




PROJECT:

EastMed Pipeline Project






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ANNEX 8 O 1ST UPDATE OF RIVER BASIN MANAGEMENT

PLANS - PROGRAMME OF MEASURES

1.1 1st Revision of the Management Plan of Crete RBD (EL 13)

Implementation timetable

The measures are divided into the following implementation timetable categories:

- Shortterm: Immediate implementation is possible
- Medium term: Implementation within 2 years
- Longterm: Their implementation requires more than 2 years

Implementing bodies

For each measure, the implementing bodies are presented. The national legislation details the jurisdictions of each implementing body. Each measure can be implemented from additional implementing bodies, not mentioned below, if this derives from the legal framework.

New projects and activities

In the present Programme of Basic and Supplementary measures specific restrictions or requirements are set for “new” projects and activities. These restrictions or requirements do not apply on projects and activities that are already operational or under construction or have already secured funding or have at least one administrative act approved.

1.1.1 Actions implementing EU Directives (Group I of Basic Measures)

The following table lists the provisions for the incorporation of the EU Directives into National Law. In the column of directives the amendments to these Directives from 2000 onwards are also mentioned.

Table 1-1 Provisions for the incorporation of the EU Directives into National Law

DIRECTIVE	INCORPORATION INTO NATIONAL LAW
Bathing Water Directive (2006/7/EC)	JMD 8600/416/E103/23.02.2009 (GG 356/B/2009) concerning the “quality and management measures of Bathing waters in compliance with the provisions of Directive 2006/7/EC “concerning the management of bathing waters quality and repealing Directive 76/160/EEC”” as amended and in force.
Birds Directive (2009/147/ EC) and Habitats Directive (92/43/EEC)	JMD 37338/1807/E103/1.9.2010 (GG 1495/B/2010) “Determination of measures and procedures for the conservation of wild birdfauna and its habitats, in compliance the provisions of Directive 79/409/EEC “on the conservation of wild birds”, of the European Council of 2 April 1979 as codified in Directive 2009/147/EC” and its amending JMD 8353/276/E103/2012 (GG 415/B/2010) JMD 33318/3028/11.12.1998 (GG 1289/B/1998) “Determination of measures and procedures for the conservation of natural habitats and wild fauna and flora” and its amendment JMD 14849/853/E103/2008 (GG 645/B/2008) in compliance with the Directive 92/43/EEC “on the conservation of natural habitats and of wild fauna and flora”. Law 3937/2011 (GG 60/A/2011) “Biodiversity conservation and other provisions” JMD 50743/2017 (GG 4432/B/2017) “Revision of the national list of sites of the Natura 2000 European Ecological Network”
Drinking Water (Directives 98/83/EC, 2015/1787/EU)	JMD no. C1 (d)/ 67322/06.09.2017 (GG 3282/B/2017) “Quality of water intended for human consumption in compliance with the provisions of Directive 98/83/EC of 3 November 1998 as amended with Directive 2015/1787/EU (L260/7.10.2015)”
Environmental Impact Assessment from Projects/ Activities	Law 4014/2011 (GG 209/A/2011) “Environmental licensing of projects and activities, regulation of arbitrary in connection with the creation of an

DIRECTIVE	INCORPORATION INTO NATIONAL LAW
(Directives 2011/92/EU, 2014/52/EU)	environmental balance and other provisions of competence of Ministry of Environment”
Prevention – Control of Pollution (Directive 2010/75/EU)	JMD 36060/1155/E.103/2013 (GG 1450/B/2013) “Setting a framework of rules, measures and procedures for the integrated prevention and control of environmental pollution from industrial activities, in compliance with the directive 2010/75/EU “on industrial emissions (integrated prevention and control of pollution)” of the European Parliament and of the Council of 24 November 2010”
Protection from Nitrates (Directive 91/676/ EEC)	JMD 16190/1335/19.05.1997 (GG 519/B/1997) “Measures and conditions for the protection of waters against pollution caused by nitrates from agricultural sources” MD. 19652/1906/1999 (GG 1575/B/1999) “Identification of waters that are affected by pollution caused by nitrates from agricultural sources – Designation of vulnerable zones, in accordance with paragraphs 1 and 2 of article 4 of JMD 16190/1335/19.05.1997 “Measures and conditions for the protection of waters against pollution caused by nitrates from agricultural sources”(B 519). Amendment of articles 3,4,5 and 8 of the decision” as amended by MD 20419/2522/2001 (GG 1212/B/2001) , MD 24838/1400/E103/2008 (GG 1132/B/2008) , MD 106253/2010 (GG 1843/B/2010) , MD 190126/2013 (GG 983/B/2013) , MD 147070/2014 (GG 3224/B/2014) and in force. MD 1420/82031/2015 (GG 1709/B/2015) “Code of Good Agricultural Practice for the protection of waters against pollution caused by nitrates from agricultural sources” as amended by MD 2001/118518/2015, (GG 2359/B/2015) “Amendment of Deputy Minister for Productive Reconstruction, Environment and Energy Decision 1420/82031/2015 (GG 1709/B/2015) “Code of Good Agricultural Practice for the protection of waters against pollution caused by nitrates from agricultural sources””
Plant Protection Products (Directive 2009/128/EC, Regulation (EC) No. 1107/2009, Regulation (EU) No. 652/2014)	Law 4036/27.01.2012 (GG 8/A/2012) “Placing of pesticides on the market, rational use and relevant provisions” as amended and in force.
Responding to the risks of major accidents (Directive 2012/18/EU)	JMD 172058/2016 (GG 354/B/2016) “Determination of rules, measures and conditions for the control of major-accident hazards involving dangerous substances in facilities or units , in compliance with the provisions of Directive 2012/18/EU “on the control of major-accident hazards involving dangerous substances, amending and subsequently repealing Council Directive 96/82/EC” of the European Parliament and of the Council of 4 July 2012. Replacement of no. 12044/613/2007 (376/B2007), as corrected (GG 2259/B/2007)”
Sewage sludge (Directive 86/278/EEC)	JMD 80568/4225/05.07.1991 (GG 641/B/1991) “Methods, conditions and restrictions for the use of sewage sludge from domestic and urban waste waters in agriculture”
Urban Waste Water Treatment (Directives 91/271/ ECC, 98/15/ EC)	JMD 5673/400/05.03.1997 (GG 192/B/1997) “Measures and conditions for Urban Waste Water Treatment” and its amending decisions MD 19661/1982/2.8.1999 (GG 1811/B/1999) and MD 48392/939/28.3.2002 (GG 405/B/2002)

The planned actions for the implementation of the Community and National Legislation on water protection are listed in the following table.

Table 1-2 Actions for the implementation of EU Directives

DIRECTIVE	PLANNED ACTIONS	IMPLEMENTING BODIES
Bathing Water (Directive 2006/7/ EC)	<ul style="list-style-type: none"> Continue to monitor the quality of bathing waters in accordance with Directive 2006/7 / EC. 	SSW, Directorate of Water of the Decentralized Administration of Crete
	<ul style="list-style-type: none"> Updating the Bathing Water Register 	
Protection of wild birds (Directive 2009/147 / EC) and habitats (Directive 92/43 / EEC)	<ul style="list-style-type: none"> Establishment/ approval of Management Plans for protected areas of Natura 2000 Network directly related with water, with particular reference to water management issues. 	Ministry of Environment and Energy, Management Bodies of Protected Areas
	<ul style="list-style-type: none"> Monitoring/Assessment of the conservation status of habitats and species directly depending on water in Natura 2000 sites. 	
Environmental Impacts from Projects/ Activities (Directives 2011/92/EU, 2014/52/EU)	<ul style="list-style-type: none"> Amendment of the MD 170225/2014 (Specifications for the contents of environmental licensing dossiers for projects and activities of A category) so that for certain projects categories, which should be identified beforehand, to make the following mandatory: <ul style="list-style-type: none"> Emissions of pollutants by category, Impacts of pollution impacts on WBs defined in the Management Plans and Comparison of these concentrations to the Environmental Quality Standards. Establishment of a monitoring program and notification of its results to the relevant Water Directorate. 	Ministry of Environment and Energy
Prevention – Control of Pollution (Directive 2010/75/EU)	<ul style="list-style-type: none"> Keeping records – registry of facilities included in the provisions of Directive 	Decentralized Administration of Crete (Directorate of Spatial and Environmental Policy)
Protection from Nitrates (Directive 91/676/ EEC)	<ul style="list-style-type: none"> Delimitation of a new vulnerable zone GWB “PORODES IERAPETRAS-KENTRIOU” (code EL1300121) 	SSW, Ministry of Rural Development and Food
	<ul style="list-style-type: none"> For the area of" PORODES IERAPETRAS-KENTRIOU ", as well as for the Messara area, which has already been included in the vulnerable zones, it is necessary to establish Action Programs and to take any additional supplementary measure or reinforced action, in accordance with article 5 of JMD 16190/1335/1997. The study on the drafting of Action Programs in all vulnerable zones of the Country has been entrusted by the Ministry of Rural Development and Food to the Agricultural University and is under implementation. 	Ministry of Rural Development and Food
	<ul style="list-style-type: none"> Systematic monitoring of nitrate levels in WBs that are or may be subjected to nitrate pollution 	SSW, Ministry of Rural Development and Food

DIRECTIVE	PLANNED ACTIONS	IMPLEMENTING BODIES
Plant Protection Products (Directive 2009/128/EC, Regulation (EC) No. 1107/2009, Regulation (EU) No. 652/2014)	<ul style="list-style-type: none"> Rational use of plant protection products 	Ministry of Rural Development and Food
Responding to the risks of major accidents (Directive 2012/18/EU)	<ul style="list-style-type: none"> Keeping records – registry of facilities included in the provisions of Directive 	Decentralized Administration of Crete (Directorate of Spatial and Environmental Policy)
Sewage sludge (Directive 86/278/EEC)	<ul style="list-style-type: none"> Setting up a JMD, on measures, conditions and procedures for the use of sludge from domestic and urban wastewater treatment and certain wastewater, in compliance with the provisions of Directive 86/278/EEC and in replacement of JMD 80568/4225/1991 and promotion of actions related to the safe disposal of treated sludge. 	Ministry of Environment and Energy
Urban Waste Water Treatment (Directives 91/271/ ECC, 98/15/ EC)	<ul style="list-style-type: none"> Completion of sewerage and waste water treatment projects of settlements that concerns the provisions of the Directive (covering all agglomerations with a population greater than 2,000 equivalent residents.). 	Region of Crete, MEWSS, Municipalities
	<ul style="list-style-type: none"> Reinforcement of actions that control the effective operation of existing wastewater treatment and drainage projects. 	Region of Crete

1.1.2 Basic Measures of other Categories (Group II of Basic Measures)

Table 1-3 Basic measures of other categories

Code - Name of Measure	Category	Connection with the 1 st RBMP	Implementing Bodies
M13B0201 Update of the organizational function of Organizations of Land Reclamation for the compliance with the financial and other management data in order to meet the requirements of the Decision No. 135275 (GG 1751/B/2017) of the National Water Committee “Adoption of general costing and pricing rules for water services. Method and procedures for recovering the cost of water services in its various uses”	Measures to implement the cost recovery principle of Water Services (Article 9)	New measure	Organizations of Land reclamation (Local, General), Region of Crete, Ministry of Environment & Energy (Special Secretariat for Water), Ministry of Rural Development & Food
M13B0202 Upgrade of the organizational function of Municipal Water Supply and Sewerage Companies , for the compliance with the financial and other management data in order to	Measures to implement the cost recovery principle of Water Services (Article 9)	New measure	Municipal Water Supply and Sewerage Companies, Ministry of Environment & Energy (Special Secretariat for

Code - Name of Measure	Category	Connection with the 1 st RBMP	Implementing Bodies
meet the requirements of the Decision No. 135275 (GG 1751/B/2017) of the National Water Committee "Adoption of general costing and pricing rules for water services. Method and procedures for recovering the cost of water services in its various uses"			Water), Ministry of Interior
M13B0203 Upgrade of the organizational function of Local Administration Authorities , for the compliance with the financial and other management data in order to meet the requirements of the Decision No. 135275 (GG 1751/B/2017) of the National Water Committee "Adoption of general costing and pricing rules for water services. Method and procedures for recovering the cost of water services in its various uses"	Measures to implement the cost recovery principle of Water Services (Article 9)	New measure	Local Administration Authorities, Ministry of Environment & Energy (Special Secretariat for Water), Ministry of Interior
M13B0204 Training and education of all the stakeholders (Decentralized Administrations, Regions, Municipal Water Supply and Sewerage Companies, Organizations of Land Reclamation, Local Administration Authorities) for the implementation of the requirements of the Decision No. 135275 (GG 1751/B/2017) of the National Water Committee "Adoption of general costing and pricing rules for water services. Method and procedures for recovering the cost of water services in its various uses"	Measures to implement the cost recovery principle of Water Services (Article 9)	New measure	Ministry of Environment & Energy (Special Secretariat for Water),
M13B0301 Implementation / Update of General Public Water Supply Masterplans	Measures to promote efficient and sustainable use of water, in order not to jeopardize the achievement of the objectives of the Directive (Article 4)	Specialization of measure OM03-02	MEWSSs, Municipalities, Public water suppliers, Decentralized Administration (Water Directorate)
M13B0302 Actions for the reinforcement, rehabilitation, modernization of public water supply networks and leakage control	Measures to promote efficient and sustainable use of water, in order not to jeopardize the achievement of the	Amendment /Specialization of measures OM02-02, SM11-01, SM11-02, SM11-04 and SM11-06	Municipalities, MEWSSs, Public water suppliers, Region of Crete, Decentralized Administration (Water Directorate)

