



Methodological challenges in multidisciplinary climate change research – experiences from ESPON CLIMATE

Akureyri, 23. august 2013.

Ove Langeland, Bjørg Langset, Olaf Foss



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ESPON CLIMATE – BACKGROUND AND PURPOSE

- ESPON Climate project was mainly about:
- a pan-European *vulnerability assessment* as a basis for identifying regional typologies of climate change exposure, sensitivity, impact and vulnerability.
- On this basis, *tailor-made adaptation options* can be derived which are able to cope with regionally specific patterns of climate change.
- In the ESPON Climate project this *regional specificity* is addressed by seven case studies from the transnational to the very local level.

Conceptual and methodological framework

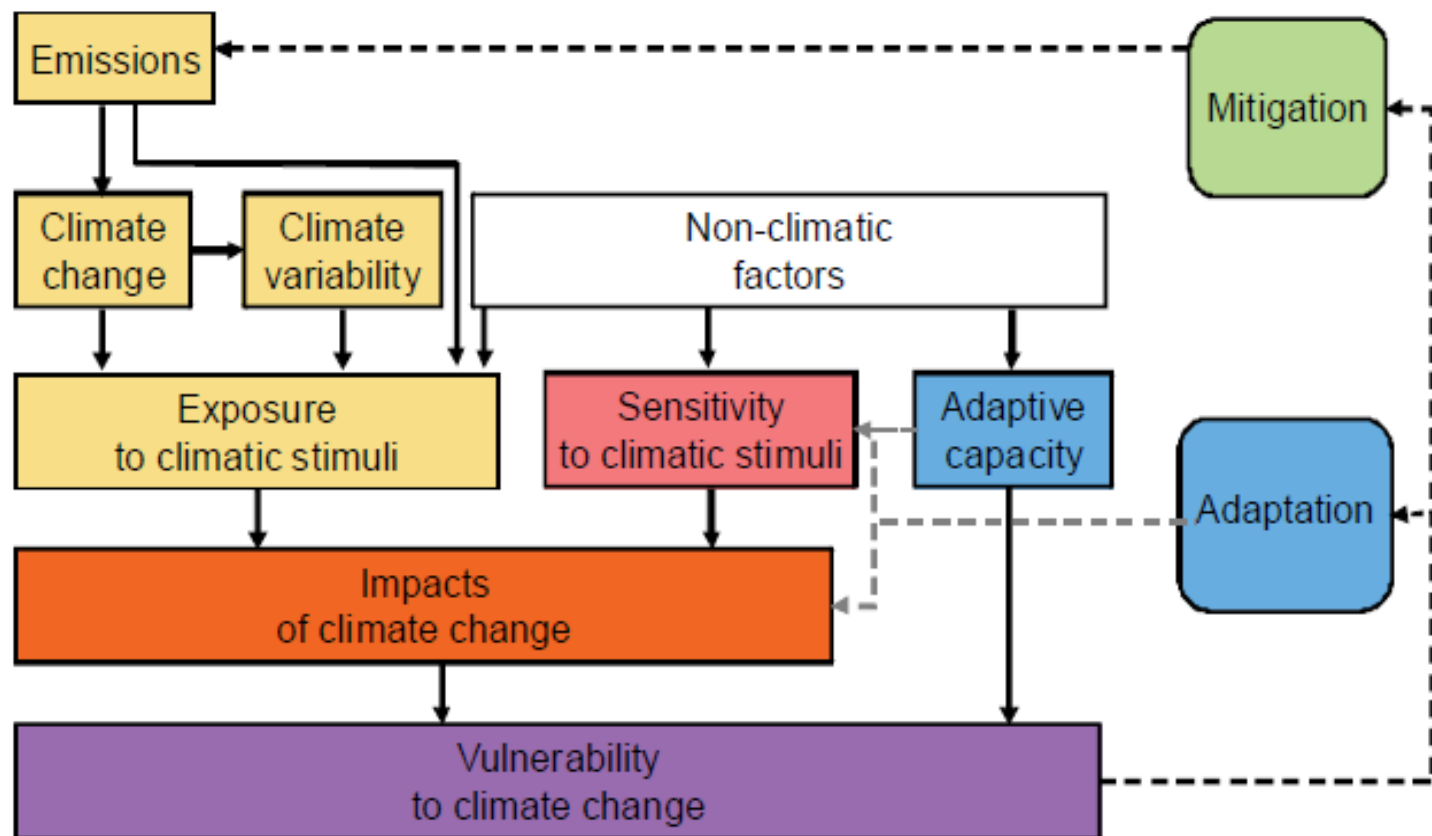


Figure 1: ESPON Climate Change research framework (adapted from Füssel & Klein, 2006, 54)



