based on acoustic-survey data, satellite imagery and process studies [Link with WP4 and MS39], report
MS45	Pelagic fish and prey field dynamics in their habitat	WP12	4	48	Synthesis pelagic fish and prey field dynamics in combination with abiotic and biotic data of their habitat [link with CT2 and MS42], report
MS46	Mid-term progress workshops	WP12, WP13, WP14	13	6	Workshops scheduled at months 6,18,30,42, mainly to coordinate analysis of EAF Nansen data in WP12, WP13
MS47	Development of generic model framework	WP13	10	12	Based on a literature review and own data a generic model framework for ecological-economic models will be developed
MS48	Definition of data needs	WP13	10	12	Necessary biological and environmental data to parameterize the generic models for key species, provided from other work packages will be defined
MS49	Collection of data	WP13	10	20	The data for key species will be collected and collated in a data base
MS50	Model development	WP13	23	24	Species specific environmentally sensitive ecological-economic models for key commercial species will be developed
MS51	Questionnaire development	WP13	10	24	Field surveys and economic experiments to assess how fishermen and -women perceive risks and

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					how they cope with them will be developed
MS52	Surveys conducted	WP13	10	36	The surveys performed in different countries will be collated in one database
MS53	Data management	WP14	1	3	Data management in full operation
MS54	EAF data inventory	WP14	13	3	Create an inventory of EAF Nansen surveys off West Africa