



This project is funded by
The European Union

Environmental Protection of International River Basins Project



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

Pilot project fiche Pilot project 2 in Belarus (PPBY02)

Country	Belarus
Name	<i>Flood risk assessment and mapping of the Upper Dnieper basin, including determination most at risk areas, field surveying of critical sites, mapping and initial design of protection measures</i>
Contact person:	Alexandr Stankevich aps_stankevich@mail.ru
Budget	30,000 Euro
Timing	8 September 2014 – 31 August 2015
Short description	Flood hazard and flood risk maps are an effective tool for information about floods according with EU Flood Directive. Dobrush - the district center in Gomel region was selected as territory of pilot project by reason of most affected by flooding city in upper Dnieper basin in Belarus Territory of Dobrush belongs to Iput river and its tributary Horopot watersheds. The main aim of the pilot project is a development preliminary programme of measures to improve the flood situation for territory of Dobrush based on flood hazard and flood risk maps.
Outputs	<p>Deliverable 1: Inception report, containing implementation strategy and data needs</p> <p>Deliverable 2: Report with Dobrush watercourses flow calculations, outlining maximum water discharges of spring floods of 0.5%, 1%, 10%, 25% probability and maximum water discharges of flash floods with 10% probability</p> <p>Deliverable 3: GIS layers of raster in scale 1:10 000 and DEM of pilot territory</p> <p>Deliverable 4: Field survey report outlining cross-section measurements at Dobrush watercourses and definition of flow velocity regime at cross-section points</p> <p>Deliverable 5: Report with Dobrush watercourses hydraulic calculations, outlining maximum water levels of spring floods of 0.5%, 1%, 10%, 25% probability and maximum water levels of flash floods with 10% probability.</p> <p>Deliverable 6: Set of flood hazard maps for Dobrush for spring floods of 0.5%, 1%, 10%, 25% probability and flash floods with 10% probability in GIS and pdf formats.</p> <p>Deliverable 7: Set of flood risk maps for Dobrush for spring floods of 0.5%, 1%, 10%, 25% probability and flash floods with 10% probability in GIS and pdf formats.</p> <p>Deliverable 8: Report containing preliminary programme of measures to improve the flood situation</p>

Photos