Code - Name of Measure	Category	Connection with the 1 st RBMP	Implementing Bodies
	objectives of the Directive (Article 4)		
M13B0303 Increase the efficiency of water use in land reclamation infrastructures	Measures to promote efficient and sustainable use of water, in order not to jeopardize the achievement of the objectives of the Directive (Article 4)	Amendment /Specialization of measures OM02-03, OM02-09, OM02-10, SM11-02, SM11-03 and SM11-05.	Ministry of Rural Development and Food, Region of Crete
M13B0304 Investments for saving water in agriculture	Measures to promote efficient and sustainable use of water, in order not to jeopardize the achievement of the objectives of the Directive (Article 4)	Amendment /Specialization of measures OM02-10, OM02-11 and OM02-12	Individuals, Irrigation water providers, Ministry of Rural Development and Food, Region of Crete
M13B0305 Determination of maximum irrigation requirements for crops for private water abstractions	Measures to promote efficient and sustainable use of water, in order not to jeopardize the achievement of the objectives of the Directive (Article 4)	Amendment /Specialization of measure OM04-02	Decentralized Administration (Water Directorate), Directorate of Agricultural Economy & Veterinary of the Region of Crete
M13B0306 Reinforcement of actions of loss reduction on collective irrigation networks	Measures to promote efficient and sustainable use of water, in order not to jeopardize the achievement of the objectives of the Directive (Article 4)	Amendment /Specialization of measure OM02-09	General Organizations of Land reclamation, Local, Organizations of Land reclamation, Municipalities, Collective Irrigation Networks, Region of Crete
M13B0307 Implementation of a manual of technical specifications for the application of water reuse methods	Measures to promote efficient and sustainable use of water, in order not to jeopardize the achievement of the objectives of the Directive (Article 4)	Continuation of measure OM02-06	Ministry of Environment & Energy (Special Secretariat for Water),
M13B0308 Implementation of a Strategic Plan to Address Drought and Water Scarcity events	Measures to promote efficient and sustainable use of water, in order not to jeopardize the achievement of the objectives of the Directive (Article 4)	Continuation of measure OM02-01	Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water),
M13B0401 Designation and delimitation of zones and / or measures for the	Measures for the protection of water for human	Amendment of measures OM03-	Decentralized Administration (Water Directorate) and Public

Code - Name of Measure	Category	Connection with the 1 st RBMP	Implementing Bodies
protection of water abstraction points, intended for human consumption from groundwater bodies	consumption (Article 7)	01, OM03-02 and OM03-03	water suppliers (MEWSSs, Municipalities etc.)
M13B0402 Protection of GWBs included in the register of protected areas for human consumption and establishment of an institutional framework of protection	Measures for the protection of water for human consumption (Article 7)	Amendment /Specialization of measure OM03-04	Decentralized Administration (Water Directorate)
M13B0403 Protection of surface water abstraction works for public water supply	Measures for the protection of water for human consumption (Article 7)	New measure	MEWSSs, Municipalities, Public water suppliers, Decentralized Administration (Water Directorate)
M13B0404 Implementation of Water Safety Plans	Measures for the protection of water for human consumption (Article 7)	Amendment of measure OM03-06	MEWSSs, Municipalities, Public water suppliers, Decentralized Administration (Water Directorate)
M13B0501 Restrictions, terms and conditions for the construction of groundwater abstraction works (boreholes, wells, etc.) for new uses, as well as for the extension of existing water use permits to: (a) area of GWBs with a Poor quantitative status (b) the protection zone II of the abstraction works of public water supply networks operated by Municipalities, Municipalities links, MEWSSs, Intermunicipal Water Supply and Sewerage Companies and Public Water Supply companies (c) zones of collective irrigation networks (d) coastal GWBs of Poor chemical status due to salinity intrusion of human origin	Measures for the control of surface and groundwater abstractions and surface water storage	Amendment of measures SM04-02, SM04-04 and SM04-05	Decentralized Administration (Water Directorate)
M13B0502 Annual electronic recording of surface water and groundwater abstractions	Measures for the control of surface and groundwater abstractions and surface water storage	Amendment /Specialization of measure SM04-06	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate), Region of Crete
M13B0601 Investigation of the conditions of application of artificial recharge of	Measures to control and license the	Continuation of measure OM05-02	Region of Crete, Municipalities, Decentralized

Code - Name of Measure	Category	Connection with the 1 st RBMP	Implementing Bodies
underground aquifers as a mean of quantitative enhancement and quality protection of GWBs, with a priority for GWBs with poor condition and treatment of salinity intrusion	artificial recharge of GWBs		Administration (Water Directorate)
M13B0602 Establishment of a National Register of treated wastewater disposal sites (JMD 145116/2011, GG 354/B/2011)	Measures to control and license the artificial recharge of GWBs	Continuation of measure OM05-01	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)
M13B0701 Reinforcement of environmental inspections and audits	Measures for point sources of pollution	Continuation and Specialization of measures OM06-01, SM05-05, SM05-06 and OM07-02	Region of Crete
M13B0702 Modernization of national legislation on wastewater and industrial waste management	Measures for point sources of pollution	Continuation of measure OM06-03	Ministry of Environment & Energy (Special Secretariat for Water), Ministry of Health
M13B0703 Programme of surveillance monitoring of the quality status in groundwater and surface water bodies in areas of existing Landfill Sites	Measures for point sources of pollution	Continuation and Specialization of measure SM05-04	Operating bodies of Landfill Sites, National Monitoring Network Bodies coordinated by the Water Directorate
M13B0704 Conditions for the licensing of new / extension of existing aquaculture units	Measures for point sources of pollution	Continuation of measure OM06-06	Ministry of Environment & Energy, Decentralized Administration, Region of Crete
M13B0705 Establishment of rules for sinkholes protection	Measures for point and diffuse sources of pollution	Amendment of measure SM05-02	Decentralized Administration (Water Directorate)
M13B0801 Biological agriculture	Measures for diffuse sources of pollution	New Measure	Ministry of Rural Development and Food (Directorate of Quality Systems, Organic Production and Geographical Indications)
M13B0802 Modernization of the institutional framework for sludge management from urban waste water treatment plants with emphasis on widening the scope and updating the quality characteristics of the applicable sludge	Measures for diffuse sources of pollution	Continuation of measure OM07-03	Ministry of Environment & Energy (Environmental Certification Directorate), Ministry of Rural Development and Food
M13B0803 Reduce diffuse pollution from agriculture in the vulnerable zones of Directive 91/676/EEC	Measures for diffuse sources of pollution	New Measure	Ministry of Rural Development and Food, Region of Crete

Code - Name of Measure	Category	Connection with the 1 st RBMP	Implementing Bodies
M13B0902 Determination of minimum level of natural lakes & determination of maximum range of reservoirs' level	Measures to address adverse effects on the status of surface water bodies, in particular by hydromorphological alterations	Amendment of measures SM10-03 and SM10-04	Project owner, Region of Crete, Protected Areas Management Bodies, Decentralized Administration (Water Directorate)
M13B0903 Establishment of national methodology and specifications for the determination of ecological flow of River WBs	Measures to address adverse effects on the status of surface water bodies, in particular by hydromorphological alterations	Amendment of measure OM04-06	Ministry of Environment & Energy (Special Secretariat for Water)
M13B0904 Special Measures for the achievement of Good Ecological potential in HMWBs	Measures to address adverse effects on the status of surface water bodies, in particular by hydromorphological alterations	New Measure	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate), Region of Crete
M13B0905 Determination of selected areas for river sediment deposits removal to meet the needs of technical projects	Measures to address adverse effects on the status of surface water bodies, in particular by hydromorphological alterations	Continuation of measure OM08-02	Region of Crete, Decentralized Administration (Directorate of Environment and Spatial Planning, Water Directorate), Municipalities
M13B0906 Monitoring, recording and rehabilitation of coastal erosion	Measures to address adverse effects on the status of surface water bodies, in particular by hydromorphological alterations	Amendment of measure OM08-01	Ministry of Infrastructure, and Transport, Region of Crete, Decentralized Administration (Water Directorate)
M13B1101 Compilation of pollution sources registry (emissions, discharges and leaks)	Measures for Priority Substances and other pollutants.	Amendment of measure OM10-01	Ministry of Environment & Energy (Special Secretariat for Water)
M13B1102 Establishment/ determination of pollutants emission limits in RB level for priority substances and other pollutants of the JMD 51354/2641/E103/2010 as in force, as well as for Physicochemical parameters in relation to the quality objectives of the Management Plans	Measures for Priority Substances and other pollutants.	New Measure	Decentralized Administration (Water Directorate). Ministry of Environment & Energy (Special Secretariat for Water)

1.1.3 Supplementary measures

For achieving the goals of the RBMP, the implication of the basic measures is essential to be supported by supplementary measures.

Methodologically, supplementary measures were suggested:

- a) For the conservation of the status of the SWB's and the GWB's, along with increasing the knowledge and awareness related to the rational water usage of targeted users. In this case, the supplementary measures are horizontally implied and the WB's to be impacted are not exclusively defined.
- b) For WB's estimated that, despite the measure programme implication, won't reach their "good status" goal by 2021, and more specifically:
 - For WB's that, according to measurements of their qualitative and quantitative parameters or to the new grouping methodological approach, have a "lower than good" status.
 - For WB's that, while they have an unknown or good status, there are certain indications through the analysis of the pressures, that they are in danger of not achieving their environmental goals.

Measurements of (b) case are taken into consideration for the calculation of the environmental cost and/or the resource cost, according to the predictions of the JMD 135275 of the National Water Committee (GG 1751/B/22-05-2017).

The table that follows records the WB's of the RBD for which the adoption of specific supplementary measures is required.

Table 1-4 Waterbodies of the Crete RBD (EL13), for which the adoption of supplementary measures is considered necessary

WB Code	WB Name	Category	Current Status/Potential	Pressures
EL1339R000401012H	KERITIS	River	Unknown Ecological Good Chemical	Water abstraction-Agriculture and Public Water Supply
EL1339R001001026H	SFAKORIAKO	River	Unknown Ecological Good Chemical	Water abstraction-Agriculture
EL1339R001001063H	SFAKORIAKO	River	Unknown Ecological Good Chemical	Water abstraction-Agriculture
EL1339R001603048H	APOSELEMIS	River	Unknown Ecological Good Chemical	Water abstraction-Public Water Supply
EL1340R000104108H	ANAPODARIS	River	Unknown Ecological Good Chemical	Water abstraction-Agriculture
EL1340R000109012H	ANAPODARIS	River	Unknown Ecological Good Chemical	Water abstraction-Agriculture
EL1340R000204124H	GEROPOTAMOS	River	Unknown Ecological Good Chemical	Water abstraction-Agriculture
EL1341R000501010H	BRAMIANOS	River	Unknown Ecological Good Chemical	Water abstraction-Agriculture and Public Water Supply
EL1339RL01001002H	R. POTAMON	River	Unknown Ecological Good Chemical	Water abstraction-Agriculture
EL1339RL01605003H	R. APOSELEMI	River	Unknown Ecological Good Chemical	Water abstraction-Public Water Supply
EL1340RL00109102H	R. PLAKIOTISSAS	River	Unknown Ecological Good Chemical	Water abstraction-Agriculture
EL133901T0001N	TAVRONITIS	Transitional	Unknown Ecological Good Chemical	Urban development Diffusive-Agriculture
EL133901T0002N	KERITIS	Transitional	Unknown Ecological Good Chemical	Diffusive -Agriculture
EL133901T0003N	KOILIARIS	Transitional	Unknown Ecological Good Chemical	Diffusive -Agriculture
EL133901T0004N	MOUSELAS	Transitional	Unknown Ecological Good Chemical	Diffusive -Agriculture

WB Code	WB Name	Category	Current Status/Potential	Pressures
EL1339C0003N	ORMOS SOUDAS	Coastal	Moderate Ecological Good Chemical	Urban development, Chania Port Cretan Naval Base
EL1300064	KARSTIKO KERIS- TYLISSOU	Groundwater	Poor Quantitative Poor Chemical	Water abstraction-Public Water Supply
EL1300072	PORODES PARAKTIO VOREIOU IRAKLEIOU	Groundwater	Poor Quantitative Poor Chemical	Water abstraction-Agriculture and Public Water Supply
EL1300101	PORODES KASTELIOU	Groundwater	Poor Quantitative Good Chemical	Water abstraction-Agriculture
EL1300312	KARSTIKO PARAKTIO IRAKLEIOU-GOUVON- CHERSONISOU	Groundwater	Poor Quantitative Poor Chemical	Water abstraction-Agriculture and Public Water Supply
EL1300082	PORODES PARAKTIO TYMPAKIOU	Groundwater	Poor Quantitative Poor Chemical	Water abstraction-Agriculture
EL1300083	PORODES MOIRON	Groundwater	Poor Quantitative Poor Chemical	Water abstraction-Agriculture Diffusive -Agriculture
EL1300102	PORODES ROUSOCHORION	Groundwater	Poor Quantitative Poor Chemical	Water abstraction-Agriculture Diffusive -Agriculture
EL1300270	PORODES GAYDOU	Groundwater	Poor Quantitative Poor Chemical	Water abstraction-Agriculture and Public Water Supply
EL1300121	PORODES IERAPETRAS- KENTRIOU	Groundwater	Good Quantitative Poor Chemical	Diffusive -Agriculture
EL1300144	PORODES GOUDOURA	Groundwater	Poor Quantitative Poor Chemical	Water abstraction-Agriculture and Public Water Supply

The Measure Programme of the examined RBD includes 21 Supplementary Measures which are presented in the table following:

