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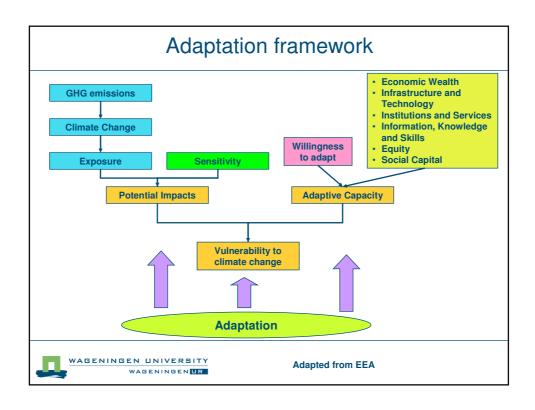


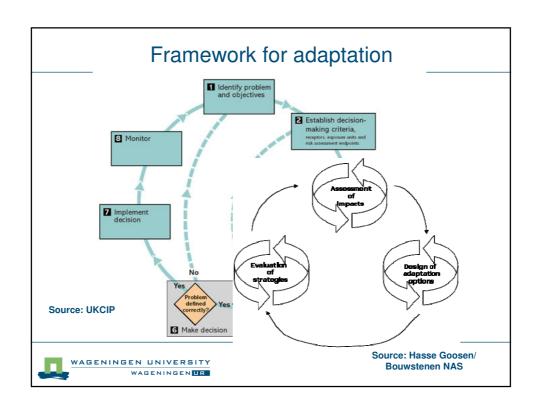


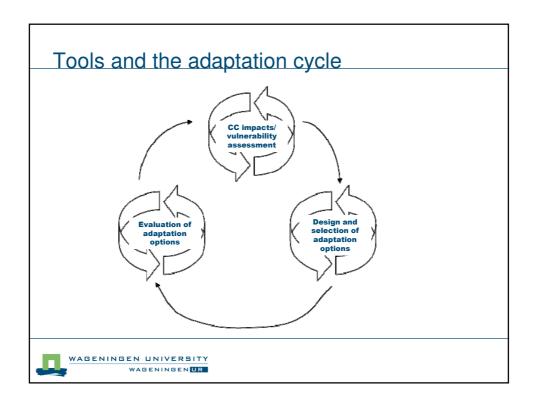
Our Approach

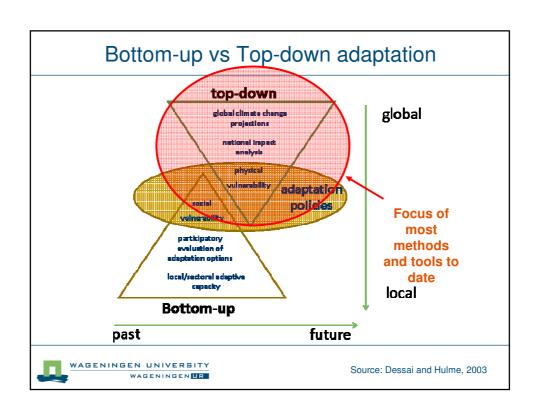
- An inventory of available methodologies, methods and tools for assessing climate change impacts, vulnerability and adaptation, including climate-proofing of plans;
- The selection of a framework for structuring and evaluating the methodologies, methods and tools;
- The assessment of opportunities for Dutch methods and tools to assist with adaptation and climate proofing abroad;
- The assessment of opportunities provided by methods, tools and methodologies available abroad for strengthening Dutch adaptation research and policy.



