

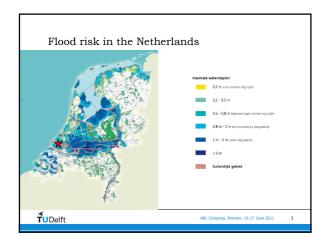
## Responses to climate change

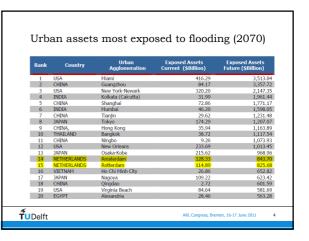
## Adaptation and mitigation strategies

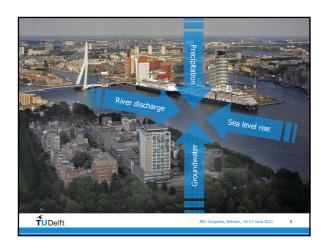
- often developed separately
- not always complementary
- 1990s: adaptation politically difficult implied failure to tackle causes
- 2000s: 'resilience turn' recognition that some impacts cannot be avoided even if GHG levels are reduced

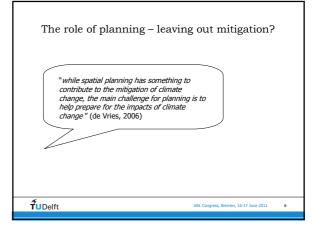


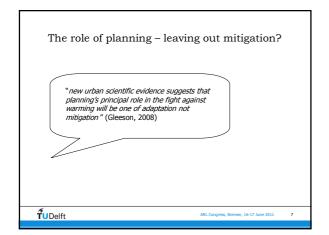
RL Congress, Bremen, 16-17 June 2011

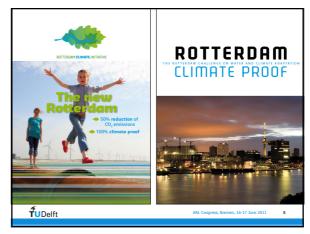


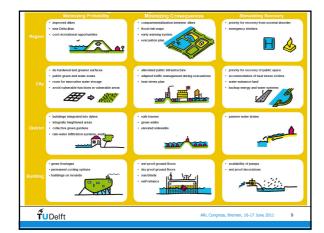


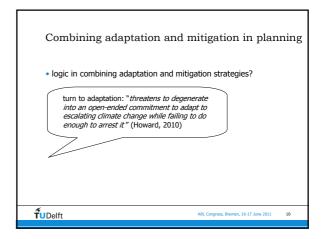












Combining adaptation and mitigation in planning

• logic in combining adaptation and mitigation strategies?

• competition for resources

• tensions (e.g. higher density development)

+ transport, district heating

- heat island effects, cooling requirements

• fundamental differences between adaptation and mitigation

• actors

• spatial scales

• timescales of implementation and impact