



Natural Water Retention Measures

Web-based knowledge
Community of practice
NWRM practical guide



Pilot Project - Atmospheric Precipitation - Protection and efficient use of Fresh Water: Integration of Natural Water Retention Measures in River basin management

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Thematic Group Session on URBAN AREAS

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Implementation

- **Coordination with urban planners**
 - **Start early**
 - **Masterplanning**
 - **Spatial planning**
- **Look at the traditional flow of water (pre-urbanisation)**
- **Density (space) critical question**
- **Urban / natural / forestry / agricultural – they overlap, not always distinct**



Benefits

- **Benefit: water recycling from constructed wetland**
- **Benefit: nutrient recycling**
- **Constructed wetland can be good to screen specific pollutants (but not all)**
- **Aesthetic benefits**
- **Sustainability of drainage systems / city development**



How to spread NWRMs?

o **Financial incentives**

- o Incentives for disconnection of rainwater discharge from the sewer (e.g. stormwater fee)
- o Proper pricing of water provides incentive for water retention (Croatian example)

o **Financial constraints – new development, but no money to enlarge the sewer**

o **But you need to explain why!**

o **Legislation (requirements and standards)**

o **Knowledge supplied to decision makers**

o **Education of professional organisations**

o **Integration into water management – but water management itself is often not integrated**

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