

TEMPLATE

Output factsheet: Strategies and action plans

Version 1

| | |
|--|---|
| Project index number and acronym | CE32 AMIIGA |
| Lead partner | Central Mining Institute |
| Output number and title | O.T3.1.1 Management Plan |
| Responsible partner (PP name and number) | PP4 The City of Novy Bydzov |
| Project website | http://interreg-central.eu/Content.Node/AMIIGA.html |
| Delivery date | 08/2019 |

Summary description of the strategy/action plan (developed and/or implemented)

The improper handling of hazardous compounds (such as chlorinated hydrocarbons, mineral oils etc.) caused during the communist period (1948-1989) uncontrolled contamination of Quaternary aquifer in the Functional Urban Area Novy Bydzov (Czech Republic). Environmental burns threaten public health, preventing residents use groundwater for drinking and utility water, complicating prepared investment projects in Novy Bydzov area and affecting the quality of surface water of the river Cidlina that represents the main drainage bases of Quaternary aquifer in region. The City of Novy Bydzov (partner PP4) as "a problem owner" is obligated to undertake measures to protect the public health and environment in the FUA. The project AMIIGA has helped to develop a strategic management tool to deal with groundwater contamination in the FUA Novy Bydzov, in order to reach the remediation targets in a reasonable time. Within the technical work package 3 (WP T3), the Management plan for the FUA Novy Bydzov was developed, considering technical, financial and legal aspects. A Regional Implementation Group (RIG) was established in Novy Bydzov, with the aim to contribute to Management plan development and to guarantee its proper implementation. RIG accompanied and supported the whole process and provided specific advice to upcoming questions. With the aim of AMIIGA project Novy Bydzov has developed the Management plan which was subsequently approved by RIG, by the Council of the City Novy Bydzov and finally by representatives of the Region of Hradec Kralove. The effort of Novy Bydzov was crowned with the approval of MP by the Czech Ministry of Environment, which proposed to allocate 3.2 million euros for the removal of pollution in FUA Novy Bydzov for next period (2019-2023).

NUTS region(s) concerned by the strategy/action plan (relevant NUTS level)

Nuts0: CZ, CZECH REPUBLIC
Nuts1: CZ0, Česká Republika
Nuts2: CZ05, Severovýchod
Nuts3: CZ052, Královéhradecký kraj

Expected impact and benefits of the strategy/action plan for the concerned territories and target groups

The process of preparation of the Management Plan (MP) for FUA Nový Bydžov (NB), enabled the involvement of all decisive parties (political representations, specialized companies, citizens, etc.) in the elaboration of the final MP, which gained wide support at local, regional and nationwide level. After approval of the MP by the City Council of NB, followed by approval of the representation of the Hradec Kralove Region, City of NB submitted an application for support from the State Environmental Fund of the Czech Republic to support the implementation of complete pollution removal in urban area of the FUA NB. The application was recommended by the Czech Ministry of the Environment and the City of NB received EUR 3.2 million to implement the MP and to remove groundwater pollution that endangers the health of people, groundwater and surface water, but also further development of FUA NB.

Sustainability of the developed or implemented strategy/action plan and its transferability to other territories and stakeholders

The developed tool Management Plan and strategy leading to the preparation, discussion, processing and subsequent approval of the Management Plan provides other local and regional authority bodies with an effective means for a long-term and sustainable solution to the correction of groundwater pollution at Functional Urban Areas (FUAs). The countries of the European Union have similar legislative regulations on which the developed tool and strategy are based therefore the developed tool - Management Plan have a high potential for use in other EU territories to address groundwater pollution remediation in FUAs.

Lessons learned from the development/implementation process of the strategy/action plan and added value of transnational cooperation

International cooperation has shown to the project partners that many regions of the European Union are dealing with groundwater pollution that endangers human health, drinking water resources, the environment and other FUA economic and social development. The common basis of legislation in EU countries has allowed partners to find ways together to address long-term groundwater pollution remediation at FUAs, although these areas are far apart in different countries. All project partners were equally involved in the development of the key outcome of the AMIIGA project - Management plan, separate plans were created for each pilot site according to the same principles and their final form was discussed by all partners, and the partners enriched each other with valuable knowledge and experience.

References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

- D.T3.1.1 Framework and background of the pilot site for Management plan
- D.T3.1.2 Draft of Management plan for Nový Bydžov
- D.T3.1.3 Final Management plan for Nový Bydžov – Abstract in English <https://www.interreg-central.eu/Content.Node/AMIIGA.html>
- D.T3.2.1 Workshop on framework and background of the pilot sites
- D.T3.2.2 Workshop on draft of the Management plan
- D.T3.2.3 Workshop on finalization and approval of the Management plan
- D.T3.2.4 Report on management of the RIG on FUA level
- D.T3.3.1 Report of kick-off workshop on Management plan methodology
- D.T3.3.2 Questionnaire on local experiences on Management plans
- D.T3.3.3 Assessment workshop on draft of Management plans
- D.T3.3.4 Assessment report on the survey outputs
- D.T3.3.5 Exchange of experiences made with the development and approval process of the management plans
- D.T3.3.6 Good practice report <https://www.interreg-central.eu/Content.Node/AMIIGA.html>
- D.T3.3.7 Management Strategy (how to develop a Management plan) <https://www.interreg-central.eu/Content.Node/AMIIGA.html>
- D.T3.4.1 Trainings of practitioners on Management plan development
- D.C4.1 Webinar (Management plan for Nový Bydžov) in Czech and English <https://www.interreg-central.eu/Content.Node/AMIIGA.html>

All mentioned deliverables have been uploaded to the eMS and can be requested at: petr.kohout@forsapi.cz