

Risk versus Crisis ?

- where do we meet -

- Introduction
- Programme
- General statements
- Theme sessions
- Report and closure



Introduction

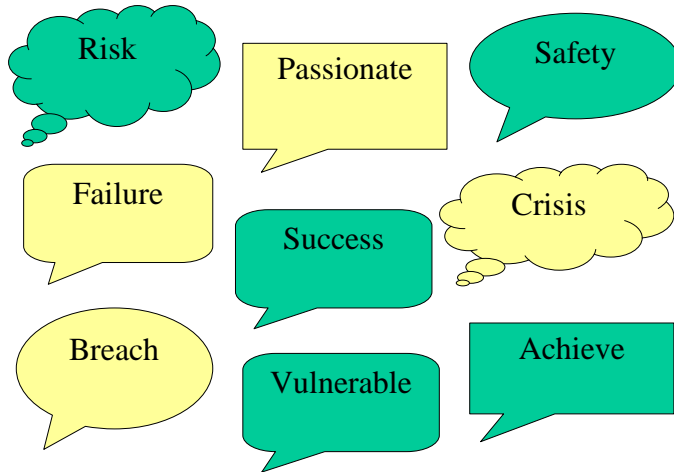
- Rosanna



- Richard



Introduction



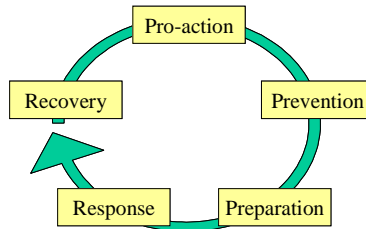
Programme

Plenary start	09.00-09.45
Parallel theme-sessions •Flood risk management •Risk and Crisis •Flood crisis management	09.45-11.45
Break	11.45-12.00
Plenary closure	12.00-13.00
Lunch	13.00-14.00



General statements

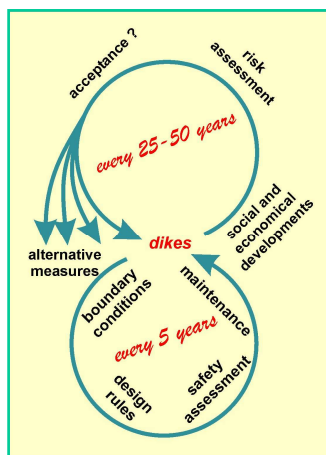
- Pro-action
- Recovery



- Where do we go from here?



Pro-action

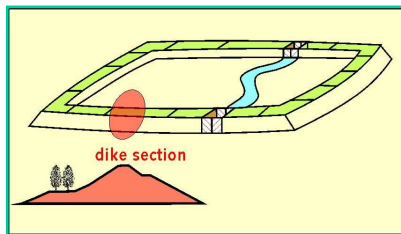


- Introduction flood protection act 1996
- Legal standards for safety (probabilities)
- Not directly: risk
- Not: other measures



Pro-action

- Focus on the 'outer' ring
- Secondary levees 'disappeared' from the equation and in some cases from the field as well



Pro-action

Flood protection	Spatial planning
Focus on probabilities (hydraulics)	Taking safety for granted
Taking increased potential damages for granted	

Pro-action (especially strategic spatial planning) is very much the next missing link



Recovery

Post-Katrina experiences

- 2 year operation
- 5 billion US\$
- Involving 1700 people (3500 volunteers)
- 12,000 demolitions
- 81000 temporary ('blue') roofs
- 30 million cu yards debris



Recovery

Implications of Water shortage

- Hygiene-Public anxiety & anger
- Social and Economic Impact
- Complete dis-believe that this could happen in the 21st Century
- Rumour and Speculation.. Through the media
- Duration of the event – No mains water for 12 days,17 days without mains drinking water
- In just one county -200,000 litres of water
- What can we learn from this?

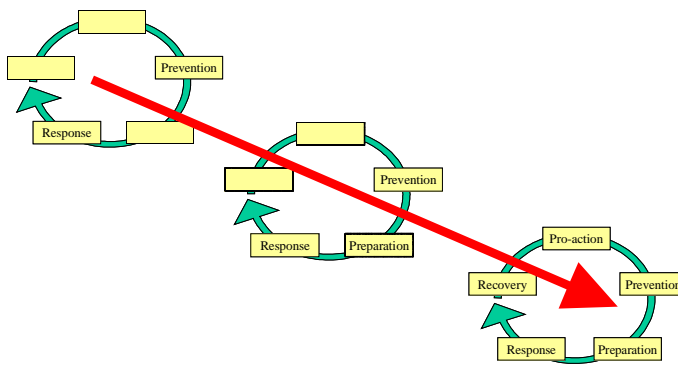


Lessons learned?

Flood Event	1953	2000	2004	2005	2007
Multi-agency coordination prior to the event	☑	☑	☑	☑	☑
Poor Communication	☑	☑	☑	☑	☑
Provision of Public information was patchy	☑	☑	☑	☑	☑
Business Continuity issues were a problem	☑	☑	☑	☑	☑
Identified a need for training & exercising	☑	☑	☑	☑	☑
Poor Long term recovery planning	☑	☑	☑	☑	☑
Spatial planning (Building on flood risk areas)	☑	☑	☑	☑	☑



So, where from here?






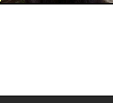

So, where from here?

- We need a better PR

Theme	Question
Pro-action	•What's your concern?
Recovery	•What are your ambitions?



So, where from here?

Level of ambition	
Sharing information	
Joint research agenda	
Technical tools such as codes	
Policy tools	
Policies	



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Risk meets crisis!

