

1. Country/Organization:

Please indicate your name, organization and country.

Bohumir Dusek, Ministry of the Environment, Czech Republic

2. Title of the action committed to in 2011 (see the annex)

Water quality and quantity monitoring and assessment

3. Overview of progress made

(a) *Has the action been implemented?*

Yes / In progress / No

The purpose of water monitoring is to study the condition of surface water and groundwater. The results are evaluated and if necessary, measures are proposed aiming at achieving a good water condition or good ecological potential. In the next step, the monitoring is used for inspecting the effectiveness of the measures implemented.

The majority of the waters are monitored in compliance with Directive 2000/60/EC of the European Parliament and of the Council of 23 October 2000, establishing a framework for Community action in the field of water policy (the Water Framework Directive). However, there are exceptions, such as the drinking water from end consumers' taps. In the case of surface waters, the chemical condition (so-called priority substances) and the ecological condition (biological components, hydromorphology, and certain physical and chemical parameters) are monitored. The quantitative and chemical conditions are monitored for groundwater.

(b) *What challenges were encountered during the implementation of the action? What lessons were learned?*

Water monitoring is carried out in accordance with approved water monitoring programs regulated by the Decree No. 98/2011 Coll., which addresses the assessment of surface water bodies' status, and Decree No. 5/2011 Coll., which addresses the designation of ground water bodies and their status. Last updated monitoring program Framework was approved on 31.1.2013. Surface water monitoring program provides comprehensive compliance with both European and national legislation regarding water bodies' status assessment.

(c) *What future steps, if any, are planned in relation to the action implementation/follow up?*

Within the implementation of the Programs on surface water monitoring it is necessary to ensure that monitoring is carried out at each monitoring site in each relevant matrix, in the frequency and scale of the needs, and in accordance with relevant European legislation.

4. Usefulness of the Astana Water Action

Please indicate how strongly you agree or disagree with the following statements and provide an explanation, as appropriate.

(a) *The Astana Water Action was useful to strengthen political support related to sustainable water management issues:*

strongly agree / somewhat agree / somewhat disagree / strongly disagree

(b) *The Astana Water Action has helped my country to comply with its international obligations:*

strongly agree / somewhat agree / somewhat disagree / strongly disagree

(c) *Would your country be interested in continuing to submit and monitor new actions within the AWA framework in the future?*

Yes / No