

NORTH WEST MILAN MANAGEMENT PLAN (IT)

Output factsheet: Strategies and action plans

Version 1

Project index number and acronym	CE32 AMIIGA
Lead partner	Central Mining Institute
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Responsible partner (PP name and number)	PP6 Lombardy Region
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Summary description of the strategy/action plan (developed and/or implemented)

The strategic aim of the Management Plan is to protect the public health and increase the awareness of the population on groundwater pollution in Milan North-West pilot area. Being the goal very general, the Plan mainly focused on to secure good groundwater quality and reach the good ecological status of groundwater by 2027 (2000/60/EC, PTUA) and to comply with the threshold set by the Italian Environmental Code 152/2006. To this purpose, operative goals and the related specific measures have been defined:

- Guarantee the quality of drinking water and the safety of the water uses
 - o Protection of water supply system
- Manage the groundwater pollution
 - o Actions on known plumes
 - o Management of diffuse pollution
- Prevent further contamination
 - o monitoring the quality of groundwater.

Specific measures have also been introduced to increase the awareness of the population to the groundwater contamination.

Actions will be implemented during the all life of the Management Plan and will be eventually revised after 6 year during the review of the Regional Plan for Water Protection.

Moreover, additional measures have been introduced to ensure the implementation of the measures and to evaluate their effectiveness. To ensure the implementation of the plan, the duties and responsibilities are set for each public body involved have been defined. The effectiveness of the measures will be guarantee by the Regional Implementation Group, firstly in charge for drafting the Management plan, then, after its approval by the regional government, appointed for the implementation of the plan and, if needed, the modification, integration, revision of the measures.

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

ITC41 - Varese
ITC4C - Milano
ITC4D - Monza e della Brianza

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

The implementation of the action plan will have important impacts and benefits both for the concerned territories and target groups. The aim of the plan is, in fact, to implement measures aimed to guarantee the quality of drinking water and the safety of the water uses, to manage the groundwater pollution and to prevent further contamination. The implementation of the measures will have positive impact on the health of the population living in the area, the control and the management of the current contamination will allow to prevent further pollution and to intervene quickly in case of peak of contamination and the raising risks for the safety of the drinking water. Moreover, the joint and shared work made in the RIG gave valuable impulses and motivated the participants to get involved in the implementation of the Management Plan, enriched their knowledge on groundwater pollution on the area the technical and scientific instruments to cope with diffuse pollution and enforced the cooperation among the bodies.

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

The action plan developed is sustainable: the actions putted in force are sustainable and aimed to improve the quality of groundwater, this goes in sustainability direction.
The strategic approach used is general, has a general value, and then can be transferred profitably to other areas or territories without significant modifications. Moreover, both administrative and technical methodologies adopted have a general value and then they can be transferred profitably to other areas or territories. Administrative procedures could be transferred as they are, although their simplification on the light of gained experience even it is recommended.
Measures also are general, although calibrated considering the specific situation of the pilot area, can be easily transferred to other territories.

Lombardy Region approved the management plan and will coordinate and finance the activities needed to enact the measures and their follow-up in the next years. Actions will be implemented by the Municipalities, the 2 Provinces, ARPA, 2 Water Supply Providers (see DT313 - English summary, paragraph 5).

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

Important lessons have been learned from the development and implementation process of the action plan: many unpredictable problems emerged and took significant effort to be overtaken. This is the case of the definition of the contamination assessment during the development phase: the data collection and the databases implementation took more than the expectable efforts. The same is for the definition of the responsibilities of each public body in the plan implementation: some of the measures request the intervention of public bodies that do not have responsibilities in the issue from their institutional mandate.

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 the management plan
- D.T3.1.2 - Draft of management plan for pilot sites
- D.T3.1.3 - Finalizing and approval of management plan for pilot sites and synthesis report
 - Report in Italian [Download](#)
 - Abstract in English [Download](#)
- 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.T3.3.1 - Report of kick-off workshop on management plan methodology
- 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 practise report on groundwater management plan
- D.T3.3.7 - Management Strategy on groundwater contamination in Functional Urban Areas of Central Europe
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- D.T3.4.1 - Trainings documentation