



PROJECT INFORMATION

Exchange of experiences on water monitoring in accordance with the Water Framework Directive in Bulgaria



Exchanging experiences on
chemical monitoring in fish

Source: Fraunhofer IME

Background

Since its accession to the European Union (EU) Bulgaria is obliged to transpose the EU Water Framework Directive (WFD) 2000/60/EC into national law and to implement it. The purpose of this directive is to protect and improve the status of aquatic ecosystems and to promote the sustainable use of water as a resource on a long-term basis. To assess the chemical status of water bodies, measured concentrations of pollutants are compared with the environmental quality standards as specified in the Directives 2008/105/EC (in parts amended by 2013/39/EU) and 2009/90/EC. In Bulgaria, the Executive Environment Agency with its central laboratory for water analysis in Sofia and its 14 regional laboratories is responsible for monitoring the water status. With regard to the use of suitable sensitive analytical methods for monitoring, the Executive Environment Agency asked for an exchange of experiences with renowned laboratories in Germany.

Project details

The aim of the project was to support the Executive Environment Agency of Bulgaria in enhancing its capabilities in the chemical analysis of surface water. For this purpose the German Environment Agency (UBA) coordinated a practice-oriented exchange of experiences with different German laboratories as well as training courses on subjects relevant to WFD monitoring for personnel of the laboratories in Burgas, Pleven, Plovdiv, Sofia, Stara Zagora and Varna. The analytical methods have been optimised in accordance with WFD requirements in the Bulgarian laboratories. The acquired knowledge can be handed on to other colleagues in Bulgaria with the help of the training materials of this project.

Updated: November 2018

Target country: Bulgaria

Duration: 08/2012 – 11/2018

Beneficiaries: Laboratories for water analysis of the Executive Environment Agency

Implementing organisations:

LfU Bavarian Environment Agency, Fraunhofer IME, IWW Rheinisch-Westfälisches Institut für Wasser Beratungs- und Entwicklungsgesellschaft mbH, ÖHMI Analytik GmbH, T.E.A.M. Ltd.

Sub-project numbers:

22146, 22704, 44970, 44971, 44972, 76428, 85867

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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 Conservation and Nuclear Safety

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