

Timetable

2010 Kick-Off-Meeting and Study Visit (Graz)

- Setting up Project Structures

Seminar / Workshop (Edinburgh)

- first exchange of experience of project partners
- Definition of the problems by the project partners in each state

2011 Seminar / Workshop (Goriza)

- Collection and assessment of best practices for problem solution approaches
- Expert discussions
- Definition of content
- Selection of best practices

Seminar / Workshop (Wroclaw) + Study Visit (Dresden)

- Presentation of results
- Expert discussions
- Decision on selected problem solutions (best practices)
- Definition of contents for SHARP Manual
- Preparation of International Conferences

2012 ■ Presentation / Dissemination of SHARP results

- Presentation of the SHARP Manual

1st International Conference (Athens)

- Presentation and collection of best practices from non-PP and non-EU
- Preparation on opening the SHARP partnership to non-PP and non-EU countries for future cooperation after 2012

2nd International Conference (Graz)

- Determination of final and future proceedings
- Use and further development of produced outputs/results
- Discussion and common development of strategies for future cooperation
- Implementation of an International SHARP Groundwater Management Network



SHARP is promoted within the scope of the programme INTERREG IVC from means of European Regional Development Fund
www.sharp-water.eu

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Down to the ground!

Exchange of experiences on sustainable groundwater management





Facts

- SHARP is implemented through the INTERREG IVC
- Project Duration: January 2010 – December 2012
- Total Budget: EUR 1,871,978.50
- LfULG Budget: EUR 299,750.00

Objectives

SHARP deals with innovative tools, methodologies and technologies to improve the quantity and quality of existing groundwater resources. The project focuses on knowledge exchange of innovative techniques to protect groundwater resources in the nine partner regions. SHARP will help to solve the existing conflict on groundwater reserves between drinking water supply and the water supply for irrigation or industrial use.

Expected Results

- 15 successfully transferred good practices which will lead to at least eight direct improvements of regional / local policies and strategies concerning groundwater resources
- More sensitivity / awareness of climate change related problems created
- 15 improvements / adaptations of existing technologies due to improved knowledge.
- Installation of a sustainable groundwater experts network within different European regions (Experts obtained by SHARP increased competence in the groundwater management. To ensure effective dissemination of expert knowledge, direct and permanent connections to existing water utilities and water utilities are built.)
- Direct contacts with policy makers
- Improved knowledge on groundwater management systems due to SHARP Study Visits

Key Contents

The partners will exchange practical knowledge and also determine demands concerning the defined key contents.

- general groundwater management tools
- artificial groundwater recharge technologies
- groundwater monitoring systems
- strategic use of groundwater resources
- drinking water safety plans
- water balance models
- techniques to save water quality and quantity

Good Practices (Responsible Partner)

- Assessment of water balance models Project KliWES
▶ www.smul.sachsen.de/kliwes (PP 8, DE)
- Web based catchment (groundwater / surface water) characteristics Digital Waterbook (info tool)
▶ www.wasserbuch.sachsen.de (PP 8, DE)
- Sustainable precipitation management concepts to save water quality and quantity (PP 8, DE)
- Discrimination of sources of agricultural pollution (PP 4, IT)
- Regional code of good agricultural practice (soil attenuation capacity map) (PP 4, IT)
- 3D geological information to inform hydrological understanding (PP 7, UK)
- Groundwater monitoring and data capture templates (PP 7, UK)
- Quantifying groundwater / surface water interaction (PP 6, PL)
- Systematic monitoring of groundwater and surface water (mining closure) (PP 6, PL)
- GIS-based vulnerability maps (PP 2, EL)
- Regional water management plans in all sectors (PP 2, EL)
- Artificial groundwater recharge Friesach (PP 9, AT)
- Artificial groundwater recharge Andritz (PP 9, AT)
- Techniques to save water quantity (PP 5, MT)
- Water management tool for island regions (PP 3, EL)

Project Partner (PP)

- PP 1 WATERPOOL Competence Network GmbH (AT), Lead Partner
- PP 2 Region of Western Macedonia (EL)
- PP 3 Region of North Aegean (EL)
- PP 4 Regional Agency for Rural Development of Friuli-Venezia Giulia (IT)
- PP 5 Local Councils' Association (MT)
- PP 6 Institute of Meteorology and Water Management – Wrocław (PL)
- PP 7 International Resources & Recycling Institute (UK)
- PP 8 Saxon State Office for Environment, Agriculture and Geology (DE)
- PP 9 Holding Graz Services GmbH (AT)

