



PROJECT INFORMATION

Feasibility Study and Conceptual Proposal for a Series of Seminars to promote climate-friendly Sewage Treatment



Waste water treatment plant in
need of renovation

Source: Kerstin Krüger

Updated: March 2015

Target country/region: Republic of
Moldova

Duration: 10/2014 – 02/2015

Beneficiary: Experts of the Ministry of
Environment, Decision Makers of the
local authorities, e.g. Directors of
water works corporations and
Mayors

Implementing organisations: aqua
consult Ingenieur GmbH, Spelleken
Assoc. Moldova

Project number: 47225

Background

The Republic of Moldova develops towards the European Union with high ambitions for environmental protection. Since the collapse of the Soviet Union the situation of wastewater technique worsened. Existing plants fall apart or do not fulfill modern requirements. Wastewater is discharged untreated into rivers; ordered sludge storage is nonexistent. This leads to the pollution of groundwater and surface water as well as air pollution caused by the uncontrolled release of greenhouse gases. The use of improved technology and integrated planning and the adoption of climate-friendly and energy-efficient solutions are necessary.

Project details

The project developed a feasibility study on the current environment for the implementation of modern sewage-treatment possibilities in the country. This points to gaps and gives concrete recommendations for further actions. The core message of the study aims towards a successful communication about innovative planning of adequate treatment plants in the Republic of Moldova. The project developed a concept for an experts-dialog at the local and national level, approaching the implementation and operation of possible solutions. It further proposed the establishment of a professional association for wastewater treatment between local experts, to achieve comprehensive and objective information on modern wastewater treatment, forms of and possibilities within the use of sewage sludge and waste, e.g. by innovative co-fermentation. In a feedback workshop at the end of the project, the results of the study were confirmed and supplemented by the invited experts. This enabled to create a realistic basis for the further discussion and design of a lecture series with a strong training mission.

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Advisory Assistance Programme

(AAP) for environmental protection
in the countries of Central and
Eastern Europe, the Caucasus and
Central Asia and other countries
neighbouring the European Union –
a programme of the Federal Ministry
for Environment, Nature Conserva-
tion, Building and Nuclear Safety

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