

Workshop

“The economics of climate change adaptation measures under WFD, MSFD and ICZM ”

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Cross sectoral approach



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Structure of the presentation

Legal basis

Guiding principles



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Legal basis (1)

The EC White Paper *Adapting to climate change; Towards a European framework for action* (COM/2009/147) calls for a more strategic approach to climate change adaptation **across different sectors and levels of governance**.

According to the Intergovernmental Panel on Climate Change (IPCC), adaptive capacity may be defined as the *ability to cope, adapt or recover from the effects of a hazard* (in this case, climate change).

Examples of steps that can be taken to build adaptive capacity include: increasing knowledge of potential climate risks for individual river basins; strengthening data collection and knowledge exchange amongst key stakeholders; **cross-sectoral integration and partnership working**; awareness raising education and training.



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Legal basis (2)

A cross-sectoral adaptation strategy will help to minimize potential cross-sectoral conflicts whilst maximising possible synergies between adaptation plans cross-sectoral adaptation strategy.

This will also help to minimize potential cross-sectoral conflicts whilst maximising possible synergies between adaptation plans.

Effective lines of communication and coordinated action should be established at all levels of management within the River Basin District (RBD).



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Legal basis (3)

Guidance 24: 11 key guiding principles

Principle 8: Maximise cross-sectoral benefits and minimise negative effects across sectors.

Robust adaptation measures will also make provision for the actions being taken by others to either mitigate or adapt to climate change.

Measures taken to improve water status through waste water treatment or reuse, artificial recharge of aquifers, inter-basin transfers, imply higher energy consumption and greenhouse gas emissions.

How to do a climate check of the Programme of Measures?

Choose sustainable adaptation measures, especially those with cross-sectoral benefits, and which have the least environmental impact, including GHG emissions.

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Guiding principles (1)

Identifying stakeholders and deciding on an approach to engagement – working in partnerships

Work in cross-sectoral partnerships and across administrations

Ensure that climate change aspects are discussed between the relevant public administrations, in stakeholder meetings and discuss how relevant water-related sectors can contribute to adaptation.

Integrate cross-sectoral delivery of adaptation measures and coordinate activities with land use planning.



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Guiding principles (2)

- Integrate cross-sectoral delivery of adaptation measures and coordinate activities with land use planning.
- Establish links of river basin management planning to other national and regional planning activities and policies which are relevant to climate change impacts and adaptation in RBDs (e.g. municipality planning, spatial planning, land use planning).
- Within river basins and catchments, integrate adaptation actions with those of other sectors to develop a holistic plan that takes advantage of cross-sectoral adaptation benefits – eg reinstating floodplain wetlands that prevent flooding, retain water and provide wildlife habitat. Integrate cross-sectoral delivery of adaptation measures and coordinate activities with land use planning.



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