What are NWRM?

Natural Water Retention Measures (NWRM) are multi-functional measures that aim to protect water resources and address water-related challenges by restoring or maintaining ecosystems as well as natural features and characteristics of water bodies using natural means and processes.

Project aims

- To develop a comprehensive European collaborative knowledge base on NWRM across four sectors.
- Contribute to developing the European NWRM community of practice to support implementation of NWRM to support WFD, Floods Directive, climate change adaptation and sustainable urban plans.

Agriculture	Forest	Urban	Hydro Morphology

53 NWRM organised across 4 sectors, but many applicable across land uses

Why use NWRM?

- Give more space to nature
- Increased resilience
- Deliver multiple benefits
- Achieve multiple policy goals
- Cost-effective solutions
- Multiple financing options

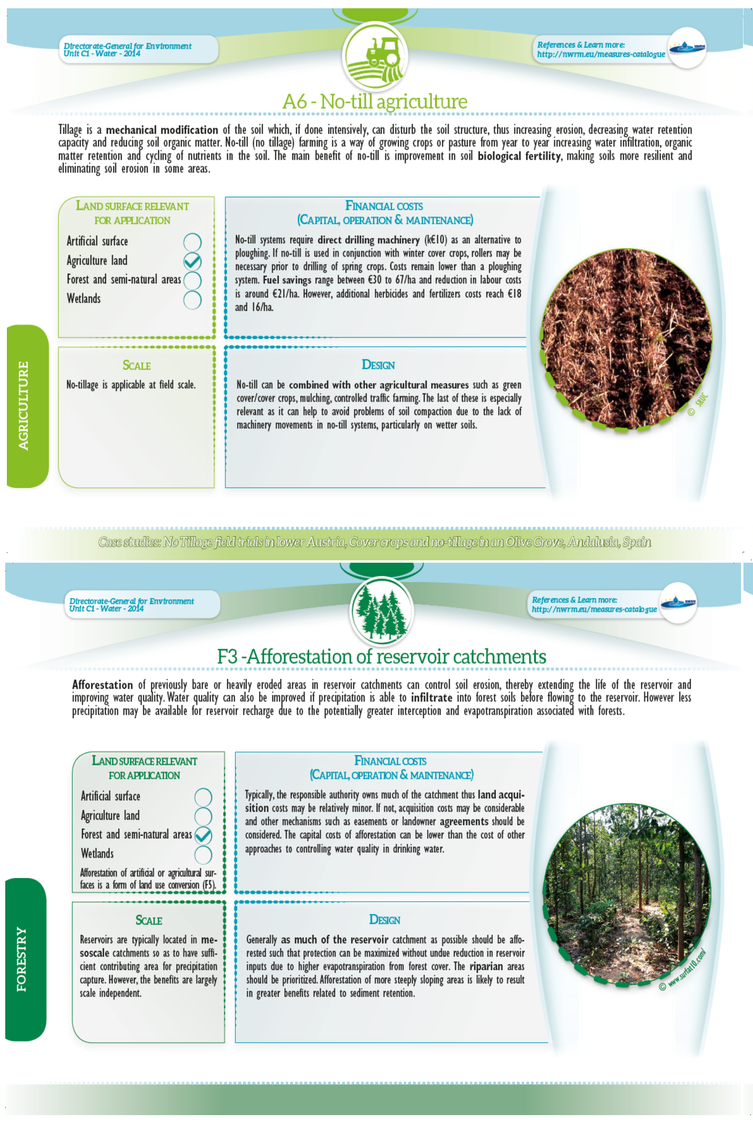
How to implement NWRM

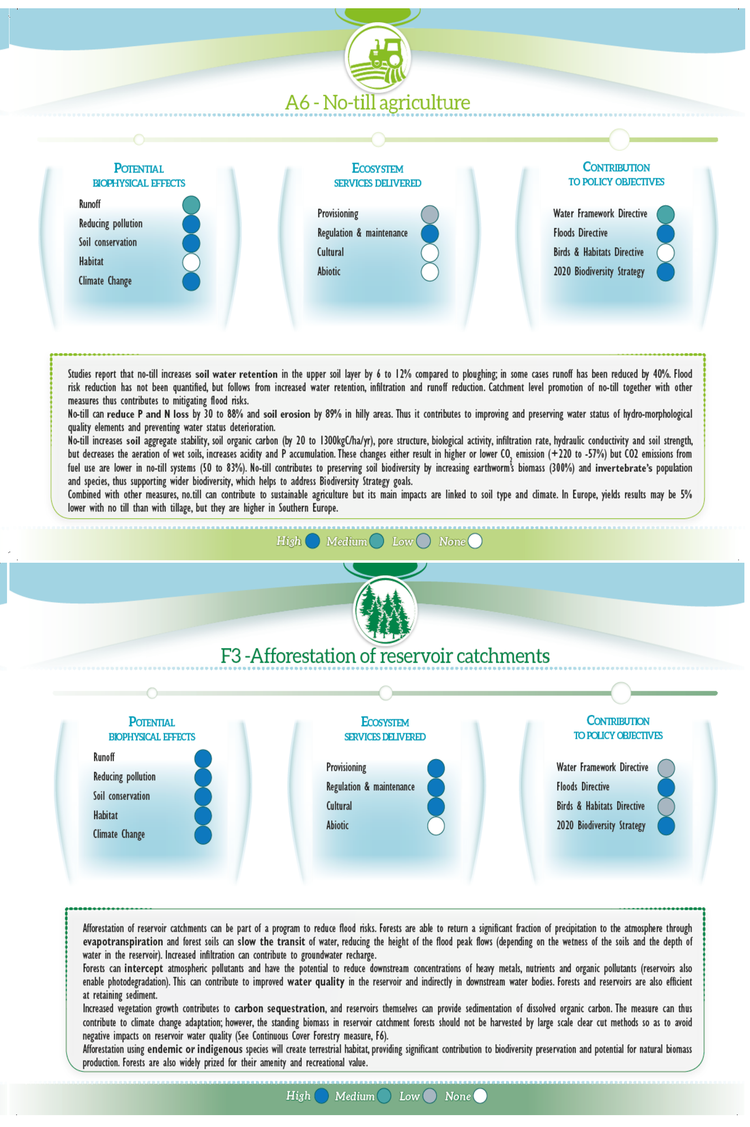
- Identify: objectives, pressures and challenges
- Pre-screen NWRM: relevance to context and expected benefits
- Assess: impacts, effectiveness and compare measures
- Feasibility: technical, financial, governance
- Resources : monitor, interact, adjust and communicate