Table 1-5 Supplementary measures

Code - Name of Measure	Category	Connection with the 1 st RBMP	Affected WBs	Implementing Bodies	Cost
M13Σ0201 Development of a Monitoring System for the Programme of Measures of the RBMP	Administrative measures	New Measure	All WBs of RBD	Decentralized Administration of Crete (Water Directorate)	650.000 €
M13Σ0202 Additional restrictive administrative measures	Administrative measures	New Measure	All WBs of RBD	Decentralized Administration of Crete (Water Directorate)	0 €
M13Σ0203 Measures to control / save water in areas with greenhouse crops	Administrative measures	Continuation of measure SM08-01	All GWBs of RBD	Decentralized Administration of Crete (Water Directorate)	0 €
M13Σ0204 Protection of riparian vegetation of streams, lakes and wetlands	Administrative measures	Continuation of measure SM10-02	All inland surface WBs of RBD	Decentralized Administration (Forests Directorates, Directorate of forests coordination and supervision, Water Directorate)	0 €
M13Σ0501 Implementation of investments in agriculture and livestock holdings, aiming to improve environmental performance.	Emission controls	New Measure	All WBs of RBD	Ministry of Rural Development and Food, Region of Crete	372.000 €
M13Σ0801 Controlling artesian boreholes	Abstraction Controls	Amendment of measure SM04-06	All GWBs of RBD	Owner of the borehole, Decentralized Administration of Crete (Water Directorate)	0 €
M13Σ0802 Replacement of the existing public water supply boreholes that abstract water from GWBs of Poor Chemical or Quantitative status with new boreholes, in nearby aquifers of Good Chemical or Quantitative status	Abstraction Controls	Continuation of measure SM04-03	EL1300064, EL1300072, EL1300082, EL1300083, EL1300270, EL1300102, EL1300121, EL1300085, EL1300052, EL1300021, EL1300044, EL1300093, EL1300086, EL1300123,	MEWSSs, Municipalities, Decentralized Administration of Crete (Water Directorate)	1.100.000€

1st Revision of the Management Plan of Crete River Basin District (EL 13)

Code - Name of Measure	Category	Connection with the 1 st RBMP	Affected WBs	Implementing Bodies	Cost
			EL1300112, EL1300101, EL1300144, EL1300312, EL1300116, EL1300141, EL1300322		
M13Σ0803 Development of an operational plan for the regulation of the Agia spring	Abstraction Controls	Continuation of measure SM14-04	EL1300031, EL1339R000401012H	Decentralized Administration of Crete (Water Directorate)	10.000 €
M13Σ1001 Utilization of treated wastewater of WWTP of Heraklion for artificial recharge of aquifers not intended for human consumption	Efficiency and reuse measures	Specialization of measure SM09-02	EL1300330	MEWSS of Heraklion, Decentralized Administration of Crete (Water Directorate)	100.000 €
M13Σ1401 Artificial recharge projects of basin Thrapsano - Nipiditou	Artificial recharge of GWBs	Amendment of measure SM09-01	EL1300101	MEWSS of Heraklion, Decentralized Administration of Crete (Water Directorate)	100.000 €
M13Σ1501 Professional training of farmers/breeders for the protection of water bodies	Educational measures	Amendment of measure SM15-01	All WBs of RBD	Ministry of Rural Development and Food, Region of Crete	190.000 €
M13Σ1502 Consultancy Services, Farming management Services	Educational measures	Amendment of measure SM15-01	All WBs of RBD	Ministry of Rural Development and Food, Region of Crete	500.000 €
M13Σ1503 Informing and raising public awareness on water issues	Educational measures	Continuation of measure SM15-02	All WBs of RBD	MEWSSs, Municipalities, Region of Crete, Decentralized Administration of Crete (Water Directorate)	20.000 €
M13Σ1504 Reinforcement of environmental programs' actions in Primary & Secondary Education	Educational measures	Continuation of measure SM15-03	All WBs of RBD	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration of Crete (Water Directorate)	20.000 €

1st Revision of the Management Plan of Crete River Basin District (EL 13)

Code - Name of Measure	Category	Connection with the 1 st RBMP	Affected WBs	Implementing Bodies	Cost
M13Σ1601 Pilot measures for precision farming implementation	Research, development and demonstration projects	New Measure	All WBs of RBD	Ministry of Rural Development and Food, Region of Crete	330.000 €
M13Σ1602 Studies on the use of brackish coastal karst springs	Research, development and demonstration projects	Specialization of measure SM14-02	EL1300064, EL1300114, EL1300035	Decentralized Administration of Crete (Water Directorate)	73.000 €
M13Σ1604 Installation of continuous flow monitoring stations at River HMWBs, downstream of dams	Research, development and demonstration projects	Amendment of measure SM14-05	EL1339R001603048H EL1339R001001026H EL1340R000109012H EL1340R000204124H EL1341R000501010H EL1340R000104108H	Decentralized Administration of Crete (Water Directorate)	92.000 €
M13Σ1605 Implementation of special reckoning studies of coastal water bodies	Research, development and demonstration projects	Specialization of measure SM14-01	EL1339C0003N EL1341C0011N	Decentralized Administration of Crete (Water Directorate)	30.000 €
M13Σ1606 Implementation of special reckoning studies of transitional water bodies	Research, development and demonstration projects	New Measure	EL133901T0004N, EL133901T0003N, EL133901T0002N, EL133901T0001N	Decentralized Administration of Crete (Water Directorate)	20.000 €
M13Σ1607 Record and monitor the operation of the reservoirs of unknown ecological potential	Research, development and demonstration projects	Amendment of measure SM11-08	EL1339RL01001002H, EL1339RL01605003H, EL1340RL00109102H	Decentralized Administration of Crete (Water Directorate)	35.000 €
M13Σ1608 Design and implementation of a special surveillance monitoring program to collect data for the revision of HMWBs downstream of dams.	Research, development and demonstration projects	New Measure	EL1339R001001026H, EL1339R001001063H	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration of Crete (Water Directorate)	35.000 €

1.2 1st Revision of the Management Plan of Eastern Peloponnese RBD (EL 03)

Implementation timetable

The measures are divided into the following implementation timetable categories:

- Short term: Immediate implementation is possible
- Medium term: Implementation within 2 years
- Long term: Their implementation requires more than 2 years

Implementing bodies

For each measure, the implementing bodies are presented. The national legislation details the jurisdictions of each implementing body. Each measure can be implemented from additional implementing bodies, not mentioned below, if this derives from the legal framework.

New projects and activities

In the present Programme of Basic and Supplementary measures specific restrictions or requirements are set for “new” projects and activities. These restrictions or requirements do not apply on projects and activities that are already operational or under construction or have already secured funding or have at least one administrative act approved.

1.2.1 Actions implementing EU Directives (Group I Basic Measures)

The planned actions for the implementation of EU Directives and National legislation for the protection of WB are presented in the following table.

Table 2-1. Actions for the implementation of EU Directives

DIRECTIVE	PLANNED ACTIONS	IMPLEMENTING BODIES
Bathing water Directive (2006/7/ EC)	<ul style="list-style-type: none"> • Continue to monitor the quality of bathing water in accordance with Directive 2006/7 / EC. 	Special Secretariat for Water, Directorate of Water of the Decentralized Administration
	<ul style="list-style-type: none"> • Updating the Greek Bathing Water Profiles Registry 	
Habitats Directive (92/43/EEC) Birds Directive (2009/147/ EC)	<ul style="list-style-type: none"> • Setting /Approval Management Plans for protected areas of Natura 2000 network relating with water management issues 	Ministry of Environment and Energy, Protected Areas Management Bodies
	<ul style="list-style-type: none"> • Monitoring/Assessment of the conservation status of habitats and species directly depending on water in Natura 2000 areas. 	
Drinking water (Directives 98/83/ EC, 2015/1787/ EC)	<ul style="list-style-type: none"> • Monitoring of the implementation of the Directive 	Ministry of Health

DIRECTIVE	PLANNED ACTIONS	IMPLEMENTING BODIES
Environmental Impact Assessment Directives (2011/92/EC, 2014/52/EC)	<p>Amendment of the Ministerial Decision 170225/2014 – (Specifications for the contents of environmental permitting dossiers for projects and activities of category A) so that for certain categories of projects, which should be first specified, to make the following mandatory:</p> <ul style="list-style-type: none"> • Emissions of pollutants by category, • Calculation of pollution impacts in WB defined in the Management Plans and • Comparing these concentrations with the Environmental Quality Standards. • Establishment of a monitoring program and notification of results to the relevant Water Directorate. 	Ministry of Environment and Energy
Industrial Emissions Directive IED, (2010/75/EC)	<ul style="list-style-type: none"> • Keeping registration and records of installations that are in line with the provisions of the Directive 	Decentralized administration
Nitrates Directive (91/676/EC)	<ul style="list-style-type: none"> • Implementation of New Action Plans. The drafting of New Action Plans in all the vulnerable zones of the country has been entrusted by the Ministry of Rural Development and Food to the Agricultural University of Athens and is under preparation. 	Ministry of Rural Development and Food
	<ul style="list-style-type: none"> • Systematic monitoring of nitrate levels in WBs that are or may be subject to nitrate pollution. 	Special Secretariat for Water, Ministry of Rural Development and Food
Plant Protection Products (Directive 2009/128/EK, Regulation (EU) No. 1107/2009, Regulation (EU) No. 652/2014)	<ul style="list-style-type: none"> • Rational use of plant protection products 	Ministry of Rural Development and Food
Major Accidents (Seveso) Directive (2012/18/EC)	<ul style="list-style-type: none"> • Keeping registration and records of installations that are in line with the provisions of the Directive 	Decentralized administration
Sewage sludge Directive (86/278/EEC)	<ul style="list-style-type: none"> • Setting up a Joint Ministerial Decision, on Measures, Conditions and Procedures for the Use of Sludge from Domestic and Urban Wastewater Treatment and Certain Wastewater, in compliance with the provisions of Directive 86/278 / EEC and in replacement of Joint Ministerial Decision 80568/4225 / 1991 and promotion of actions related to the safe disposal of treated sludge. 	Ministry of Environment and Energy
Urban Waste Water Treatment Directive (91/271/ EC, 98/15/ EC)	<ul style="list-style-type: none"> • Completion of sewerage and waste water treatment projects of the settlements that concerns the provisions of the Directive (covering all agglomerations with a population greater than 2,000 p.e.). 	Region, MEWSS, Municipalities
	<ul style="list-style-type: none"> • Strengthening actions to control the effective operation of existing wastewater treatment and drainage projects. 	Region

1.2.2 Basic Measures of other categories (Group II Basic Measures)

Table 2-2. Basic measures of other categories

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M03B0201 Upgrading of the organizational function of organizations of land reclamation for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B'/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services	Measures to implement the cost recovery principle (Art. 9)	YES	Organization of Land reclamation (Local, General) / Region / Ministry of Environment & Energy (Special Secretariat for Water) /Ministry of Rural Development & Food
M03B0202 Upgrade of the organizational function of MEWSS for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B'/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	YES	MEWSS / Ministry of Environment & Energy (Special Secretariat for Water) / Ministry of Interior
M03B0203 Upgrading of the organizational function of the Local Government Organizations for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B'/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	YES	Local Government Organizations / Ministry of Environment & Energy (Special Secretariat for Water) / Ministry of Interior
M03B0204 Training and expertise of all the stakeholders (Decentralized Administrations, Regions, MEWSS, LOLR, Local Government Organizations of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B'/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	YES	Ministry of Environment & Energy (Special Secretariat for Water)
M03B0301 Preparation / Update of the Water Supply Masterplan	Measures to promote an efficient and sustainable water use (Art. 4)	YES	MEWSS / Municipalities /Water suppliers/ Decentralized Administration (Water Directorate)
M03B0302 Actions for the reinforcement, rehabilitation, modernization of water supply networks and leakage control	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Municipalities / MEWSS / Drinking water providers / Region / Decentralized Administration (Water Directorate)
M03B0303 Increase the efficiency of water use in land reclamation infrastructures	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Ministry of Rural Development and Food, Regions

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M03B0304 Investments for saving water in agriculture	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Individuals / Irrigation water providers / Ministry of Rural Development and Food / Regions
M03B0305 Determination of maximum irrigation requirements for crops for private water abstractions	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Decentralized Administration (Water Directorate), Regional directorate of Rural Economy and Veterinary Medicine
M03B0306 Strengthening loss reduction actions on collective irrigation networks	Measures to promote an efficient and sustainable water use (Art. 4)	YES	GOLR/LOLR/Collective Irrigation Networks, Region
M03B0307 Preparation of manual of technical specifications for application of water reuse methods	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Ministry of Environment & Energy (Special Secretariat for Water)
M03B0308 Update of the existing Strategic Plan to Address Water Scarcity and Drought	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)
M03B0401 Definition and delimitation of zones and / or measures for the protection of water abstraction points, intended for human consumption from groundwater bodies	Measures to meet the requirements of Article 7 (drinking water)	YES	Decentralized Administration (Water Directorate) and Drinking water providers (MEWSS, Municipalities etc.)
M03B0402 Protection of GWBs included in the registry of protected areas for human consumption and establishment of an institutional framework of protection	Measures to meet the requirements of Article 7 (drinking water)	YES	Decentralized Administration (Water Directorate)
M03B0403 Surface water projects for water supply protection	Measures to meet the requirements of Article 7 (drinking water)	YES	Municipalities / MEWSS / Water providers / Decentralized Administration (Water Directorate)
M03B0404 Implementation of Water Safety Plans	Measures to meet the requirements of Article 7 (drinking water)	YES	MEWSS, Municipalities, Drinking water providers, Decentralized Administration (Water Directorate)

