



**Environmental Protection of
International River Basins Project**



This project is funded by
The European Union

A project implemented by a Consortium
led by Hulla & Co. Human Dynamics KG

**Pilot project fiche
Pilot project 3 in Georgia (PPGE03)**

Country	Georgia
Name	<i>Design and construction of hydrological and water quality monitoring stations and rehabilitation of hydro-static monitoring network in the Chorokhi-Adjaristkali pilot basin of Georgia</i>
Contact person:	Zurab Jincharadze zurab.jincharadze@blacksea-riverbasins.net
Budget	54,486 Euro
Timing	2-Mar-15 - 31-Aug-15
Short description	<p>The main objective of this pilot project was assisting the Ministry of Environment Protection and Natural Resources of Georgia, the Directorate of Environment and Natural Resources of Adjara Autonomous Republic and the National Environmental Agency of Georgia for establishing WFD compliant Monitoring Network and strengthening their capacity for data collection, analysis and processing in the Chorokhi-Adjaristkali Basin District.</p> <p>A national consulting company - ELKO LLC was hired to design, construct and maintenance hydrological monitoring stations in the pilot basin. The following four (x4) primary monitoring locations for hydrological monitoring and two (x2) additional locations for specific flood risk assessment were selected as a result of the prefeasibility study conducted by experts team of the NEA Hydrometeorology Department:</p> <ol style="list-style-type: none"> 1. Chorokhi River at village Erge - for automated hydrological monitoring 2. Adjaristkali River at village Maghlakoni - for automated hydrological monitoring 3. Machakhela River at village Adjarisaghmarti - for automated hydrological monitoring 4. Kintrishi River at village Kokhi - for automated hydrological monitoring 5. Adjaristkali River at town Keda - for automated hydrological monitoring and flood risk assessment 6. Adjaristkali River at town Shuakhevi - for automated hydrological monitoring and flood risk assessment <p>Preparatory works, including procurement and testing of the equipment (water level radar-sensors, devices to measure precipitation, data loggers; GSM/GPRS modems, solar batteries, etc.) was completed at the beginning of August 2015. The final installation, testing and integration of the automated hydrology stations to the NEA Telemetry system was conducted by the end of August and thus on August 31st,2015 the Acceptance Certificate was signed by EPIRB Deputy Team Leader and the ELKO Director. On 4th September 2015 EPIRB and NEA have officially launched the rehabilitated automated hydrology network in Adjara Region of Georgia.</p>

- Outputs**
- 1. Phase 1 - Preparation: Detailed project design and drawings, list of procurement;
 - 2. Phase 2 & 3 - Implementation: Installation of the Equipment and integration into the NEA telemetry system;
 - 3. Acceptance Certificate;
 - 4. Press Release on Launching Ceremony
 - 5. Memorandum of Understanding between EPIRB and NEA
 - 6. Annex 1 to MoU: Technical specification of hydrology stations