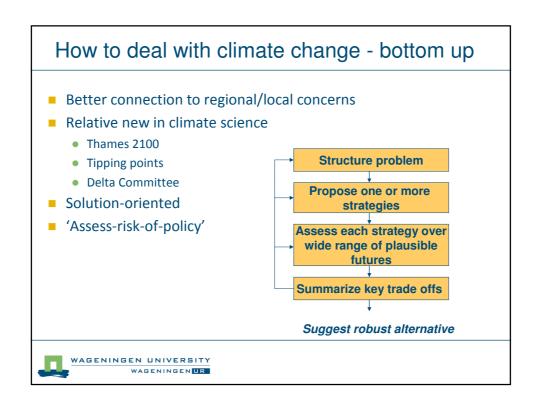


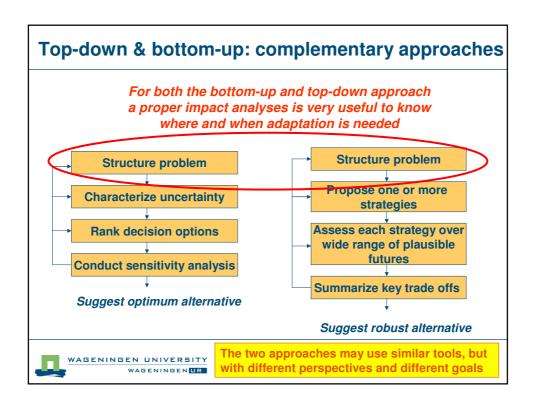


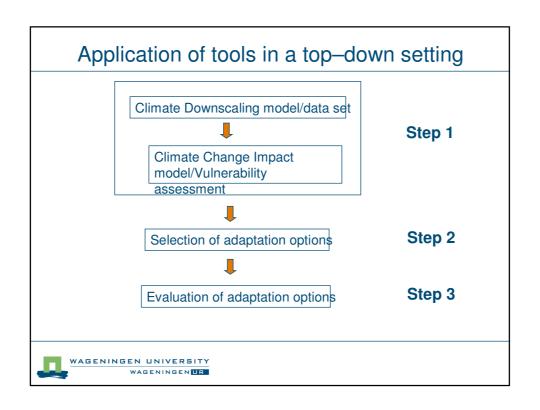


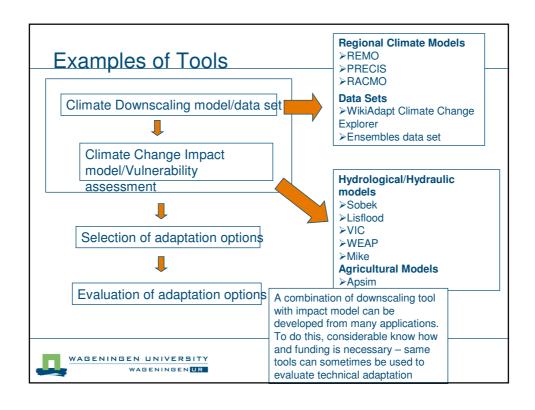


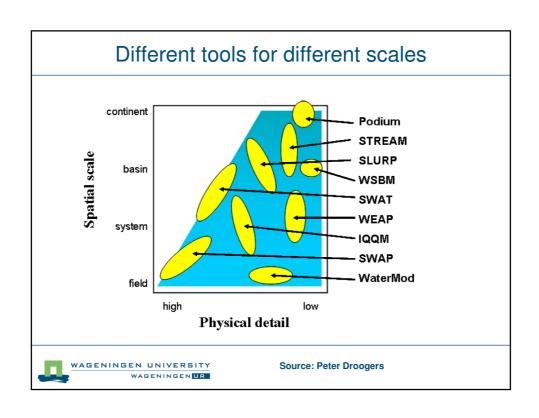
How to deal with climate change — top down Common practice (inter)nationally - IPCC/EEA/KNMI Problem-oriented/climate scenario-oriented 'Predict-optimize-act' Structure problem Characterize uncertainty Rank decision options Conduct sensitivity analysis Suggest optimum alternative