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M03B0501 Restrictions, terms and conditions for the construction of groundwater abstraction projects (drilling, wells, etc.) for new uses, as well as extension of existing water use permits to: (a) area of GWBs in Poor quantitative status (b) the protection zone II of the abstractions serving the water supply networks that operated by Municipalities, Municipal Syndicates, MEWSS, Inter-MEWSS and drinking water companies , (c) zones of collective irrigation networks (d) coastal GWB with extensive or local salinization problems, regardless of their origin	Measures to control surface and groundwater abstractions	YES	Decentralized Administration (Water Directorate)
M03B0502 Annual online registration of surface and groundwater abstractions	Measures to control surface and groundwater abstractions	YES	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate), Regions
M03B0601 Investigation of the conditions for application of artificial underground aquifer enrichment as a mean of quantitative enhancement and quality protection of GWBs, with a priority for GWBs with poor condition and/or salinization issues.	Measures to control the artificial recharge of groundwater aquifers	YES	Region, Municipalities, Decentralized Administration (Water Directorate), Region
M03B0602 Establishment of a National Register of Waste Disposal Sites (Joint Ministerial Decision 145116/2011 (Government Gazette 354B)	Measures to control the artificial recharge of groundwater aquifers	YES	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)
M03B0701 Strengthening environmental inspections and controls	Measures for point source pollution	NEW MEASURE	Region
M03B0702 Modernization of national legislation on waste and industrial waste management	Measures for point source pollution	YES	Ministry of Environment & Energy (Special Secretariat for Water), Ministry of health
M03B0703 Program of exploratory monitoring of the quality of groundwater bodies and surface water bodies in the areas of existing Landfills	Measures for point source pollution	YES	Landfill Operators, National Monitoring Network coordinated by the Water Directorate
M03B0704 Conditions for the licensing of new / extension of existing aquaculture units	Measures for point source pollution	YES	Ministry of Environment & Energy, Decentralized Administration, Region
M03B0705 Preparation of rules for sinkholes protection	Measures for point and diffuse source of pollution	YES	Decentralized Administration (Water Directorate)
M03B0801 Biological agriculture	Measures for diffuse source pollution	YES	Ministry of Rural Development and Food (Directorate of Quality Systems, Organic Production and Geographical Indications)

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M03B0802 Modernization of the institutional framework for sludge management by municipal waste water treatment plants with emphasis on widening the scope and updating the quality characteristics of the applicable sludge	Measures for diffuse source pollution	YES	Ministry of Environment & Energy (Environmental Certification Directorate), Ministry of Rural Development and Food
M03B0803 Reduce diffuse pollution from agriculture in the Nitrate Vulnerable Zones of the Directive 91/676/EEC	Measures for diffuse source pollution	NEW MEASURE	Ministry of Rural Development and Food, Regions
M03B0901 Establishment of an institutional framework for the definition of the conditions for the protection of recreational inland waters of Article 6 Directive 2000/60/EK -Temporary regulation for new projects in inland water bodies which are included as recreational waters in the Register of Protected Areas under Article 6 of Directive 2000/60/EC	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	YES	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)
M03B0902 Determination of minimum natural lakes waterlevel, determination of maximum waterlevel fluctuation of reservoirs	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	NEW MEASURE	Managing Authority, Region, Protected Areas Management Bodies, Decentralized Administration (Water Directorate)
M03B0903 Development of national methodology and specifications for the determination of ecological flows of river water bodies	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	YES	Ministry of Environment & Energy (Special Secretariat for Water)
M03B0904 Special Measures to Achieve Good Ecological Potential in Heavily Modified Water Bodies (HMWB)	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	NEW MEASURE	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate), Region

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M03B0905 Determination of selected areas for river sediment deposits removal to meet the needs of technical projects	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	YES	Region, Decentralized Administration (Water Directorate), Municipalities
M03B0906 Monitoring, recording and rehabilitation of coastal erosion	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	NEW MEASURE	Ministry of Infrastructure, and Transport, Decentralized Administration (Water Directorate),
M03B1101 Compilation of pollution sources register (emissions, discharges and leaks)	Measures for Priority Substances and other pollutants.	YES	Ministry of Environment & Energy (Special Secretariat for Water)
M03B1102 Establishment / setting of emission limits in RBs for priority substances and other pollutants of the Joint Ministerial Decision 51354/2641 / E103 / 2010 as in force, as well as for Physico Chemical parameters in relation to the quality objectives set out in the Management Plans	Measures for Priority Substances and other pollutants.	YES	Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)

1.2.3 Supplementary measures

1.2.3.1 Horizontal supplementary measures

Horizontal supplementary measures concern/ affect all WB of the RBD.

Table 2-3. Horizontal supplementary measures

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB	IMPLEMENTING BODIES	COST (€)
M03Σ0201 Development of a Monitoring Programme for the implementation of the Programme of Measures of the RBMP in the RBD and provision of supporting services for the implementation of the PoM.	Administrative measures	NEW MEASURE	Horizontal	Decentralized Administration (Water Directorate)	650.000
M03Σ0202 Control and management of artesian wells	Abstraction Controls	YES	Horizontal	Owner of the well, Decentralized Administration (Water Directorate)	0
M03Σ0501 Emission controls at the outlets of stormwater culverts and other point sources of pollution that result in surface water bodies	Emission controls	NEW MEASURE	Horizontal	Municipalities / MEWSS / Region/ Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)	100.000
M03Σ0502 Implementation of investments in agriculture and livestock holdings, aiming at improving environmental performance.	Emission controls	NEW MEASURE	Horizontal	Ministry of Rural Development and Food/ Regions	293.000
M03Σ1501 Professional training of agro-farmers for the protection of WB	Educational measures	YES	Horizontal	Special Management Service of the Rural Development Program of Ministry of Rural Development and Food, Region	146.430
M03Σ1502 Informing and raising public awareness on water issues	Educational measures	YES	Horizontal	Ministry of Environment & Energy (Special Secretariat for Water), Regions, Municipalities, MEWSS, Decentralized Administration (Water Directorate)	100.000

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB	IMPLEMENTING BODIES	COST (€)
M03Σ1503 Strengthening environmental program actions in Primary Education and Secondary Education	Educational measures	YES	Horizontal	Ministry of Education, Research and Religious Affairs and Ministry of Environment & Energy (Special Secretariat for Water), Regions, Municipalities, MEWSS, Decentralized Administration (Water Directorate)	100.000
M03Σ1601 Pilot measures to apply precision agriculture to reduce water consumption	Research, development & demonstration projects	NEW MEASURE	Horizontal	Special Management Service of the Rural Development Program of Ministry of Rural Development and Food, Regions	257.840
M02Σ1602 Consultancy services for agriculture exploitation management	Research, development & demonstration projects	NEW MEASURE	Horizontal	Decentralized Administrations of the Ministry of Rural Development and Food	398.480
M03Σ1603 Design and Implementation of a Special Exploratory Monitoring Program for the purpose of collecting data on the primary designation of WB Downstream Dams as HMWB	Research, development & demonstration projects	NEW MEASURE	Horizontal	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)	250.000

1.2.3.2 Supplementary measures

Table 2-4. Supplementary measures in Tripoli Plateau RB (EL0330)

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M03Σ0803 On-site inspections on licensed abstractions	Abstraction controls	8.02	EL0330L000000001H	TAKA ARTIF.LAKE	Decentralized Administration, Region	0 €

Table 2-5. Supplementary measures in Argolic Gulf Streams RB (EL0331)

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M03Σ0302 Financial sanctions against illegal sandpits	Economic or fiscal instruments	1.11	EL0331R000700004N	MARIOREMA STREAM_4	Decentralized Administration, Region	0 €
			EL0331R000202022N	XERIAS R._3		
M03Σ0503 Inspections for compliance with the limits of disposal from industrial, processing and livestock-poultry units within the catchment area of the SWB, at least twice a year	Emission controls	5.04	EL0331R000201019H	INAHOS R._1	Region, Decentralized Administration	0 €
			EL0331R000202020H	XERIAS R._1		
			EL0331R000204024H	DERVENI STREAM_1		
			EL0331R000204025N	DERVENI STREAM_2		
			EL0331R000205027H	INAHOS R._3		
			EL0331R000205028N	INAHOS R._4		
M03Σ0801 Determination and delimitation of GWB areas which are of poor quality due to salinization or have local salinization problems	Abstraction controls	ΟΣ_ΥΔ03_7	EL0300020	Systema An. Arkadias - Dyt. Argolidas	Decentralized Administration, Region	400.000 €
			EL0300040	Systema Argolikou Pediou		
			EL0300050	Systema Mavrovouniou - Didymon		
			EL0300060	Systema Troizinias		
			EL0300070	Systema Ermionis		
			EL0300080	Systema Portocheliou		
			EL0300090	Systema Astrous		
			EL0300150	Systema Asopou-Glykovrysis		

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CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M03Σ0802 Systematic monitoring of quality status of licensed water abstractions in GWB with high natural background (e.g. chlorides)	Abstraction controls	ΟΣ_ΥΔ03_5	EL0300020	Systima An. Arkadias - Dyt. Argolidas	Decentralized Administration, Region	0 €
			EL0300050	Systima Mavrovouniou - Didymon		
			EL0300100	Systima Parnona		
			EL0300110	Systima Zaraka - Monemvasias		
			EL0300120	Systima Notioanatolikis Lakonias		
M03Σ0811 Reduction or replacement of groundwater abstractions with abstractions from a surface WB or other GWB or technical project (Water Reservoir, dam, desalination)	Abstraction controls	8.03	EL0300020	Systima An. Arkadias - Dyt. Argolidas	Ministry of Rural Development and Food, Decentralized Administration, Region	30.000 €
M03Σ0812 Reduction or replacement of groundwater abstractions with abstractions from a surface WB or other GWB or technical project (Water Reservoir, dam, desalination)	Abstraction controls	8.03	EL0300060	Systima Troizinias	Ministry of Rural Development and Food, Ministry of Environment & Energy, Decentralized Administration, Region, Municipality, Municipal Water Company	40.000 €
M03Σ0813 Investigation of the possibility of drilling in areas of the GWB according to the study "Hydrological Study of Feasibility of Water Supply of Argolida from Groundwater" IGME-TEDK of Argolida	Abstraction controls	8.09	EL0300020	Systima An. Arkadias - Dyt. Argolidas	Decentralized Administration, Region, Municipality, Municipal Water Company	80.000 €
			EL0300050	Systima Mavrovouniou - Didymon		

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CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M03Σ0814 Organization and execution of exploratory monitoring of the discharges of the sources (Anavalos Kiveri, Kefalari, Lerni, Kroi) and all abstractions (boreholes, pumping stations, aqueducts)	Abstraction controls	8.10	EL0300020	Systima An. Arkadias - Dyt. Argolidas	Decentralized Administration, Region	200.000 €
M03Σ0815 Drafting an update of existing projects and studies of the drinking water and irrigation needs associated with the sources of Anavalos, Lerni and Kefalari aiming at controlling the abstractions	Abstraction controls	18.17	EL0300020	Systima An. Arkadias - Dyt. Argolidas	Ministry of Rural Development and Food, Ministry of Infrastructure, and Transport, Municipal Water Company	300.000 €
M03Σ1201 Construction of a desalination plant to reduce groundwater abstractions	Desalination plants	8.03	EL0300070	Systima Ermionis	Ministry of Infrastructure, and Transport, Region, Municipal Water Company	2.400.000 €
M03Σ1402 Implementation of Artificial recharge of aquifers Project	Artificial Recharge	14.03	EL0300040	Systima Argolikou PEDIU	Ministry of Rural Development and Food, Region	160.000 €
M03Σ1403 Implementation of Artificial recharge of aquifers Project	Artificial Recharge	14.03	EL0300060	Systima Troizinias	Ministry of Rural Development and Food, Region, Municipality	100.000 €
M03Σ1404 Implementation of Artificial recharge of aquifers Project	Artificial Recharge	14.01	EL0300090	Systima Astrous	Ministry of Rural Development and Food, Region, Municipality	100.000 €

Table 2-6. Supplementary measures in Evrota River RB (EL0333)

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M03Σ0302 Financial sanctions against illegal sandpits	Economic or fiscal instruments	1.11	EL0333R000300003N	PLATIS R. _3	Decentralized Administration, Region	0 €
			EL0333R000300004N	PLATIS R. _4		
			EL0333R000300005N	PLATIS R. _5		
			EL0333R000201006H	EVROTAS R. _1		
			EL0333R000201007N	EVROTAS R. _2		
			EL0333R000201009N	EVROTAS R. _4		
			EL0333R000202011N	RASINA STREAM _1		
			EL0333R000202014N	RASINA STREAM _2		
			EL0333R000203017N	EVROTAS R. _6		
			EL0333R000203018N	EVROTAS R. _7		
			EL0333R000205021N	EVROTAS R. _8		
			EL0333R000207025N	EVROTAS R. _9		
			EL0333R000209029N	EVROTAS R. _10		
			EL0333R000210030N	INOUS R. _1		
			EL0333R000211041N	EVROTAS R. _12		
EL0333R000213043N	EVROTAS R. _13					
M03Σ0503 Inspections for compliance with the limits of disposal from industrial, processing and livestock-poultry units within the catchment area of the SWB, at least twice a year	Emission controls	5.04	EL0333R000201009N	EVROTAS R. _4	Region, Decentralized Administration	0 €
			EL0333R000203018N	EVROTAS R. _7		
			EL0333R000206022N	KALIVES STREAM _1		
			EL0333R000207025N	EVROTAS R. _9		
			EL0333R000208027N	MAGOULITSA STREAM _2		
			EL0333R000209029N	EVROTAS R. _10		
			EL0333R000213043N	EVROTAS R. _13		
EL0333R000217049N	EVROTAS R. _15					
M03Σ0504 Exploratory Quality Monitoring	Emission controls	5.15	EL0333R000201009N	EVROTAS R. _4	Ministry of Environment & Energy, Decentralized Administration, Region	50.000 €