Ensuring effectiveness

- Ensure knowledge is multidimensional
- Make functioning and scale explicit
- Mobilise stakeholders
- Find the right incentives
- Widen scope of monitoring and evaluation

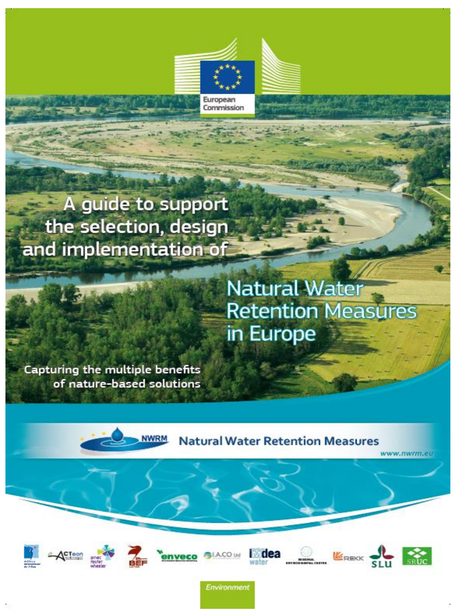
Assessment covering: design, impacts, ecosystem services, policy goals, cost-effectiveness, finance and governance





'Visit' NWRM in practice

- NWRM have been applied across Europe by water managers, conservation organisations, farmers, urban planners and many others
- Read our in depth and light case studies



To find out more visit www.nwrm.eu

Partners

Office International de l'Eau · ACTeon environment research & consultancy · REKK · Regional Environmental Center · I.A.CO Ltd Environmental & Water Consultants · enveco Environmental Economics Consultancy · amec · Institute IMDEA Water · SLU · SRUC · BEF Latvia

This document is provided in the framework of "ENV.D.I/SER/2013/0010 "Pilot Project - Atmospheric Precipitation - Protection and efficient use of Fresh Water: Integration of Natural Water Retention Measures in River Basin Management" (09/2013-10/2014) with the support of the European Commission. However, it only reflects the views of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.