

Wadden Sea Board

**WSB 18
3 November 2016
Wilhelmshaven**



Agenda Item: 5.4
Subject: TG-C Progress Report
Document No. WSB 18/5.4/1
Date: 12 October 2016
Submitted by: TG-C

Attached is the progress report of the Task Group Climate (TG-C)

Proposal: The meeting is invited to note the information and to endorse the approach proposed by TG-C

TASK GROUP CLIMATE

Progress Report to WSB18

The TG-C 15 meeting was held 7-8 September 2016 under the chairmanship of Mr Willem Kattenberg (Ministry of Infrastructure and Environment, NL)

The following issues were addressed:

1. Implementation report trilateral Climate Change Adaptation Strategy (CCAS).
TG-C agreed upon a format and outline of this report, as well as a time schedule for the drafting of the report and its sub-sections, in time for the preparation of the Trilateral Conference in 2018. The time schedule for drafting the report is in **Annex 1**.
2. Climate Change Adaptation information platform.
An internet-based open access information platform, linked to the CWSS website, has been established and is currently being tested. The platform will be filled with meta information on climate change adaptation best practices, projects, policies and experiences and will serve the TG-C members to draft the different sections of the CCAS report, as scheduled above.
3. Workshop
TG-C plans the organisation of a workshop at which a broad range of climate change adaptation cases will be discussed by experts and managers involved in nature conservation and coastal risk management. The aim of the workshop is to provide input to the CCAS report (see #1 above). The workshop is planned for April/May 2017.
4. Studies
4.1 Modelling. Within the framework of the trilateral cooperation work has been done in the past period on hydro-morphodynamic modelling, especially on the potential responses of the Wadden Sea to (accelerated) sea level rise due to climate change ("Sediment Study"). In Germany a special project was carried out which has now been completed. In the Netherlands various programs including the Delta Program Wadden Area have worked on this topic. The reporting on this topic is contained in various documents and a general overview is missing. An overall consideration of the results obtained by the different countries is not yet available. TG-C proposes to prepare an overall review document of the hitherto conducted long-term morphodynamic modelling studies for the Wadden Sea with the overall objective to present and report a (state of the art) overview of long-term morphodynamic modelling in the Wadden Sea.

4.2 Ebb-tidal deltas. TG-C agreed to collect available knowledge with respect to system understanding of ebb-tidal deltas, both with regard to geomorphology and habitat function, demonstrating the importance of the ebb-tidal deltas for the Wadden Sea tidal systems. A first proposal for a trilateral desk study was discussed and will be further elaborated.

5. QSR2016

The QSR Thematic Chapter “Coastal Risk Management” is finalised. TG-C has furthermore provided comments to the chapters “Geomorphology”, “Climate” and “Climate-Ecology”.

6. Research agenda

TG-C discussed the status of preparation of the trilateral research agenda. TG-C will deliver comments to the sub-reports, in particular to the sub-report “Climate and Water”.

Annex 1. Time schedule drafting CCAS report

What	Who	When											
		2016			2017								
		Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sep
1. Collect, classify and submit information on Best Practice Policy and Management Monitoring and Assessment Communication and Education	All												
2. Prepare and submit drafts on implementation of													
2.1 Natural dynamics	Zijlstra/Hofstede/Wurpts												
2.2 Interconnectivity of habitats	Sobottka/Fröhlich												
2.3 Integration	Larsen/De Jong												
2.4 Flexibility	Kabuta/Zijlstra												
2.5 Long-term approach	Hofstede/Larsen												
2.6 Site-specific approach	De Jong/Fries/Wurpts												
2.7 Participatory approach	Vollmer/Fröhlich												
3. Discuss draft implementation docs	TG-C			X			X						
4. Prepare first full draft report	CWSS/TG-C								W				
5. Discuss first full draft report	TG-C									X			
6. Prepare final draft report	CWSS												
7. Discuss, amend and submit to WSB	TG-C/CWSS												X

X = TG-C meeting

W = Workshop