1st Update of River Basin Management Plans - River Basin District of Eastern Peloponnese (EL03)

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M03Σ0802 Systematic monitoring of quality status of licensed water abstractions in GWB with high natural background (e.g. chlorides)	Abstraction controls	ΟΣ_ΥΔ03_5	EL0300210	Systima Skoutariou	Decentralized Administration, Region	0 €
M03Σ0803 On-site inspections on licensed abstractions	Abstraction controls	8.02	EL0333R000201009N	EVROTAS R._4	Decentralized Administration, Region	0 €
			EL0333R000206022N	KALIVES STREAM_1		
			EL0333R000207025N	EVROTAS R._9		
M03Σ1604 Design of central processing units for agro-animal waste and processing plants	Research, development & demonstration projects	OM09-1			Ministry of Environment & Energy, Region, Decentralized Administration	300.000 €
			EL0333R000201009N	EVROTAS R._4		
			EL0333R000203018N	EVROTAS R._7		
			EL0333R000206022N	KALIVES STREAM_1		
			EL0333R000207025N	EVROTAS R._9		
			EL0333R000208027N	MAGOULITSA STREAM_2		
			EL0333R000209029N	EVROTAS R._10		
			EL0333R000213043N	EVROTAS R._13		
EL0333R000217049N	EVROTAS R._15					

1.3 1st Revision of the Management Plan of Western Peloponnese RBD (EL 01)

Implementation timetable

The measures are divided into the following implementation timetable categories:

- Shortterm: Immediate implementation is possible
- Medium term: Implementation within 2 years
- Longterm: Their implementation requires more than 2 years

Implementing bodies

For each measure, the implementing bodies are presented. The national legislation details the jurisdictions of each implementing body. Each measure can be implemented from additional implementing bodies, not mentioned below, if this derives from the legal framework.

New projects and activities

In the present Programme of Basic and Supplementary measures specific restrictions or requirements are set for “new” projects and activities. These restrictions or requirements do not apply on projects and activities that are already operational or under construction or have already secured funding or have at least one administrative act approved.

1.3.1 Actions implementing EU Directives (Group I Basic Measures)

The planned actions for the implementation of EU Directives and National legislation for the protection of WB are presented in the following table.

Table 3-1. Actions for the implementation of EU Directives

DIRECTIVE	PLANNED ACTIONS	IMPLEMENTING BODIES
Bathing water Directive (2006/7/ EC)	<ul style="list-style-type: none"> • Continue to monitor the quality of bathing water in accordance with Directive 2006/7 / EC. 	Special Secretariat for Water, Directorate of Water of the Decentralized Administration
	<ul style="list-style-type: none"> • Updating the Greek Bathing Water Profiles Registry 	
Habitats Directive (92/43/EEC) Birds Directive (2009/147/ EC)	<ul style="list-style-type: none"> • Setting /Approval Management Plans for protected areas of Natura 2000 network relating with water management issues 	Ministry of Environment and Energy, Protected Areas Management Bodies
	<ul style="list-style-type: none"> • Monitoring/Assessment of the conservation status of habitats and species directly depending on water in Natura 2000 areas. 	
Drinking water (Directives 98/83/ EC, 2015/1787/ EC)	<ul style="list-style-type: none"> • Monitoring of the implementation of the Directive 	Ministry of Health

DIRECTIVE	PLANNED ACTIONS	IMPLEMENTING BODIES
Environmental Impact Assessment Directives (2011/92/EC, 2014/52/EC)	<p>Amendment of the Ministerial Decision 170225/2014 – (Specifications for the contents of environmental permitting dossiers for projects and activities of category A) so that for certain categories of projects, which should be first specified, to make the following mandatory:</p> <ul style="list-style-type: none"> • Emissions of pollutants by category, • Calculation of pollution impacts in WB defined in the Management Plans and • Comparing these concentrations with the Environmental Quality Standards. • Establishment of a monitoring program and notification of results to the relevant Water Directorate. 	Ministry of Environment and Energy
Industrial Emissions Directive IED, (2010/75/EC)	<ul style="list-style-type: none"> • Keeping registration and records of installations that are in line with the provisions of the Directive 	Decentralized administration
Nitrates Directive (91/676/EC)	<ul style="list-style-type: none"> • Implementation of New Action Plans. The drafting of New Action Plans in all the vulnerable zones of the country has been entrusted by the Ministry of Rural Development and Food to the Agricultural University of Athens and is under preparation. 	Ministry of Rural Development and Food
	<ul style="list-style-type: none"> • Systematic monitoring of nitrate levels in WBs that are or may be subject to nitrate pollution. 	Special Secretariat for Water, Ministry of Rural Development and Food
Plant Protection Products (Directive 2009/128/EK, Regulation (EU) No. 1107/2009, Regulation (EU) No. 652/2014)	<ul style="list-style-type: none"> • Rational use of plant protection products 	Ministry of Rural Development and Food
Major Accidents (Seveso) Directive (2012/18/EC)	<ul style="list-style-type: none"> • Keeping registration and records of installations that are in line with the provisions of the Directive 	Decentralized administration
Sewage sludge Directive (86/278/EEC)	<ul style="list-style-type: none"> • Setting up a Joint Ministerial Decision, on Measures, Conditions and Procedures for the Use of Sludge from Domestic and Urban Wastewater Treatment and Certain Wastewater, in compliance with the provisions of Directive 86/278 / EEC and in replacement of Joint Ministerial Decision 80568/4225 / 1991 and promotion of actions related to the safe disposal of treated sludge. 	Ministry of Environment and Energy
Urban Waste Water Treatment Directive (91/271/ EC, 98/15/ EC)	<ul style="list-style-type: none"> • Completion of sewerage and waste water treatment projects of the settlements that concerns the provisions of the Directive (covering all agglomerations with a population greater than 2,000 p.e.). 	Region, MEWSS, Municipalities
	<ul style="list-style-type: none"> • Strengthening actions to control the effective operation of existing wastewater treatment and drainage projects. 	Region

1.3.2 Basic Measures of other categories (Group II Basic Measures)

Table 3-2. Basic measures of other categories

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M01B0201 Upgrading of the organizational function of organizations of land reclamation for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B'/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services	Measures to implement the cost recovery principle (Art. 9)	YES	Organization of Land reclamation (Local, General) / Region / Ministry of Environment & Energy (Special Secretariat for Water) / Ministry of Rural Development & Food
M01B0202 Upgrade of the organizational function of MEWSS for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B'/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	YES	MEWSS / Ministry of Environment & Energy (Special Secretariat for Water) / Ministry of Interior
M01B0203 Upgrading of the organizational function of the Local Government Organizations for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B'/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	YES	Local Government Organizations / Ministry of Environment & Energy (Special Secretariat for Water) / Ministry of Interior
M01B0204 Training and expertise of all the stakeholders (Decentralized Administrations, Regions, MEWSS, LOLR, Local Government Organizations of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B'/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	YES	Ministry of Environment & Energy (Special Secretariat for Water)
M01B0301 Preparation / Update of the Water Supply Masterplan	Measures to promote an efficient and sustainable water use (Art. 4)	YES	MEWSS / Municipalities / Water suppliers / Decentralized Administration (Water Directorate)
M01B0302 Actions for the reinforcement, rehabilitation, modernization of water supply networks and leakage control	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Municipalities / MEWSS / Drinking water providers / Region / Decentralized Administration (Water Directorate)
M01B0303 Increase the efficiency of water use in land reclamation infrastructures	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Ministry of Rural Development and Food, Regions

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M01B0304 Investments for saving water in agriculture	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Individuals / Irrigation water providers / Ministry of Rural Development and Food / Regions
M01B0305 Determination of maximum irrigation requirements for crops for private water abstractions	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Decentralized Administration (Water Directorate), Regional directorate of Rural Economy and Veterinary Medicine
M01B0306 Strengthening loss reduction actions on collective irrigation networks	Measures to promote an efficient and sustainable water use (Art. 4)	YES	GOLR/LOLR/Collective Irrigation Networks, Region
M01B0307 Preparation of manual of technical specifications for application of water reuse methods	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Ministry of Environment & Energy (Special Secretariat for Water)
M01B0308 Update of the existing Strategic Plan to Address Water Scarcity and Drought	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)
M01B0401 Definition and delimitation of zones and / or measures for the protection of water abstraction points, intended for human consumption from groundwater bodies	Measures to meet the requirements of Article 7 (drinking water)	YES	Decentralized Administration (Water Directorate) and Drinking water providers (MEWSS, Municipalities etc.)
M01B0402 Protection of GWBs included in the registry of protected areas for human consumption and establishment of an institutional framework of protection	Measures to meet the requirements of Article 7 (drinking water)	YES	Decentralized Administration (Water Directorate)
M01B0403 Surface water projects for water supply protection	Measures to meet the requirements of Article 7 (drinking water)	YES	Municipalities / MEWSS / Water providers / Decentralized Administration (Water Directorate)
M01B0404 Implementation of Water Safety Plans	Measures to meet the requirements of Article 7 (drinking water)	YES	MEWSS, Municipalities, Drinking water providers, Decentralized Administration (Water Directorate)

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M01B0501 Restrictions, terms and conditions for the construction of groundwater abstraction projects (drilling, wells, etc.) for new uses, as well as extension of existing water use permits to: (a) area of GWBs in Poor quantitative status (b) the protection zone II of the abstractions serving the water supply networks that operated by Municipalities, Municipal Syndicates, MEWSS, Inter-MEWSS and drinking water companies , (c) zones of collective irrigation networks (d) coastal GWB with extensive or local salinization problems, regardless of their origin	Measures to control surface and groundwater abstractions	YES	Decentralized Administration (Water Directorate)
M01B0502 Annual online registration of surface and groundwater abstractions	Measures to control surface and groundwater abstractions	YES	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate), Regions
M01B0601 Investigation of the conditions for application of artificial underground aquifer enrichment as a mean of quantitative enhancement and quality protection of GWBs, with a priority for GWBs with poor condition and/or salinization issues.	Measures to control the artificial recharge of groundwater aquifers	YES	Region, Municipalities, Decentralized Administration (Water Directorate), Region
M01B0602 Establishment of a National Register of Waste Disposal Sites (Joint Ministerial Decision 145116/2011 (Government Gazette 354B)	Measures to control the artificial recharge of groundwater aquifers	YES	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)
M01B0701 Strengthening environmental inspections and controls	Measures for point source pollution	NEW MEASURE	Region
M01B0702 Modernization of national legislation on waste and industrial waste management	Measures for point source pollution	YES	Ministry of Environment & Energy (Special Secretariat for Water), Ministry of health
M01B0703 Program of exploratory monitoring of the quality of groundwater bodies and surface water bodies in the areas of existing Landfills	Measures for point source pollution	YES	Landfill Operators, National Monitoring Network coordinated by the Water Directorate
M01B0704 Conditions for the licensing of new / extension of existing aquaculture units	Measures for point source pollution	YES	Ministry of Environment & Energy, Decentralized Administration, Region
M01B0705 Preparation of rules for sinkholes protection	Measures for point and diffuse source of pollution	YES	Decentralized Administration (Water Directorate)
M01B0801 Biological agriculture	Measures for diffuse source pollution	YES	Ministry of Rural Development and Food (Directorate of Quality Systems, Organic Production and Geographical Indications)

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M01B0802 Modernization of the institutional framework for sludge management by municipal waste water treatment plants with emphasis on widening the scope and updating the quality characteristics of the applicable sludge	Measures for diffuse source pollution	YES	Ministry of Environment & Energy (Environmental Certification Directorate), Ministry of Rural Development and Food
M01B0803 Reduce diffuse pollution from agriculture in the Nitrate Vulnerable Zones of the Directive 91/676/EEC	Measures for diffuse source pollution	NEW MEASURE	Ministry of Rural Development and Food, Regions
M01B0901 Establishment of an institutional framework for the definition of the conditions for the protection of recreational inland waters of Article 6 Directive 2000/60/EK -Temporary regulation for new projects in inland water bodies which are included as recreational waters in the Register of Protected Areas under Article 6 of Directive 2000/60/EC	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	YES	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)
M01B0902 Determination of minimum natural lakes waterlevel, determination of maximum waterlevel fluctuation of reservoirs	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	NEW MEASURE	Managing Authority, Region, Protected Areas Management Bodies, Decentralized Administration (Water Directorate)
M01B0903 Development of national methodology and specifications for the determination of ecological flows of river water bodies	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	YES	Ministry of Environment & Energy (Special Secretariat for Water)

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M01B0904 Special Measures to Achieve Good Ecological Potential in Heavily Modified Water Bodies (HMWB)	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	NEW MEASURE	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate), Region
M01B0905 Determination of selected areas for river sediment deposits removal to meet the needs of technical projects	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	YES	Region, Decentralized Administration (Water Directorate), Municipalities
M01B0906 Monitoring, recording and rehabilitation of coastal erosion	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	NEW MEASURE	Ministry of Infrastructure, and Transport, Decentralized Administration (Water Directorate),
M01B1101 Compilation of pollution sources register (emissions, discharges and leaks)	Measures for Priority Substances and other pollutants.	YES	Ministry of Environment & Energy (Special Secretariat for Water)
M01B1102 Establishment / setting of emission limits in RBs for priority substances and other pollutants of the Joint Ministerial Decision 51354/2641 / E103 / 2010 as in force, as well as for Physico Chemical parameters in relation to the quality objectives set out in the Management Plans	Measures for Priority Substances and other pollutants.	YES	Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)

1.3.3 Supplementary measures

1.3.3.1 Horizontal supplementary measures

Horizontal supplementary measures concern/ affect all WB of the RBD.

