

15. PROGRAMME OF MEASURES

Description of the Programme of Measures

The purpose of the programme of measures is to achieve the environmental objectives based on the economic rationality and sustainability criteria. Therefore, to achieve good status in all water bodies, the most adequate measures have been combined taking into consideration economic, social and environmental aspects, taking into account the cost and efficiency of the measures. The river basin Organisation is responsible for the process of integration and coordination of the programmes conducted by the different competent administrations, while it is the task of the Competent Authorities Committee to enable the conduct of this process.

The total planned investment of the programme of measures in the period between 2016 and 2027 amounts to approximately 2,240 million euro.

Typology of measures	Investment 2016-2021 millions of euro	Investment 2022-2027 millions of euro
01. Point-source pollution reduction	357.58	163.97
02. Diffuse pollution reduction	8.87	5.10
03. Pressure reduction by water abstraction	258.05	268.87
04. Morphological	68.33	67.39
05. Hydrological	6.20	0.10
06. Conservation and improvement measures for the structure and function of aquatic ecosystems	4.09	2.54
07. Other measures: Measures associated with impacts	267.80	93.66
09. Other measures (not directly associated with pressure or impacts): Specific measures of protection of drinking water	135.12	128.83
10. Other measures (not directly associated with pressure or impacts): Specific measures for priority substances	1.55	0.39
11. Other measures (not directly associated with pressure or impacts): Governance	43.62	30.91
12. Increase in available resources	78.64	231.23
19. Measures to fulfil other uses associated with water	0.49	16.85
TOTAL	1,230.36	1,009.83

Implementation outlooks of the programme of measures in million euro (at constant prices of 2012).



Water bodies on which the measures are implemented



Image: Waste-water treatment plant of La Vall d'Uixo

The measures included within the “Reduction of point-source pollution” type involve an investment of approximately 520 million euro. It primarily involves waste water sanitation and treatment measures, although point-source pollution reduction measures from unit system discharges are also included in this type.



Images: modernisation works of the Acequia Real del Júcar in Alzira

The modernisation of irrigated areas is considered key in the Júcar River Basin District. The agricultural sector in the District's scope has a significant economic, social and cultural weight, while it is also the primary water consumer in the District.

The modernisation of irrigated lands allows in many cases to save water consumption, which enables to improve the management and efficiency of water resources; therefore, such savings may help achieve the environmental objectives both in underground and in surface water bodies.

In addition, the modernisation of irrigated lands may involve a reduction of diffuse pollution (primarily nitrates), which arrive to water bodies either by infiltration or run-off.



Image: Sellent River in Carcer, before and after an action

The Programme of Measures includes restoration and improvement measures for the riverbank vegetation with the objective of eliminating invasive plants or plants that are outside their natural habitat and that alter the hydro-morphological conditions of rivers and of reintroducing native riverbank vegetation.

