




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 4 in Belarus (PPBY04)

Country	Belarus
Name	<i>Preliminary assessment of the impact planned construction hydropower stations on the hydrological regime and preparation necessary amendments to RBMP of Upper Dnieper</i>
Contact person:	Alexandr Stankevich aps_stankevich@mail.ru
Budget	20,000 Euro
Timing	08.Feb.16 - 08.Aug.16
Short description	The overall objective of the project is the preliminary assessment of the impact planned construction hydropower stations on the hydrological regime and preparation necessary amendments to RBMP of Upper Dnieper.
Outputs	<p>Phase 1 Inception phase</p> <p><u>Deliverable 1:</u> Inception report, containing implementation strategy and data needs</p> <p>Phase 2: Development of mathematical model of the river Dnieper in Belarus to allow hydrological calculations of the water regime under natural conditions and after construction of the HPP, in the first instance, to develop maps of flood hazard and risk.</p> <p><u>Deliverable 2:</u> Report with main results of hydrological calculations of the water regime for different hydrological conditions - maximum water discharges of spring floods of 0.5%, 1%, 10% probability. Set of flood maps for territory of the HPP. The report will contain a review of impacts on the hydrological regime change on the water use, water quality and overall ecology of the river.</p> <p>Phase 3: Correction of the delineation of water bodies and development new map of water bodies for Upper Dnieper basin. Revision of the ecological status of water bodies (including results of 4-th field survey). Revision and amendment of the Programme of measures.</p> <p><u>Deliverable 3:</u> Report containing description of the receiving results and amendment to PoM.</p>
Photos	 <p>River Dnieper downstream Bykhov (place of Bykhov HPP)</p>