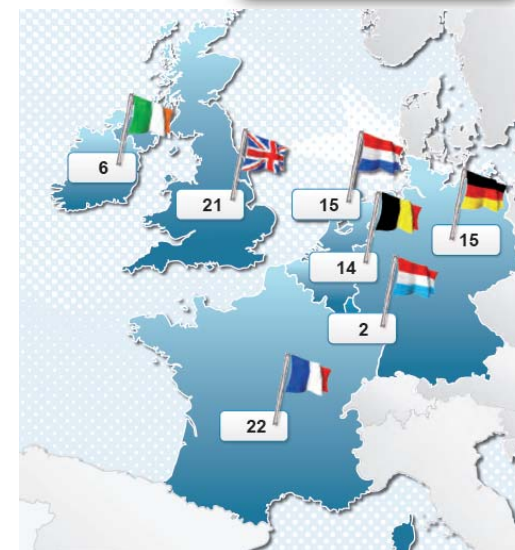


# Presentation of theme I:

## Adaptation requires co-ordination across sectors



Stephen Dury

– Somerset County Council, Great Britain

# Adaptation requires ...



I

... coordination across sectors

Ia

**Use adaptation to climate change to trigger coordination across sectors**

Ib

Strengthen the coordination between the water sector and spatial planning

Ic

Improve coordination between EU Directives to facilitate adaptation



la

# Use adaptation to climate change to trigger coordination across sectors



## Our experiences - background / deficits

- Adaptation to climate change concerns all sectors.
- Sector-specific responses prevail.
- Cross-sector solutions aren't sufficiently embedded in everyday practices.
- Different stakeholders often have divergent and conflicting values
- Opportunity to improve knowledge and to deepen cooperation across sector responsibilities on all levels!





A photograph of a wooden fence in a rural setting. A corrugated metal sign is attached to the fence, featuring the text 'CONSERVATIONISTS NOT WELCOME HERE' in white, hand-painted capital letters. The sign is slightly rusted and has a weathered appearance. The fence is made of light-colored wood and is partially covered by a dense, dark hedge in the background. The foreground is a grassy field, and the sky is overcast and grey.

CONSERVATIONISTS  
NOT  
WELCOME HERE





Effigies of the conservationists burned by Somerset farmers in 1983. Photo: Roger Hutchins.





la

## Use adaptation to climate change to trigger coordination across sectors



la

## Use adaptation to climate change to trigger coordination across sectors



### Our experiences – good practice example

- Include water to design an attractive territory and take into account the needs of adaptation
- Coordinate sectors from the first step of planning! Multi-stakeholder deliberation....



