

Wadden Sea Forum 29<sup>th</sup> Meeting

## Sum up of the collaborative risk management workshops

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### Why are we back here?



1. Thank you for the fruitful collaboration!
2. Our lessons learned
3. Reflection on the results of the scenario development



source: <http://www.hortica.com/blog/put-customer-feedback-to-good-use/>

## What did we learn?

What matters for successful risk management in the trilateral WSR?

- Integration of different perceptions of risks
- Integration of different sectoral and societal interests
- Risk management is about shaping the future
- Openness to new alternative risk handling measures
- Exchanging experiences is important
- **Integrative risk management is more than a technical endeavour – it is a social and collaborative process**

In the context of the ENHANCE project we were able to

- give feedback to EU policy recommendations
- disseminate insights from our collaboration to the scientific community

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## Lessons learned and results

### 1. What kind of risks are known & and which risks are seen as burning issues in the region?

Risk perception and priorities for risk management activities

(Workshop I Rømø, 13-14.05.2014)

### 2. What are possible management approaches?

Distinguishing and analysing causes and consequences

(Workshop II Heide, 20-21.11.2014)

### 3. Which futures are possible?

Developing future risk scenarios and discussing the role of the WSF in future risk management activities

(Workshop III Ameland, 21-22.05.2015)



## Output of the 3rd workshop?

Last workshop on Ameland we discussed:

- Major risk-scenarios for the future of the Trilateral Wadden Sea
- The potential role and tasks of the WSF

**Scenarios for the Future of the Trilateral Wadden Sea**  
Proceedings of the Future Workshop in Ameland 21-22



**Scenario 2: Oil tanker crashes at offshore wind park Borkum Reef**

Scenario 2



**Scenario 3: Societal change - Be together in order to be individual**

Scenario 3



**What do you think about the scenarios?**

We kindly ask you for your opinion and comments on the developed scenarios presented above. Please answer the short questionnaire: [https://docs.google.com/forms/d/1B8.../viewform](#)

Q1: I need more information about this scenario to get an idea about future risks.

	Strongly disagree	Disagree	Neither nor	Agree	Strongly agree
S1: Severe storm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S2: Oil tanker accident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S3: Socio-demographic change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q2: Action has to be taken regarding this scenario as it is quite realistic and prevention is necessary.

	Strongly disagree	Disagree	Neither nor	Agree	Strongly agree
S1: Severe storm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S2: Oil tanker accident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S3: Socio-demographic change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q3: I or my sector are concerned and we have to play a role in taking action regarding this scenario.

	Strongly disagree	Disagree	Neither nor	Agree	Strongly agree
S1: Severe storm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S2: Oil tanker accident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S3: Socio-demographic change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q4: From my perspective, these risk management issues are most urgent and should be dealt with:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## What did you learn?



Source: steinbuch.wordpress.com



Source: [www.business2community.com/product-management/effective-ways-for-managing-risk-in-project-management](http://www.business2community.com/product-management/effective-ways-for-managing-risk-in-project-management)

## Scientific highlights: Presentations

- Geographic Society Bremen (2014) B. Gerkenmeier „Risiken und Unsicherheiten an der Wattenmeerküste – braucht es veränderte Managementformen? Das EU-Projekt ENHANCE am Institut für Küstenforschung (HZG)
- 33th Conference 'Geography of Seas and coasts' (2015) Hamburg: B. Gerkenmeier, B.M.W. Ratter, M. Vollmer: Multi-Risk, Multi-Scale und Multi-Stakeholder - Der Einsatz der Bow-tie Analyse im Risikomanagement an der trilateralen Wattenmeerküste
- 33th Conference 'Geography of Seas and coasts' (2015) Hamburg: M. Vollmer: Die Rolle des WSF als Stakeholder-Forum in der Küstenentwicklung
- 34th Conference 'Geography of Seas and coasts' (2016) Warnemünde, B: Gerkenmeier, P. González-Riancho, B. M.W. Ratter: Is the German North Sea coastal community resilient to storm surge risks? - An assessment of stakeholder perception
- Adaptation Futures 2016, 4th International Climate Change Adaptation Conference, Rotterdam, (2016) Birgit Gerkenmeier, Beate M.W. Ratter, Manfred Vollmer: A Multi-Sector-Partnership in transnational risk management – Challenges for the Wadden Sea Forum (Poster contribution)
- 'Littoral' (2014) Klaipeda: M. Vollmer Responsibilities and challenges of stakeholder involvement in coastal risk management
- 'Celtic Seas Partnership' (2015) Paris: M. Vollmer Risk management as task of Partnerships

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## Policy recommendations:

- Multi-risk areas can and should be dealt with on a cross-national level
- A MSP can facilitate the required social negotiation process
- A MSP can foster the acceptance and successful implementation of risk management measures embedded in the region

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