Table 3-3. Horizontal supplementary measures

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB	IMPLEMENTING BODIES	COST (€)
M01Σ0201 Development of a Monitoring Programme for the implementation of the Programme of Measures of the RBMP in the RBD and provision of supporting services for the implementation of the PoM.	Administrative measures	NEW MEASURE	Horizontal	Decentralized Administration (Water Directorate)	650.000
M01Σ0202 Control and management of artesian wells	Abstraction Controls	YES	Horizontal	Owner of the well, Decentralized Administration (Water Directorate)	0
M01Σ0501 Emission controls at the outlets of stormwater culverts and other point sources of pollution that result in surface water bodies	Emission controls	NEW MEASURE	Horizontal	Municipalities / MEWSS / Region/ Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)	100.000
M01Σ0502 Implementation of investments in agriculture and livestock holdings, aiming at improving environmental performance.	Emission controls	NEW MEASURE	Horizontal	Ministry of Rural Development and Food/ Regions	287.500
M01Σ1501 Professional training of agro-farmers for the protection of WB	Educational measures	YES	Horizontal	Special Management Service of the Rural Development Program of Ministry of Rural Development and Food, Region	146.625
M01Σ1502 Informing and raising public awareness on water issues	Educational measures	YES	Horizontal	Ministry of Environment & Energy (Special Secretariat for Water), Regions, Municipalities, MEWSS, Decentralized Administration (Water Directorate)	100.000

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB	IMPLEMENTING BODIES	COST (€)
M01Σ1503 Strengthening environmental program actions in Primary Education and Secondary Education	Educational measures	YES	Horizontal	Ministry of Education, Research and Religious Affairs and Ministry of Environment & Energy (Special Secretariat for Water), Regions, Municipalities, MEWSS, Decentralized Administration (Water Directorate)	100.000
M01Σ1601 Pilot measures to apply precision agriculture to reduce water consumption	Research, development & demonstration projects	NEW MEASURE	Horizontal	Special Management Service of the Rural Development Program of Ministry of Rural Development and Food, Regions	253.000
M01Σ1602 Consultancy services for agriculture exploitation management	Research, development & demonstration projects	NEW MEASURE	Horizontal	Decentralized Administrations of the Ministry of Rural Development and Food	391.000
M01Σ1603 Design and Implementation of a Special Exploratory Monitoring Program for the purpose of collecting data on the primary designation of WB Downstream Dams as HMWB	Research, development & demonstration projects	NEW MEASURE	Horizontal	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)	250.000

1.3.3.2 Supplementary measures

Table 3-4. Supplementary measures in Alfios RB (EL0129)

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M01Σ0203 Prohibition of river sediment deposits removal, except for flood protection until the necessary studies have been carried out to identify selected sites for the needs of engineering projects	Administrative measures	2.05	EL0129R000201001N	ALFIOS R. _1	Decentralized Administration, Region	0 €
			EL0129R000205010N	ALFIOS R. _3		
M01Σ0503 Inspections for compliance with the limits of disposal from industrial, processing and livestock-poultry units within the catchment area of the SWB, at least twice a year	Emission controls	5.04	EL0129R000202005N	ALISIO STREAM_1	Region, Decentralized Administration	0 €
			EL0129R000202006N	ALISIO STREAM_2		
			EL0129R000204009N	SELINOUS R. _2		
			EL0129R000206011N	ERIMANTHOS R. _1		
			EL0129R000207020N	ALFIOS R. _4		
			EL0129R000208330N	TRAGOS STREAM_2		
			EL0129R000215044H	ALFIOS R. _9		
			EL0129R000216046N	ELISSON R. _2		
			EL0129R000217051A	ALFIOS R. DIVERSION_1		
M01Σ1604 Design of central processing units for agro-animal waste and processing plants	Research, development & demonstration projects	OM09-1	EL0129R000219054N	ALFIOS R. _11	Ministry of Environment & Energy, Region, Decentralized Administration	300.000 €
			EL0129R000202005N	ALFIOS R. _1		
			EL0129R000202006N	ALFIOS R. _3		
			EL0129R000204009N	ALISIO STREAM_1		
			EL0129R000206011N	ALISIO STREAM_2		
			EL0129R000207020N	SELINOUS R. _2		
			EL0129R000208330N	ERIMANTHOS R. _1		
			EL0129R000215044H	ALFIOS R. _4		
			EL0129R000216046N	TRAGOS STREAM_2		
EL0129R000217051A	ALFIOS R. _9					
EL0129R000219054N	ELISSON R. _2					

Table 3-5. Supplementary measures in Pamisos - Nedontas - Neda RB (EL0132)

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M01Σ0302 Financial sanctions against illegal sandpits	Economic or fiscal instruments	1.11	EL0132R001100016N	KALO NERO STREAM_1	Decentralized Administration, Region	0 €
			EL0132R001100017N	KALO NERO STREAM_2		
			EL0132R001100018N	KALO NERO STREAM_3		
			EL0132R001500021N	NEDA R._2		
M01Σ0503 Inspections for compliance with the limits of disposal from industrial, processing and livestock-poultry units within the catchment area of the SWB, at least twice a year	Emission controls	5.04	EL0132R000700007N	GIANNOUZAGAS STREAM_2	Region, Decentralized Administration	0 €
			EL0132R000901008N	SELAS STREAM		
			EL0132R000902009N	ALAFINOREMA STREAM		
			EL0132R000900011N	LAGOUVARDOS STREAM		
			EL0132R001100016N	KALO NERO STREAM_1		
			EL0132R001100017N	KALO NERO STREAM_2		
			EL0132R001100018N	KALO NERO STREAM_3		
			EL0132R001500020N	NEDA R._1		
			EL0132R000201023H	PAMISOS R._1		
			EL0132R000201024H	PAMISOS R._2		
			EL0132R000201025N	PAMISOS R._3		
			EL0132R000202026H	AGIOS FLOROS STREAM_1		
			EL0132R000202027H	AGIOS FLOROS STREAM_2		
			EL0132R000203029N	MAVROZOU MENA STREAM_2		
			EL0132R000204131H	TZAMIS STREAM_1		
			EL0132R000204033H	MEGALO POTAMI STREAM_2		
			EL0132R000202040N	TZIROREMA STREAM_2		
EL0132R001700045H	NEDON R._1					
EL0132T0003N	YALOVA LAGOON					
M01Σ0801 Determination and delimitation of GWB areas which are of poor quality due to salinization or have local salinization problems	Abstraction controls	ΟΣ_ΥΔ01_7	EL0100100	Systema Pamisou	Decentralized Administration	150.000 €
			EL0100140	Systema Romanou - Choras		
			EL0100170	Systema Filiatron - Kyparissias		

1st Update of River Basin Management Plans - River Basin District of Western Peloponnese (EL01)

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M01Σ0802 Systematic monitoring of quality status of licensed water abstractions in GWB with high natural background (e.g. chlorides)	Abstraction controls	ΟΣ_ΥΔ01_5	EL0100090	Systema Taygetou	Decentralized Administration, Region	0 €
			EL0100130	Systema Kynigou		
M01Σ0803 On-site inspections on licensed abstractions	Abstraction controls	8.02	EL0132R000900013H	FILIATRINO STREAM_2	Decentralized Administration, Region	0 €
			EL0132R000201024H	PAMISOS R._2		
			EL0132R000203043H	ARIS R._3		
M01Σ1604 Design of central processing units for agro-animal waste and processing plants	Research, development & demonstration projects	OM09-1	EL0132R000700007N	GIANNOUZAGAS STREAM_2	Ministry of Environment & Energy, Region, Decentralized Administration	300.000 €
			EL0132R000901008N	SELAS STREAM		
			EL0132R000902009N	ALAFINOREMA STREAM		
			EL0132R000900011N	LAGOUVARDOS STREAM		
			EL0132R001100016N	KALO NERO STREAM_1		
			EL0132R001100017N	KALO NERO STREAM_2		
			EL0132R001100018N	KALO NERO STREAM_3		
			EL0132R001500020N	NEDA R._1		
			EL0132R000201023H	PAMISOS R._1		
			EL0132R000201024H	PAMISOS R._2		
			EL0132R000201025N	PAMISOS R._3		
			EL0132R000202026H	AGIOS FLOROS STREAM_1		
			EL0132R000202027H	AGIOS FLOROS STREAM_2		
			EL0132R000203029N	MAVROZOU MENA STREAM_2		
			EL0132R000204131H	TZAMIS STREAM_1		
			EL0132R000204033H	MEGALO POTAMI STREAM_2		
			EL0132R000202040N	TZIROREMA STREAM_2		
			EL0132R001700045H	NEDON R._1		
			EL0132T0003N	YALOVA LAGOON		

1.4 1st Revision of the Management Plan of Western Peloponnese RBD (EL 02)

Implementation timetable

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- Medium term: Implementation within 2 years
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Implementing bodies

For each measure, the implementing bodies are presented. The national legislation details the jurisdictions of each implementing body. Each measure can be implemented from additional implementing bodies, not mentioned below, if this derives from the legal framework.

New projects and activities

In the present Programme of Basic and Supplementary measures specific restrictions or requirements are set for “new” projects and activities. These restrictions or requirements do not apply on projects and activities that are already operational or under construction or have already secured funding or have at least one administrative act approved.

1.4.1 Actions implementing EU Directives (Group I Basic Measures)

The planned actions for the implementation of EU Directives and National legislation for the protection of WB are presented in the following table.

Table 4-1. Actions for the implementation of EU Directives

DIRECTIVE	PLANNED ACTIONS	IMPLEMENTING BODIES
Bathing water Directive (2006/7/ EC)	<ul style="list-style-type: none"> • Continue to monitor the quality of bathing water in accordance with Directive 2006/7 / EC. 	Special Secretariat for Water, Directorate of Water of the Decentralized Administration
	<ul style="list-style-type: none"> • Updating the Greek Bathing Water Profiles Registry 	
Habitats Directive (92/43/EEC) Birds Directive (2009/147/ EC)	<ul style="list-style-type: none"> • Setting /Approval Management Plans for protected areas of Natura 2000 network relating with water management issues 	Ministry of Environment and Energy, Protected Areas Management Bodies
	<ul style="list-style-type: none"> • Monitoring/Assessment of the conservation status of habitats and species directly depending on water in Natura 2000 areas. 	
Drinking water (Directives 98/83/ EC, 2015/1787/ EC)	<ul style="list-style-type: none"> • Monitoring of the implementation of the Directive 	Ministry of Health

DIRECTIVE	PLANNED ACTIONS	IMPLEMENTING BODIES
Environmental Impact Assessment Directives (2011/92/EC, 2014/52/EC)	Amendment of the Ministerial Decision 170225/2014 – (Specifications for the contents of environmental permitting dossiers for projects and activities of category A) so that for certain categories of projects, which should be first specified, to make the following mandatory: <ul style="list-style-type: none"> • Emissions of pollutants by category, • Calculation of pollution impacts in WB defined in the Management Plans and • Comparing these concentrations with the Environmental Quality Standards. • Establishment of a monitoring program and notification of results to the relevant Water Directorate. 	Ministry of Environment and Energy
Industrial Emissions Directive IED, (2010/75/EC)	<ul style="list-style-type: none"> • Keeping registration and records of installations that are in line with the provisions of the Directive 	Decentralized administration
Nitrates Directive (91/676/EC)	<ul style="list-style-type: none"> • Implementation of New Action Plans. The drafting of New Action Plans in all the vulnerable zones of the country has been entrusted by the Ministry of Rural Development and Food to the Agricultural University of Athens and is under preparation. 	Ministry of Rural Development and Food
	<ul style="list-style-type: none"> • Systematic monitoring of nitrate levels in WBs that are or may be subject to nitrate pollution. 	Special Secretariat for Water, Ministry of Rural Development and Food
Plant Protection Products (Directive 2009/128/EK, Regulation (EU) No. 1107/2009, Regulation (EU) No. 652/2014)	<ul style="list-style-type: none"> • Rational use of plant protection products 	Ministry of Rural Development and Food
Major Accidents (Seveso) Directive (2012/18/EC)	<ul style="list-style-type: none"> • Keeping registration and records of installations that are in line with the provisions of the Directive 	Decentralized administration
Sewage sludge Directive (86/278/EEC)	<ul style="list-style-type: none"> • Setting up a Joint Ministerial Decision, on Measures, Conditions and Procedures for the Use of Sludge from Domestic and Urban Wastewater Treatment and Certain Wastewater, in compliance with the provisions of Directive 86/278 / EEC and in replacement of Joint Ministerial Decision 80568/4225 / 1991 and promotion of actions related to the safe disposal of treated sludge. 	Ministry of Environment and Energy
Urban Waste Water Treatment Directive (91/271/ EC, 98/15/ EC)	<ul style="list-style-type: none"> • Completion of sewerage and waste water treatment projects of the settlements that concerns the provisions of the Directive (covering all agglomerations with a population greater than 2,000 p.e.). 	Region, MEWSS, Municipalities
	<ul style="list-style-type: none"> • Strengthening actions to control the effective operation of existing wastewater treatment and drainage projects. 	Region