la

## Use adaptation to climate change to trigger coordination across sectors



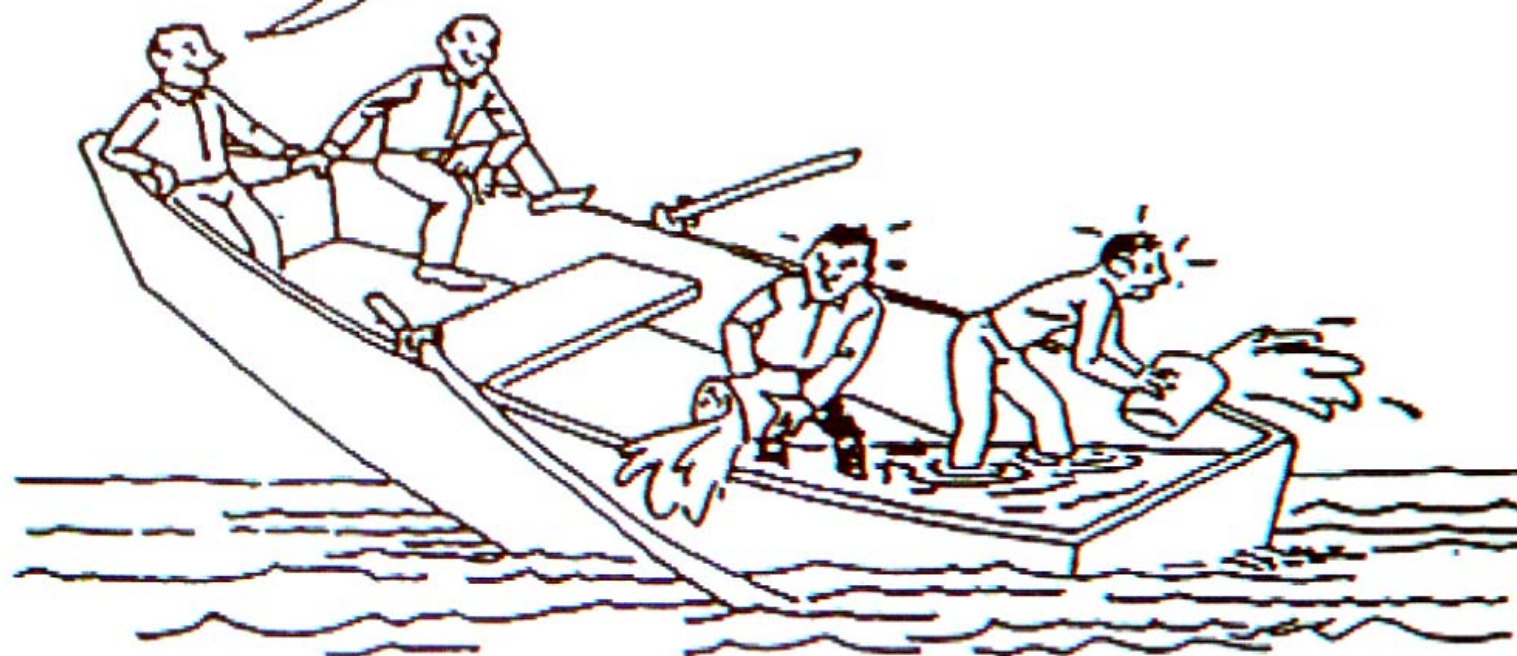
### Recommendation

- At all levels: facilitate joint strategic planning and action of relevant stakeholders
- Consider for EU Adaptation Strategy and review of Directives!



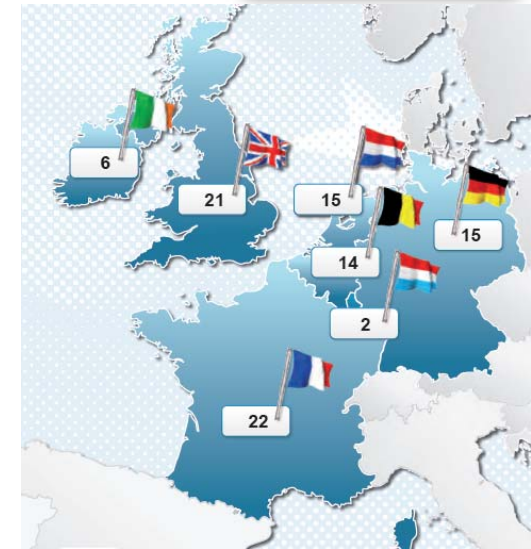


*I'm sure glad the  
hole isn't in our end . . .*



Comments on theme I:

Adaptation requires  
co-ordination across sectors



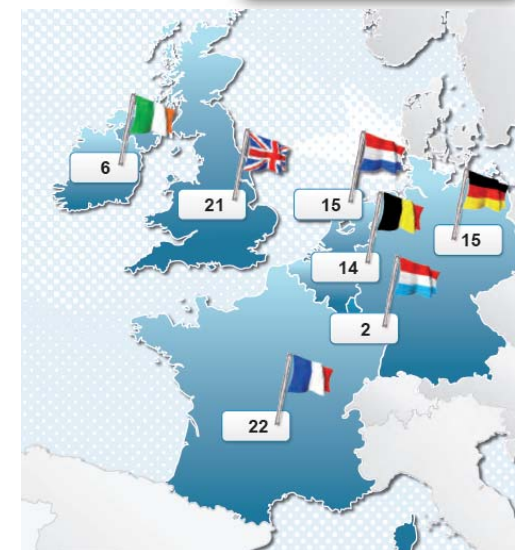
by Almut Nagel

– Federal Ministry of Environment, Germany



Comments on theme I:

Adaptation requires  
co-ordination across sectors



by Tom Leahy

– Executive Manager Dublin City Council - Ireland

# The Flood Resilien City Formula:



$$\text{3.P's} + \text{4.A's} + \text{S \& C} = \text{The FloodResilienCity}$$

engagement with:

Politicians & Policy Makers

Professionals

Public

to promote:

Awareness

Avoidance

Alleviation

Assistance

& formulate flood:

Strategies &

Capacity



FloodResilienCity





## Comments on theme I:

### Adaptation requires co-ordination across sectors

by Tom Leahy – Executive Manager Dublin City Council - Ireland



## Agreement?

### I Agree with message but would change overview matrix

#### Overview *SIC adapt!* Policy recommendations - Draft 8 June 2012

No.	Recommendation topic/ subjects	Input by projects	Keywords					Level addressed		
			Urban, regional	Water, river, coast	Nature, forest, agriculture	Society, behaviour change	Other	EU level	Regional	Local / national
I	Adaptation requires coordination across sectors									
Ia	Use adaptation to trigger coordination across sectors	AL, AM, CC, FC, WV	x	x	x	x		x	x	x
Ib	Strengthen the coordination between the water sector and spatial planning	AL, AM, FR, WV	x	x		x			x	x
Ic	Improve coordination between EU Directives to facilitate adaptation	AL, AM, FC, FR, WV	x	x						

#### Reason

Society, Behaviour

Change =

Politicians/Public

FRC = Urban/Regional  
Scale Adaptation

11 partner organisations  
from 8 major European  
cities.



Comments on theme I:

Adaptation requires co-ordination across sectors

by Tom Leahy – Executive Manager Dublin City Council - Ireland



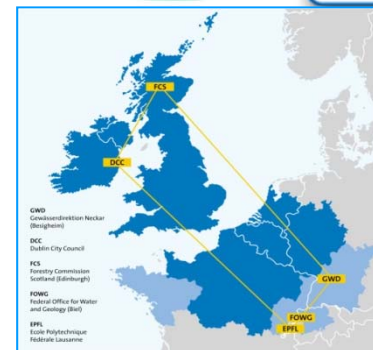
## Changes / additions?

