

<b>Abbreviation</b>	• <b>SHARP</b>
<b>Project Title</b>	• Sustainable Hydro Assessment and Groundwater Recharge Projects
<b>Operational Programme</b>	• <b>INTERREG IVC</b>
<b>Budget of Project</b>	• 2.382.199,00 €
<b>Budget of Region</b>	• 97.185,00 €
<b>Development Funds of North Aegean</b>	
<b>Beginning / Expiry</b>	• 7/2010 - 12/2012
<b>Partners</b>	<ul style="list-style-type: none"> <li>• Competence Network Water Resources GmbH (Lead Partner) (Austria)</li> <li>• North Aegean Region</li> <li>• Western Macedonia Region</li> <li>• Regional Agency for Rural Development of Friuli Venezia Giulia (Italy)</li> <li>• Local Councils' Association (Malta)</li> <li>• Institute of Meteorology and Water Management- Wroclaw Branch (Poland)</li> <li>• International Resources &amp; Recycling Institute (United Kingdom)</li> <li>• Saxon State Office for the Environment, Agriculture and Geology (Denmark)</li> <li>• Graz AG water supply (Austria)</li> </ul>
<b>Subject</b>	• <b>Environment</b>
<b>Concise Description</b>	<p>The underground waters provide a constant flow of water in the rivers and the wetlands. The maintenance of this flow and the protection of waters from the pollution are vital for the aqua-ecosystems. The underground waters are the more basic source of potable water for three in four European citizens, while, the European countries use underground waters in the industry for the refrigeration, as well as for the irrigation of agricultural extents.</p>

The project SHARP is focused in the exchange of knowledge on the application of innovative techniques for the protection of underground water reserves in the regions of his eight partners. Thus in the frame of the project the partners will exchange and will improve innovative technologies, that are applied with success, for the sustainable management of quality and the quantity of underground water reserves, aiming at the acceleration of decision-making and action mainly in local and regional level.

Aim of the project constitutes the resolution of conflict of uses of reserves between water supply and irrigation – industry. The project is based on the reciprocal exchange of technical knowledge and on the application of existing technologies in different geological – geographic regions. The close collaboration of partners that emanates from regions with different climatic, geological and geographic conditions will ensure the development of new approaches and innovative solutions in common problems with respect in the world regulating factors.

The exchange of experiences and the distribution of knowledge are realized mainly via seminars, educational visits and trans regional meetings. Moreover an electronic-web center of information is being developed that supports the exchange of knowledge and facilitates the collaboration of partners, as well as remaining relative services and involved institutions in European level.

## **Deliverables**

- SHARP MANUAL - good practices and adaptations
- DVD - ROM (video of the project for promotion usage)
- Good practices – adoption of good practices
- North Aegean Region Water Resource Management on Chios Municipality
- Network System of Geographic Information – optical information of map with areas of protection, e.g. drillings, Natura characterized Areas, litter burial sites, shelters of wild life, etc.
- Pilot action planning in coordination with North Aegean Region Water Management
- Creation of database with the total of drillings in Lesvos