1.4.2 Basic Measures of other categories (Group II Basic Measures)

Table 4-2. Basic measures of other categories

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M02B0201 Upgrading of the organizational function of organizations of land reclamation for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B'/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services	Measures to implement the cost recovery principle (Art. 9)	YES	Organization of Land reclamation (Local, General) / Region / Ministry of Environment & Energy (Special Secretariat for Water) /Ministry of Rural Development & Food
M02B0202 Upgrade of the organizational function of MEWSS for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B'/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	YES	MEWSS / Ministry of Environment & Energy (Special Secretariat for Water) / Ministry of Interior
M02B0203 Upgrading of the organizational function of the Local Government Organizations for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B'/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	YES	Local Government Organizations / Ministry of Environment & Energy (Special Secretariat for Water) / Ministry of Interior
M02B0204 Training and expertise of all the stakeholders (Decentralized Administrations, Regions, MEWSS, LOLR, Local Government Organizations of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B'/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	YES	Ministry of Environment & Energy (Special Secretariat for Water)
M02B0301 Preparation / Update of the Water Supply Masterplan	Measures to promote an efficient and sustainable water use (Art. 4)	YES	MEWSS / Municipalities /Water suppliers/ Decentralized Administration (Water Directorate)
M02B0302 Actions for the reinforcement, rehabilitation, modernization of water supply networks and leakage control	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Municipalities / MEWSS / Drinking water providers / Region / Decentralized Administration (Water Directorate)
M01B0303 Increase the efficiency of water use in land reclamation infrastructures	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Ministry of Rural Development and Food, Regions

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M02B0304 Investments for saving water in agriculture	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Individuals / Irrigation water providers / Ministry of Rural Development and Food / Regions
M02B0305 Determination of maximum irrigation requirements for crops for private water abstractions	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Decentralized Administration (Water Directorate), Regional directorate of Rural Economy and Veterinary Medicine
M02B0306 Strengthening loss reduction actions on collective irrigation networks	Measures to promote an efficient and sustainable water use (Art. 4)	YES	GOLR/LOLR/Collective Irrigation Networks, Region
M02B0307 Preparation of manual of technical specifications for application of water reuse methods	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Ministry of Environment & Energy (Special Secretariat for Water)
M02B0308 Update of the existing Strategic Plan to Address Water Scarcity and Drought	Measures to promote an efficient and sustainable water use (Art. 4)	YES	Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)
M02B0401 Definition and delimitation of zones and / or measures for the protection of water abstraction points, intended for human consumption from groundwater bodies	Measures to meet the requirements of Article 7 (drinking water)	YES	Decentralized Administration (Water Directorate) and Drinking water providers (MEWSS, Municipalities etc.)
M02B0402 Protection of GWBs included in the registry of protected areas for human consumption and establishment of an institutional framework of protection	Measures to meet the requirements of Article 7 (drinking water)	YES	Decentralized Administration (Water Directorate)
M02B0403 Surface water projects for water supply protection	Measures to meet the requirements of Article 7 (drinking water)	YES	Municipalities / MEWSS / Water providers / Decentralized Administration (Water Directorate)
M02B0404 Implementation of Water Safety Plans	Measures to meet the requirements of Article 7 (drinking water)	YES	MEWSS, Municipalities, Drinking water providers, Decentralized Administration (Water Directorate)

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M02B0501 Restrictions, terms and conditions for the construction of groundwater abstraction projects (drilling, wells, etc.) for new uses, as well as extension of existing water use permits to: (a) area of GWBs in Poor quantitative status (b) the protection zone II of the abstractions serving the water supply networks that operated by Municipalities, Municipal Syndicates, MEWSS, Inter-MEWSS and drinking water companies , (c) zones of collective irrigation networks (d) coastal GWB with extensive or local salinization problems, regardless of their origin	Measures to control surface and groundwater abstractions	YES	Decentralized Administration (Water Directorate)
M02B0502 Annual online registration of surface and groundwater abstractions	Measures to control surface and groundwater abstractions	YES	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate), Regions
M02B0601 Investigation of the conditions for application of artificial underground aquifer enrichment as a mean of quantitative enhancement and quality protection of GWBs, with a priority for GWBs with poor condition and/or salinization issues.	Measures to control the artificial recharge of groundwater aquifers	YES	Region, Municipalities, Decentralized Administration (Water Directorate), Region
M02B0602 Establishment of a National Register of Waste Disposal Sites (Joint Ministerial Decision 145116/2011 (Government Gazette 354B)	Measures to control the artificial recharge of groundwater aquifers	YES	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)
M02B0701 Strengthening environmental inspections and controls	Measures for point source pollution	NEW MEASURE	Region
M02B0702 Modernization of national legislation on waste and industrial waste management	Measures for point source pollution	YES	Ministry of Environment & Energy (Special Secretariat for Water), Ministry of health
M02B0703 Program of exploratory monitoring of the quality of groundwater bodies and surface water bodies in the areas of existing Landfills	Measures for point source pollution	YES	Landfill Operators, National Monitoring Network coordinated by the Water Directorate
M02B0704 Conditions for the licensing of new / extension of existing aquaculture units	Measures for point source pollution	YES	Ministry of Environment & Energy, Decentralized Administration, Region
M02B0705 Preparation of rules for sinkholes protection	Measures for point and diffuse source of pollution	YES	Decentralized Administration (Water Directorate)
M02B0801 Biological agriculture	Measures for diffuse source pollution	YES	Ministry of Rural Development and Food (Directorate of Quality Systems, Organic Production and Geographical Indications)

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M02B0802 Modernization of the institutional framework for sludge management by municipal waste water treatment plants with emphasis on widening the scope and updating the quality characteristics of the applicable sludge	Measures for diffuse source pollution	YES	Ministry of Environment & Energy (Environmental Certification Directorate), Ministry of Rural Development and Food
M02B0803 Reduce diffuse pollution from agriculture in the Nitrate Vulnerable Zones of the Directive 91/676/EEC	Measures for diffuse source pollution	NEW MEASURE	Ministry of Rural Development and Food, Regions
M02B0901 Establishment of an institutional framework for the definition of the conditions for the protection of recreational inland waters of Article 6 Directive 2000/60/EK -Temporary regulation for new projects in inland water bodies which are included as recreational waters in the Register of Protected Areas under Article 6 of Directive 2000/60/EC	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	YES	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)
M02B0902 Determination of minimum natural lakes waterlevel, determination of maximum waterlevel fluctuation of reservoirs	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	NEW MEASURE	Managing Authority, Region, Protected Areas Management Bodies, Decentralized Administration (Water Directorate)
M02B0903 Development of national methodology and specifications for the determination of ecological flows of river water bodies	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	YES	Ministry of Environment & Energy (Special Secretariat for Water)
M02B0904 Special Measures to Achieve Good Ecological Potential in Heavily Modified Water Bodies (HMWB)	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	NEW MEASURE	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate), Region

CODE - NAME OF MEASURE	CATEGORY	1 st RBMP	IMPLEMENTING BODIES
M02B0905 Determination of selected areas for river sediment deposits removal to meet the needs of technical projects	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	YES	Region, Decentralized Administration (Water Directorate), Municipalities
M02B0906 Monitoring, recording and rehabilitation of coastal erosion	Measures for any other significant adverse impacts on the status of water, in particular concerning hydromorphological alterations of SWB	NEW MEASURE	Ministry of Infrastructure, and Transport, Decentralized Administration (Water Directorate),
M02B1101 Compilation of pollution sources register (emissions, discharges and leaks)	Measures for Priority Substances and other pollutants.	YES	Ministry of Environment & Energy (Special Secretariat for Water)
M02B1102 Establishment / setting of emission limits in RBs for priority substances and other pollutants of the Joint Ministerial Decision 51354/2641 / E103 / 2010 as in force, as well as for Physico Chemical parameters in relation to the quality objectives set out in the Management Plans	Measures for Priority Substances and other pollutants.	YES	Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)

1.4.3 Supplementary measures

1.4.3.1 Horizontal supplementary measures

Horizontal supplementary measures concern/ affect all WB of the RBD.

Table 4-3. Horizontal supplementary measures

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB	IMPLEMENTING BODIES	COST (€)
M02Σ0201 Development of a Monitoring Programme for the implementation of the Programme of Measures of the RBMP in the RBD and provision of supporting services for the implementation of the PoM.	Administrative measures	NEW MEASURE	Horizontal	Decentralized Administration (Water Directorate)	650.000
M02Σ0202 Control and management of artesian wells	Abstraction Controls	YES	Horizontal	Owner of the well, Decentralized Administration (Water Directorate)	0
M02Σ0501 Emission controls at the outlets of stormwater culverts and other point sources of pollution that result in surface water bodies	Emission controls	NEW MEASURE	Horizontal	Municipalities / MEWSS / Region/ Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)	100.000
M02Σ0502 Implementation of investments in agriculture and livestock holdings, aiming at improving environmental performance.	Emission controls	NEW MEASURE	Horizontal	Ministry of Rural Development and Food/ Regions	345.000
M02Σ1501 Professional training of agro-farmers for the protection of WB	Educational measures	YES	Horizontal	Special Management Service of the Rural Development Program of Ministry of Rural Development and Food, Region	175.950
M02Σ1502 Informing and raising public awareness on water issues	Educational measures	YES	Horizontal	Ministry of Environment & Energy (Special Secretariat for Water), Regions, Municipalities, MEWSS, Decentralized Administration (Water Directorate)	100.000

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB	IMPLEMENTING BODIES	COST (€)
M02Σ1503 Strengthening environmental program actions in Primary Education and Secondary Education	Educational measures	YES	Horizontal	Ministry of Education, Research and Religious Affairs and Ministry of Environment & Energy (Special Secretariat for Water), Regions, Municipalities, MEWSS, Decentralized Administration (Water Directorate)	100.000
M02Σ1601 Pilot measures to apply precision agriculture to reduce water consumption	Research, development & demonstration projects	NEW MEASURE	Horizontal	Special Management Service of the Rural Development Program of Ministry of Rural Development and Food, Regions	303.600
M02Σ1602 Consultancy services for agriculture exploitation management	Research, development & demonstration projects	NEW MEASURE	Horizontal	Decentralized Administrations of the Ministry of Rural Development and Food	469.200
M02Σ1603 Design and Implementation of a Special Exploratory Monitoring Program for the purpose of collecting data on the primary designation of WB Downstream Dams as HMWB	Research, development & demonstration projects	NEW MEASURE	Horizontal	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)	250.000

1.4.3.2 Supplementary measures

Table 4-4. Supplementary measures in Streams basins of N. Peloponnese (EL0227)

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M02Σ0203 Prohibition of river sediment deposits removal, except for flood protection until the necessary studies have been carried out to identify selected sites for the needs of engineering projects	Administrative measures	2.05	EL0227R000300004N	CHARADROS STREAM	Decentralized Administration, Region	0 €
			EL0227R001700016N	KRATHIS R._1		
M02Σ0204 Sealing of private irrigation drilling of the AOSAK area of responsibility after the construction of the Asopos dam and the improvement / modernization of the AOSAK irrigation network	Administrative measures	2.04	EL0200190	Systema Korinthou-Kiatou	Decentralized Administration, Region	0 €
M02Σ0503 Inspections for compliance with the limits of disposal from industrial, processing and livestock-poultry units within the catchment area of the SWB, at least twice a year	Emission controls	5.04	EL0227R000500005N	FINIKAS R._1	Region,Decentralized Administration	0 €
			EL0227R000700007N	MEGANITAS STREAM		
			EL0227R001300013N	VOURAIKOS R._3		
			EL0227R002100021N	DERVENIO STREAM		
			EL0227R002100023N	FONISSA STREAM		
			EL0227R002300024N	TRIKALITIKOS R._1		
			EL0227R002700026N	KIRILLOU STREAM		
			EL0227R002900027N	ASOPOS R._1		
			EL0227R003300032N	REZANI STREAM		
EL0227R003700034H	POTAMIA STREAM_2					
M02Σ0801 Determination and delimitation of GWB areas which are of poor quality due to salinization or have local salinization problems	Abstraction controls	ΟΣ_ΥΔ02_7	EL0200140	Systema Voreias Achaias	Decentralized Administration, Region	200.000 €
			EL0200170	Systema Voreias Korinthias		
			EL0200190	Systema Korinthou-Kiatou		
			EL0200200	Systema Arachnaiou		
M02Σ0802 Systematic monitoring of quality status of licensed water abstractions in GWB with high natural background (e.g. chlorides)	Abstraction controls	ΟΣ_ΥΔ02_5	EL0200200	Systema Arachnaiou	Decentralized Administration, Region	0 €

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CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M02Σ0804 Restriction of use of water drilling after the execution of a water supply project	Abstraction controls	13.01	EL0200190	Systima Korinthou-Kiatou	Decentralized Administration, Region, Municipality, Municipal Water Company	0 €
M02Σ0805 Install an Exploratory Monitoring Network. Drafting a Special Management Plan for the Stymphalia closed basin for abstractions control	Abstraction controls	New Measure	EL0200220	Systima Zireias	Ministry of Environment & Energy, Decentralized Administration, Region	300.000 €
M02Σ0806 Restrictions, terms and conditions for the construction of new water supply projects in Subsystem EL0200173 of GWB EL0200170 of Northern Corinth	Abstraction controls	New Measure	EL0200170 (EL0200173)	Systima Voreias Korinthias (Subsystem)	Decentralized Administration	0 €
M02Σ1401 Implementation of Artificial recharge of aquifers Project	Artificial Recharge	14.01	EL0200190	Systima Korinthou-Kiatou	Ministry of Rural Development and Food,, Decentralized Administration, Region	100.000 €