- **Climate Change challenges appear to be in the distant future! Need to add sense of urgency.**
- **Need to move from Solutions to risk reduction focus.**
- **Networks are essential for cross sectoral co-ordination.**
- **EU Directives can appear remote often with little citizen input but they affect every citizen.**
- **Need to show how every person can help. Citizen centred approach.**
- **Focus is often on Municipalities or “someone else” to address the problem. Problems require shared actions.**





## DCC participation in the EU Interreg Programme: **NETWORKING WORKS !!**



### INTERREG IIIB 2003/08

- **SAFER** (Strategies & Actions for Flood Emergency Risk Management)

Partnership from DE, IE, SC & CH.

DCC participating partner; OPW regional steering committee member.

Spatial Planning; Infrastructural Defences; SAFER Flood Response Model.

- **NOAH** (Not an acronym – just a nice name!)

Partnership from NL, DE, FR, UK, IE.

Dublin CC & OPW both full participating partners.

Uncertainty Gap (Response Paradigm) ; FLIWAS (Flood Information Management System)

### INTERREG IVB 2007/12

- **FRC** (Flood Resilient City)

Partnership from NL, DE, FR, UK, IE, B.

DCC participating partner; OPW regional steering committee member.

Room for River; Pluvial Flooding; Flood Resilience; Scottish 4 A's model.



## FRC Network

IWA congress Water, Climate and Energy

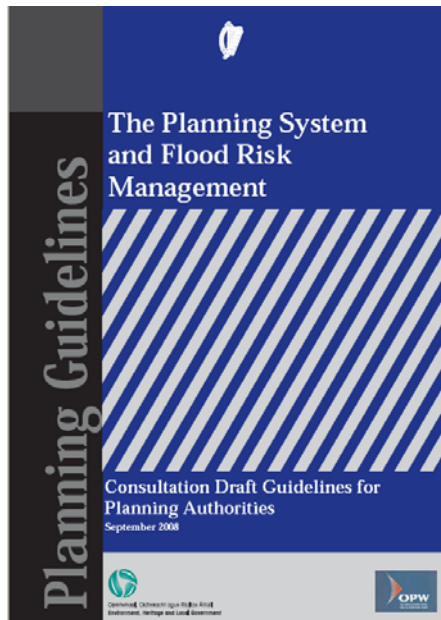
– Dublin May 2012

1,200 delegates

60 Countries

FRC special  
session





## Need better Integration of Directives at EU Level:

- Floods Directive
- Water Framework Directive

EU should provide integration matrix of all Directives ?





Comments on theme I:

Adaptation requires co-ordination across sectors

by Tom Leahy – Executive Manager Dublin City Council - Ireland



## Activities (in our work) related to this recommendation

- Dublin FRC focus is on “Monster Rain” adaptation strategies.

- Builds on SAFER strategy



The Four A's model has been selected rather than the WISE (Water Information System for Europe) approach because:

it is slightly more comprehensive, &  
it is aimed more at organisations involved in delivering flood risk management.

The 4As model does not replace the WISE approach but **develops it in more detail** as can be seen in the comparison Table.

WISE (Water Information System for Europe)	4 A's (Scottish Environment Protection Agency)
<b>Preparedness:</b> informing the population about flood risks and what to do in the event of a flood	<b>Awareness:</b> enhancing the awareness and engagement in all aspects of flood risk and the means of managing it at the <u>Policy level</u> (politicians/decision makers), among the <u>Professionals</u> (of the involved authorities and elsewhere) and at the <u>Public level</u> (people, companies, developers, insurance companies).
<b>Prevention:</b> preventing damage caused by floods by avoiding construction of houses and industries in present and future flood-prone areas; by adapting future developments to the risk of flooding; and by promoting appropriate land-use, agricultural and forestry practices	<b>Avoidance:</b> limiting flood damage and easing recovery by planning and adapting buildings, infrastructure, surfaces and economic activities and building capacity in individuals and institutions to become more resilient.
<b>Protection:</b> taking measures, both structural and non-structural, to reduce the likelihood of floods and/or the impact of floods in a specific location	<b>Alleviation:</b> reducing flood risk by implementing physical, technical, non-structural and procedural measures for the management of water systems
<b>Emergency response:</b> developing emergency response plans in the case of a flood	<b>Assistance:</b> providing support to recovery processes and engaging and building capacity in communities, and others prior to, during and after flood events.
<b>Recovery and lessons learned:</b> returning to normal conditions as soon as possible and mitigating both the social and economic impacts on the affected population	

Comments on theme I:

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by Tom Leahy – Executive Manager Dublin City Council - Ireland



## Bottlenecks for successful implementation?

- Must have a shared understanding of Risks associated with Climate change.
- Communication Challenge – Professionals need to explain (simply) to allow Politicians to believe and lead communities.
- Must be able to demonstrate good practice case studies.
- Need to include Insurance sector as partners

