

ROADMAP FOR AN ACTION

Action 4: ***“To continue boosting major investments in building and upgrading urban wastewater treatment facilities across the Danube Basin, including measures to build capacity at the regional and local level for the design of such infrastructure”.***

Action - ***“To continue boosting major investments in building and upgrading urban wastewater treatment facilities across the Danube Basin, including measures to build capacity at the regional and local level for the design of such infrastructure”***, Requirements under EU environmental legislation need to be fully met and EU funding possibilities need to be used effectively in order to ensure full primary, secondary and tertiary treatment as foreseen in EU legislation. In addition, the Danube countries which are not members of the EU are also being urged to speed up their investments in WWTP, as they pledged to do when adopting the DRBMP at the end of 2009. This need is particularly acute in large agglomerations such as the city of Belgrade. A full list of the facilities needed is available from ICPDR
→ Example of project - ***“To implement the Blue Danube cooperation project to exchange technologies, experience and personnel in the field of urban waste water treatment”***. The project initially involves the Danube cities of Ulm and Vidin and looks in particular at new technologies aimed at removing waste from pharmaceutical products. (Lead : University of Ulm; Deadline : 2014)

Milestone n°1: Updating for upgrading of UWWT

Work: Update of the urban wastewater treatment plants implementation in the DRB as an input into 2012 Implementation Report on JPM

Output: Input into 2012 WFD Implementation Report

Responsible: ICPDR

Deadline: Sept 2012

Step 1: Information on national level of UWWTPs

Output: Collection of national information on the status of achieving UWWTP and make proposals on upgrading technology of UWWT Plants if needed to implement objectives committed in the 1st DRBMP

Responsible: ICPDR

Deadline: end 2012

Step 2: Revision and update of the ICPDR database on investments

Output: Update of databases related to the UWWT plants in the DRB

Responsible: ICPDR

Deadline: end 2013

Milestone n°2: Facilitate of funding seeking

Work: Facilitate dialogue among donors and IFTs on financing options of the urban wastewater treatment plants in the DRB

Output: Financing options available, Assistance related to technical and funding gaps available

Funding: MS, EIB BDCP

Responsible: ICPDR

Deadline: Sept 2012

Step 1: Workshop for financing

Output: Mobilization of financing of municipal investments through a workshop

Funding: MS, EIB BDCP

Responsible: ICPDR

Deadline: Sept 2012

Milestone n°3: Technology developments

Work: To promote investments to foster penetration, where necessary, of improved UWWT technology based on research or already proved “state of the art” technologies.

Output: Improving of UWWT technologies and “know-how” transfer in the Danube Region

Funding: MS, EIB BDCP

Responsible: EUSDR Countries,

Deadline: 2015

Project 1: Membrane technology for specific contamination

Output: New technology transfer to UWWTPs for non-eligible purification level or specific contamination

Status of the project: planned project

Funding: EIB BDCP

Responsible: Project leader(s)

Deadline: 2015

Project 2: Blue Danube – “Improved framework conditions for fast track eco-innovation in waste water treatment”

Output: Applied research, development and technology transfer in the general field of micro and nanotechnology.

Status of the project: submitted project

Funding: LIFE+

Responsible: Germany (Ulm), Bulgaria (Vidin)

Deadline: 2015