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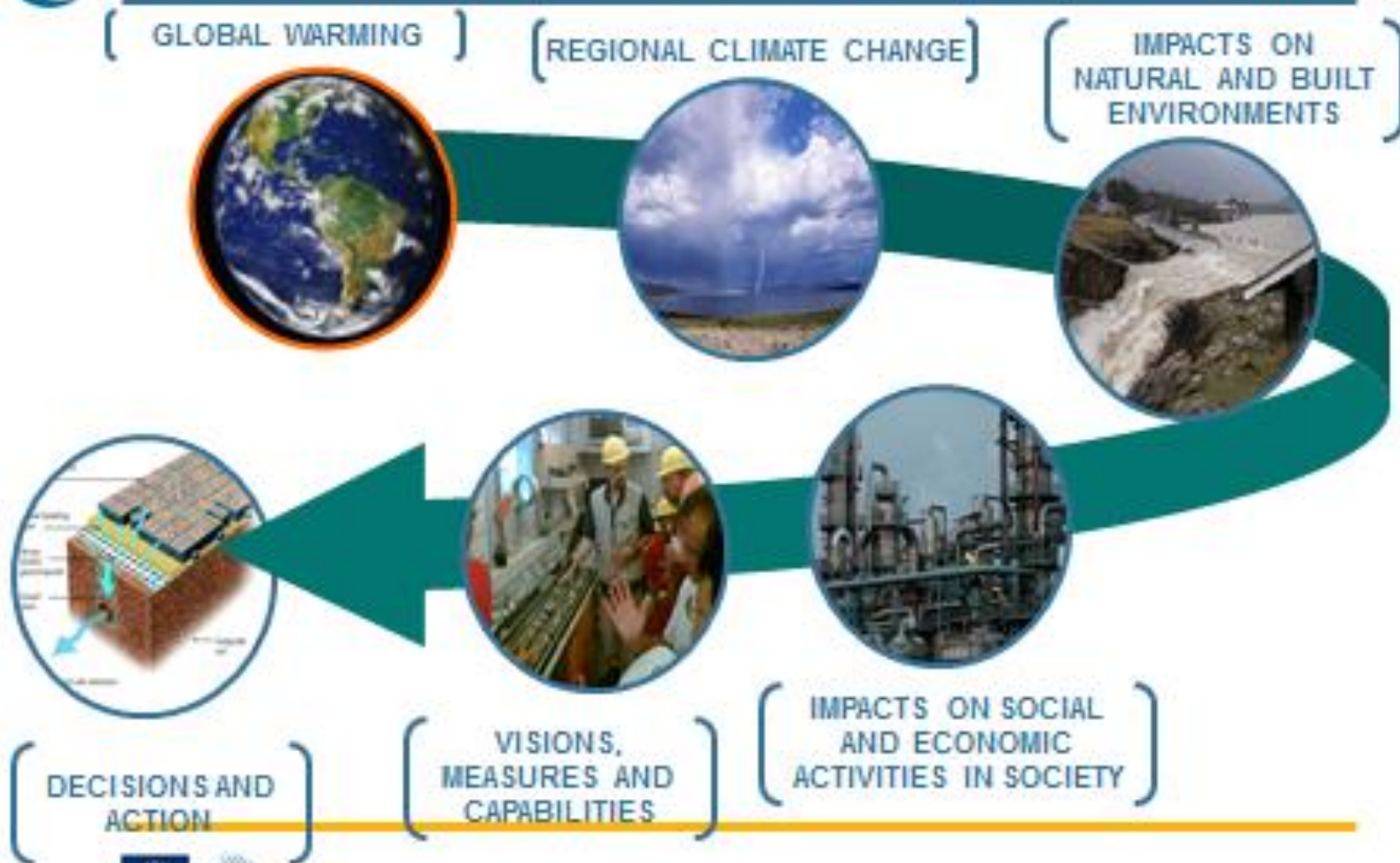
Challenges

- Multidisciplinarity
- Time perspective and predictions
- Maps and aggregation



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Part financed by the European Union (European Regional Development Fund and European Neighborhood and Partnership Instruments)

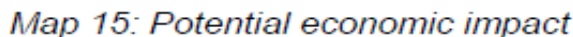


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Time perspective and the quest for prediction

- Climate change – long term changes
- Predictions in social science
- Scenarios as alternative future research



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Conclusion

- How to achieve optimal multidisciplinary?
- Is it possible to predict the future in social sciences?
- Which kind of climate research is most helpful for spatial planning?