



# *Capacity building for FRM*

## **Goals (challenges) and demands**



*Investing in the future by working together for a sustainable and competitive region*



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**The Interreg IVB  
North Sea Region  
Programme**





# Goals (*challenges*)

- To protect contemporary values primarily against contemporary threats
- To prevent creation of new values in places where they cannot withstand future threats, for example the consequences of climate changes
- To make safety profitable
- To empower the citizens so they will be able to make wise decisions/investments
- To make sharing of knowledge and data simple, cheap and fast
- To get a reasonable distribution of costs between the stakeholders



# *Demands on education and research*

- Valid regional/local predictions for climate changes and good analysis of occurred floods (adapted to contemporary situation/values).
- Dedicated educations in FRM (“Master of FRM”?); including risk analysis, planning processes, protection methods and more. Needed competences, both for companies and authorities.
- Methods to communicate our knowledge, even to citizens outside the academic world – voters, buyers, owners, builders, decision makers... Examples: Targeted information, flood simulators, decision support, computer games.
- Providing arenas and methods which makes it easy to share knowledge, data, methods and questions. Common language and standards.



# *Demands on education and research*

- Methods for effective, user friendly, cost/benefit analysis for the community's planning processes. Dealing with short/long time economy, flood risk, culture, environment and so on (as the Flood Directive).
- Economic systems for a fair distribution of profits, risk and costs in the society.



# *Key factors*

- A bottom-up approach!  
Knowing citizens who demands safety, asks for facts, pays for sane solutions and votes for politicians who dares to take response for the future.
- Knowing and responsible decision makers, both political and business.

## **My question to you**

Do we - SAWA members, well educated, FRM knowing – reach and influence the actors above?

## **My answer**

I doubt!



***[www.sawa-project.eu](http://www.sawa-project.eu)***



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