

### Waddenacademie founded in 2008

### Tasks:

- to identify gaps in cross-domain knowledge in order to assist in the sustainable development of the Wadden Sea Region;
- to promote a coherent research programme at regional, national land international level and;
- to promote information supply and knowledge exchange within and between research institutes, government, industry and social organisations.



## Reason for and establishment of the Waddenacademie:

- Final report by the Wadden Sea Policy Advisory Group (Meijer Committee, 2004), 'Ruimte voor de Wadden' [Room for the Wadden Sea Region]:
- Observation that in 2004, policymaking and governance of the Wadden Sea had reached an impasse.
- Recommendations included: enlarge and reinforce the natural features of the Wadden Sea; overhaul policy and governance; keep shellfishing and gas extraction within natural boundaries; improve knowledge management of the Wadden Sea Region.

   Date:
- Dutch government decided: to cease mechanical cockle fishing, controlled gas extraction, set up the Wadden Fund (800 million euros over 20 years) to support nature and the economy, and establish the Waddenacademie to support 'knowledge management' related to the Wadden Sea Region.



### Waddenacademie Network organization (NOT a research institute!)

### Board

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### **Boardmembers:**

Dr. Katja Philippart
Ecology
Dr. Hessel Speelman
Geology
Dr. Meindert Schroor
Cultural History
Prof.dr.ir. Pier Vellinga
Climate and Water
Prof.dr. Jouke van Dijk
(chair) Economics

Executive Secretary: Klaas Deen



### **Background Trilateral Research Agenda**

- The necessity for a Trilateral Research Agenda (TRA) for the Wadden Sea Region originates from the declarations from the Trilateral Government meetings 2010 and 2014, stating that:
- Sylt-declaration 2010, pkt. 41: "Support the establishment of a trilateral research platform directly connected with existing national networks. The platform will elaborate a trilateral agenda for policy-relevant research in consultation with the Board..."
- Tønder-declaration 2014 pkt. 63: "Encourage discussions by the scientific community and policy makers on the major policy issues and related knowledge as a basis for further developing a trilateral research agenda and a trilateral research platform."



# Priorities of the Dutch presidency of the Trilateral Wadden Sea Cooperation June 2015:

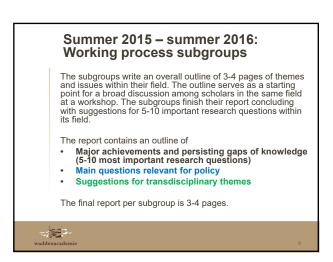
7. Scientific agenda for the Wadden Sea World Heritage Site: The Wadden Sea has long been a site of much and diverse scientific research. For good management of the World Heritage Site there are plenty of questions that will require common and better coordinated research.

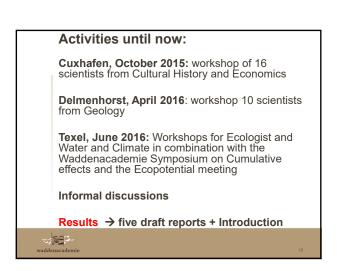
**Objective:** A coherent scientific agenda, relevant to the World Heritage Site which supports decision-making on current and future issues, captures the interest of young scientists and promotes scientific cooperation between institutions.

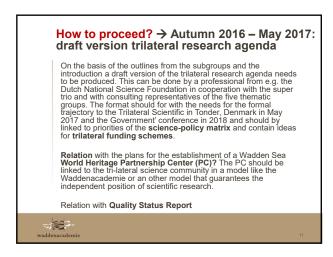


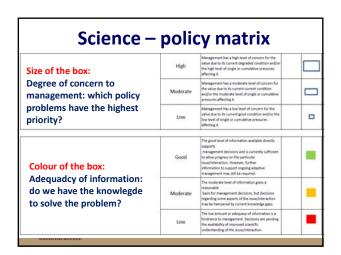
# Spring 2015: Start Trilateral supertrio installed by the Wadden Sea Board: Mette Guldberg (Denmark); Karsten Reise (Germany) Jouke van Dijk (Netherlands, chair) Support and coordination by CWSS (Folkert the Jong)











Science-Policy			Drivers						Pressures RESPONSE							
Matrix Impact indicators		Tourism	Costal Protection Activities	Fishing and Aquaculture	Agriculture	Mining	Energy Generation	Ports and Shipping	Out-migration	Invasive Allen Specie	Pollution	Nutrient loads	Olmate Change	Governance	STATUS	
GEOSCIENCE	Subsurface use and geoffulds						-									
	Longer term geomorphology							-								
	Shorter term morphodynamics	-														
ECOLOGY	Biodiversity - Reefbuilding Zoobenthos		-			-										
	Biodiversity - Diadromous Fish					-	-					-				
	Biodiversity - Breeding Birds		-	-		-		-				-				
	Habitats - Subtidal Sandbanks					-						-				
	Habitats - Salt Marshes								-		-					
	Habitats - Beaches & Dunes	-							_	-	-					
	Functions - Primary Productivity		-			-	-				-					
	Functions - Nursery North Sea Fish		-			-										
	Functions - Fuelling Station Migratory Birds					-						-				
DRY	Awareness/valuation															
CULTURAL HISTORY	Maintenance															
	(Re)use															
	Public access															
SOGO-ECONOMY	Employment		-	-												
	Income		-	-												
	Population		-	-												
	Liveability			-												
CUMATE/WATE	Longer term sealevel rise	-														
	Fresh waer availability												-			
Min.	Weather extremes						-	-								