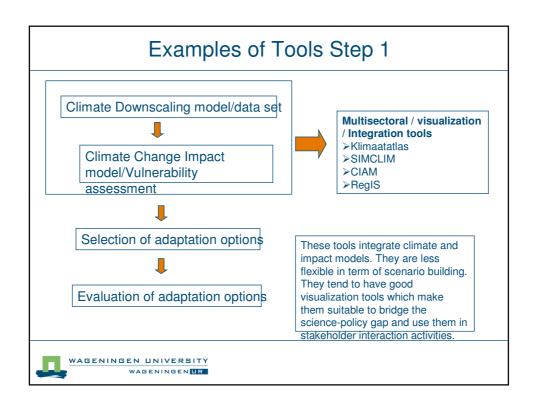


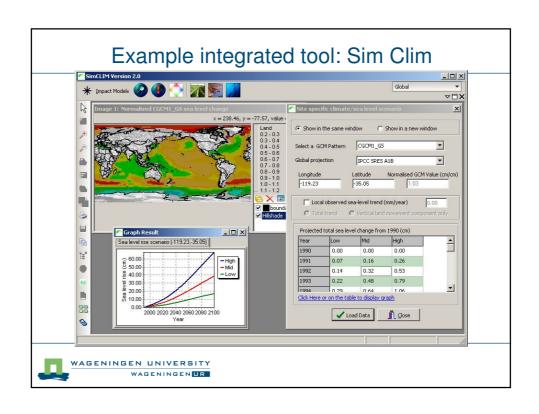


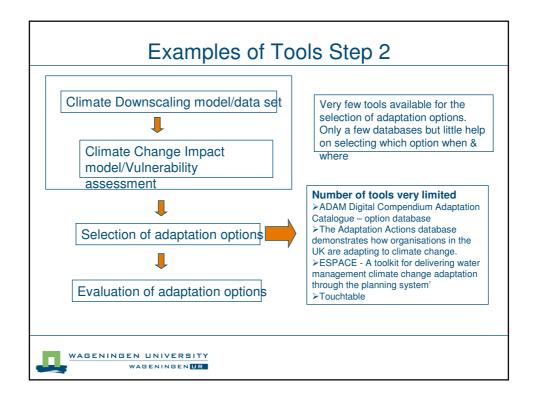


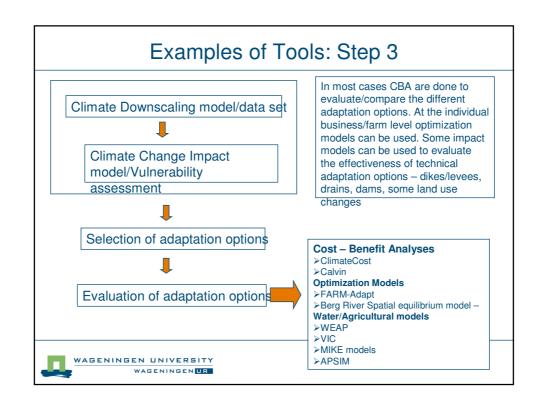


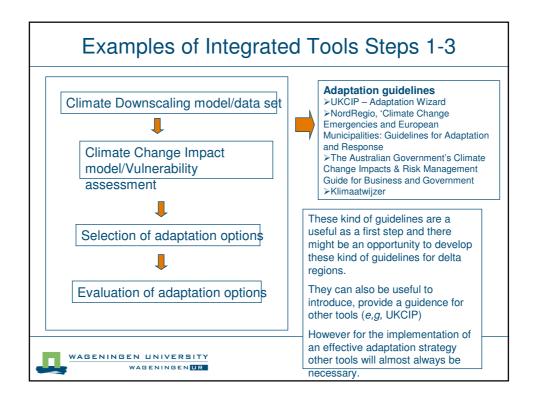


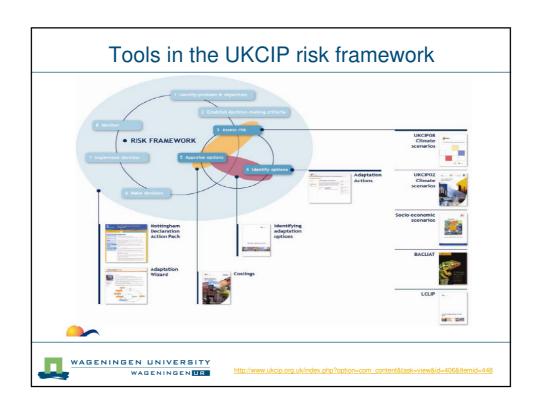


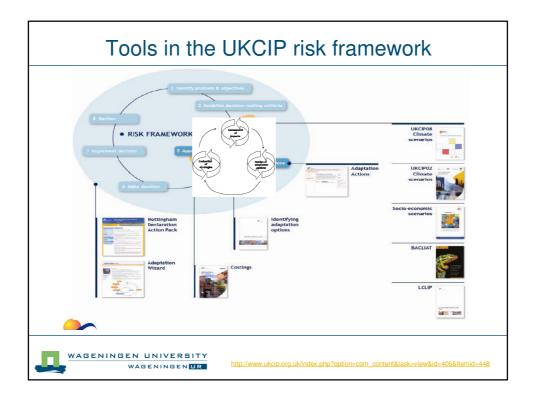












Key findings

- Demand is high: many processes urgently need practical tools (SEA, UNFCCC/NAPAs, Water Mondiaal, EU Adaptation Strategy, OECD etc.)
- Many tools are available, but few are satisfactory for effective climate adaptation policy support by knowledge institutions and the private sector
 - Tools address early stages of policy cycle impact analysis, not adaptation policy support
 - Tools have been developed for non-climate purposes, e.g. water management
 - Tools have been developed for specific research purposes, not easily transferable for other real-world applications



Recommendations in relation to developing guidance for "mainstreaming" adaptation

- Good climate change scenarios and climate change impact analyses are necessary for both the bottom up and top down approach
 - An initial impact analyses is often a good start for stakeholder interaction (think about climate atlas etc.)
- You need different tools/approaches for different stages in the adaptation/policy cycle – "there is no one size fits all adaptation tool"
- Use the top-down regional/global information to feed in to the bottom decision making process.
- Don't forget about the opportunities in climate change adaptation – climate change is more than "floods, droughts and disasters"