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CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M02Σ1604 Design of central processing units for agro-animal waste and processing plants	Research, development & demonstration projects	OM09-1			Ministry of Environment & Energy, Region, Decentralized Administration	300.000 €
			EL0227R000500005N	FINIKAS R._1		
			EL0227R000700007N	MEGANITAS STREAM		
			EL0227R001300013N	VOURAIKOS R._3		
			EL0227R002100021N	DERVENIO STREAM		
			EL0227R002100023N	FONISSA STREAM		
			EL0227R002300024N	TRIKALITIKOS R._1		
			EL0227R002700026N	KIRILLOU STREAM		
			EL0227R002900027N	ASOPOS R._1		
			EL0227R003300032N	REZANI STREAM		
EL0227R003700034H	POTAMIA STREAM_2					

Table 4-5. Supplementary measures in Piros - Vergas - Pinios RB (EL0228)

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M02Σ0503 Inspections for compliance with the limits of disposal from industrial, processing and livestock-poultry units within the catchment area of the SWB, at least twice a year	Emission controls	5.04	EL0228R000100001N	IARDANOS STREAM	Region, Decentralized Administration	0 €
			EL0228R000201002N	PINIOS R._1		
			EL0228R000208014N	SKOUROPOTAMOS STREAM		
			EL0228R000700017N	VERGAS STREAM		
			EL0228R000900019N	MANNA STREAM_2		
			EL0228R000900020N	MANNA STREAM_3		
			EL0228R000402022N	SERDINI STREAM		
			EL0228R000403023N	PIROS R._2		
			EL0228R000404024N	PARAPIROS STREAM_1		
			EL0228R000405027N	PIROS R._3		
EL0228T0001N	PAPA LAGOON (ARAXOS)					
M02Σ0801 Determination and delimitation of GWB areas which are of poor quality due to salinization or have local salinization problems	Abstraction controls	ΟΣ_ΥΔ02_7	EL0200090	Systema p.Larissou	Decentralized Administration, Region	50.000 €
M02Σ1301 Rehabilitation project of the lido	Infrastructure Rehabilitation projects	13.06	EL0228T0004N	KOTICHI LAGOON	Protected Area Managing Body, Ministry of Environment & Energy	50.000 €

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CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M02Σ1604 Design of central processing units for agro-animal waste and processing plants	Research, development & demonstration projects	OM09-1			Ministry of Environment & Energy, Region, Decentralized Administration	300.000 €
			EL0228R000100001N	IARDANOS STREAM		
			EL0228R000201002N	PINIOS R._1		
			EL0228R000208014N	SKOUROPOTAMOS STREAM		
			EL0228R000700017N	VERGAS STREAM		
			EL0228R000900019N	MANNA STREAM_2		
			EL0228R000900020N	MANNA STREAM_3		
			EL0228R000402022N	SERDINI STREAM		
			EL0228R000403023N	PIROS R._2		
			EL0228R000404024N	PARAPIROS STREAM_1		
EL0228R000405027N	PIROS R._3					
EL0228T0001N	PAPA LAGOON (ARAXOS)					

Table 4-6. Supplementary measures in Kefalonia – Ithaca – Zakynthos RB (EL0245)

CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M02Σ0503 Inspections for compliance with the limits of disposal from industrial, processing and livestock-poultry units within the catchment area of the SWB, at least twice a year	Emission controls	5.04	EL0245R000100001N	AGIA EUFIMIA STREAM	Region, Decentralized Administration	0 €
			EL0245C0014N	GULF OF ARGOSTOLI		
M02Σ0801 Determination and delimitation of GWB areas which are of poor quality due to salinization or have local salinization problems	Abstraction controls	ΟΣ_ΥΔ02_7	EL0200020	Systema Lixouriou - Skalas	Decentralized Administration, Region	100.000 €
			EL0200050	Systema Zakynthou		
M02Σ0802 Systematic monitoring of quality status of licensed water abstractions in GWB with high natural background (e.g. chlorides)	Abstraction controls	ΟΣ_ΥΔ02_5	EL0200010	Systema Kefalonias	Decentralized Administration, Region	0 €
			EL0200040	Systema Vrachiona		

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CODE & NAME OF MEASURE	CATEGORY	1st RBMP	AFFECTED WB		IMPLEMENTING BODIES	COST (€)
M02Σ0808 Reduction or replacement of groundwater abstractions with abstractions from a surface WB or other GWB or technical project (Water Reservoir, dam, desalination)	Abstraction controls	8.03	ELO200050	Systima Zakynthou	Decentralized Administration Municipal Water Company of Zakynthos	50.000 €
M02Σ0809 Restrictions, terms and conditions for the construction of new water supply projects in certain GWB of Ionio with salinization problems	Abstraction controls	New Measure	ELO200010	Systima Kefalonias	Decentralized Administration, Region	0 €
			ELO200020	Systima Lixouriou - Skalas		
			ELO200040	Systima Vrachiona		
			ELO200050	Systima Zakynthou		
M02Σ0810 Organization and execution of exploratory monitoring of the chemical and quantitative status of the GWB of Zakynthos	Abstraction controls	New Measure	ELO200050	Systima Zakynthou	Decentralized Administration Municipal Water Company of Zakynthos	0 € Cost covered by Municipal Water Company of Zakynthos
M02Σ1604 Design of central processing units for agro-animal waste and processing plants	Research, development & demonstration projects	OM09-1			Ministry of Environment & Energy, Region, Decentralized Administration	300.000 €
			ELO245R000100001N	AGIA EUFIMIA STREAM		
			ELO245C0014N	GULF OF ARGOSTOLI		
M02Σ1701 Densification/Consolidation of the GWB monitoring network	Other	New Measure	ELO200050	Systima Zakynthou	Special Secretariat for Water, Decentralized Administration	0 €

1.5 1st Revision of the Management Plan of Western Sterea Ellada (EL04)

Implementation timetable

The measures are divided into the following implementation timetable categories:

- Short term: Immediate implementation is possible
- Medium term: Implementation within 2 years
- Long term: Their implementation requires more than 2 years

Implementing bodies

For each measure, the implementing bodies are presented. The national legislation details the jurisdictions of each implementing body. Each measure can be implemented from additional implementing bodies, not mentioned below, if this derives from the legal framework.

New projects and activities

In the present Programme of Basic and Supplementary measures specific restrictions or requirements are set for “new” projects and activities. These restrictions or requirements do not apply on projects and activities that are already operational or under construction or have already secured funding or have at least one administrative act approved.

1.5.1 Actions implementing EU Directives (Group I Basic Measures)

The planned actions for the implementation of EU Directives and National legislation for the protection of WB are presented in the following table.

Table 5-1. Actions for the implementation of EU Directives

DIRECTIVE	PLANNED ACTIONS	IMPLEMENTING BODIES
Bathing water Directive (2006/7/ EC)	<ul style="list-style-type: none"> • Continue to monitor the quality of bathing water in accordance with Directive 2006/7 / EC. 	Special Secretariat for Water,
	<ul style="list-style-type: none"> • Updating the Greek Bathing Water Profiles Registry 	Directorate of Water of the Decentralized Administration
Habitats Directive (92/43/EEC) Birds Directive (2009/147/ EC)	<ul style="list-style-type: none"> • Setting /Approval Management Plans for protected areas of Natura 2000 network relating with water management issues 	Ministry of Environment and Energy, Protected Areas Management Bodies
	<ul style="list-style-type: none"> • Monitoring/Assessment of the conservation status of habitats and species directly depending on water in Natura 2000 areas. 	
Drinking water (Directives 98/83/ EC, 2015/1787/ EC)	<ul style="list-style-type: none"> • Monitoring of the implementation of the Directive 	Ministry of Health

DIRECTIVE	PLANNED ACTIONS	IMPLEMENTING BODIES
Environmental Impact Assessment Directives (2011/92/EC, 2014/52/EC)	Amendment of the Ministerial Decision 170225/2014 – (Specifications for the contents of environmental permitting dossiers for projects and activities of category A) so that for certain categories of projects, which should be first specified, to make the following mandatory: <ul style="list-style-type: none"> • Emissions of pollutants by category, • Calculation of pollution impacts in WB defined in the Management Plans and • Comparing these concentrations with the Environmental Quality Standards. • Establishment of a monitoring program and notification of results to the relevant Water Directorate. 	Ministry of Environment and Energy
Industrial Emissions Directive IED, (2010/75/EC)	<ul style="list-style-type: none"> • Keeping registration and records of installations that are in line with the provisions of the Directive 	Decentralized administration
Nitrates Directive (91/676/EC)	<ul style="list-style-type: none"> • Implementation of New Action Plans. The drafting of New Action Plans in all the vulnerable zones of the country has been entrusted by the Ministry of Rural Development and Food to the Agricultural University of Athens and is under preparation. 	Ministry of Rural Development and Food
	<ul style="list-style-type: none"> • Systematic monitoring of nitrate levels in WBs that are or may be subject to nitrate pollution. 	Special Secretariat for Water, Ministry of Rural Development and Food
Plant Protection Products (Directive 2009/128/EC, Regulation (EU) No. 1107/2009, Regulation (EU) No. 652/2014)	<ul style="list-style-type: none"> • Rational use of plant protection products 	Ministry of Rural Development and Food
Major Accidents (Seveso) Directive (2012/18/EC)	<ul style="list-style-type: none"> • Keeping registration and records of installations that are in line with the provisions of the Directive 	Decentralized administration

DIRECTIVE	PLANNED ACTIONS	IMPLEMENTING BODIES
Sewage sludge Directive (86/278/EEC)	<ul style="list-style-type: none"> Setting up a Joint Ministerial Decision, on Measures, Conditions and Procedures for the Use of Sludge from Domestic and Urban Wastewater Treatment and Certain Wastewater, in compliance with the provisions of Directive 86/278 / EEC and in replacement of Joint Ministerial Decision 80568/4225 / 1991 and promotion of actions related to the safe disposal of treated sludge. 	Ministry of Environment and Energy
Urban Waste Water Treatment Directive (91/271/ EC, 98/15/ EC)	<ul style="list-style-type: none"> Completion of sewerage and waste water treatment projects of the settlements that concerns the provisions of the Directive (covering all agglomerations with a population greater than 2,000 p.e.). 	Region, MEWSS, Municipalities
	<ul style="list-style-type: none"> Strengthening actions to control the effective operation of existing wastewater treatment and drainage projects. 	Region

1.5.2 Basic Measures of other categories (Group II Basic Measures)

Table 5-2. Basic measures of other categories

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP	IMPLEMENTING BODIES
M04B0201 Upgrading of the organizational function of organizations of land reclamation for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services	Measures to implement the cost recovery principle (Art. 9)	NEW MEASURE	Organization of Land reclamation (Local, General) / Region / Ministry of Environment & Energy (Special Secretariat for Water) /Ministry of Rural Development & Food
M04B0202 Upgrade of the organizational function of MEWSS for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	NEW MEASURE	MEWSS / Ministry of Environment & Energy (Special Secretariat for Water) / Ministry of Interior
M04B0203 Upgrading of the organizational function of the Local Government Organizations for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	NEW MEASURE	Local Government Organizations / Ministry of Environment & Energy (Special Secretariat for Water) / Ministry of Interior

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP	IMPLEMENTING BODIES
M04B0204 Training and expertise of all the stakeholders (Decentralized Administrations, Regions, MEWSS, LOLR, Local Government Organizations of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	NEW MEASURE	Ministry of Environment & Energy (Special Secretariat for Water)
M04B0301 Preparation / Update of the Water Supply Masterplan	Measures to promote an efficient and sustainable water use (Art. 4)	Amendment / Specialization of measure WD04B080	MEWSS / Municipals /Water suppliers/ Decentralized Administration (Water Directorate)
M04B0302 Actions for the reinforcement, rehabilitation, modernization of water supply networks and leakage control	Measures to promote an efficient and sustainable water use (Art. 4)	Modification / Specialization of the measure WD04B110	Municipals / MEWSS / Drinking water providers / Region / Decentralized Administration (Water Directorate)
M04B0303 Increase the efficiency of water use in land reclamation infrastructures	Measures to promote an efficient and sustainable water use (Art. 4)	Modification / Specialization of the measure WD04B060	Ministry of Rural Development and Food, Regions
M04B0304 Investments for saving water in agriculture	Measures to promote an efficient and sustainable water use (Art. 4)	Modification / Specialization of the measure WD04B060	Individuals / Irrigation water providers / Ministry of Rural Development and Food / Regions
M04B0305 Determination of maximum irrigation requirements for crops for private water abstractions	Measures to promote an efficient and sustainable water use (Art. 4)	Modification / Specialization of the measure WD04B160	Decentralized Administration (Water Directorate), Regional directorate of Rural Economy and Veterinary Medicine
M04B0306 Strengthening loss reduction actions on collective irrigation networks	Measures to promote an efficient and sustainable water use (Art. 4)	Modification / Specialization of the measure WD04B060	GOLR/LOLR/ Collective Irrigation Networks, Region
M04B0307 Preparation of manual of technical specifications for application of water reuse methods	Measures to promote an efficient and sustainable water use (Art. 4)	Specialization of the measure WD04B070	Ministry of Environment & Energy (Special Secretariat for Water)
M04B0308 Update of the existing Strategic Plan to Address Water Scarcity and Drought	Measures to promote an efficient and sustainable water use (Art. 4)	NEW MEASURE	Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)
M04B0401 Definition and delimitation of zones and / or measures for the protection of water abstraction points, intended for human consumption from groundwater bodies	Measures to meet the requirements of Article 7 (drinking water)	Modification / Specialization of the measure WD04B090	Decentralized Administration (Water Directorate) and Drinking water providers (MEWSS, Municipals etc.)

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP	IMPLEMENTING BODIES
M04B0402 Protection of GWBs included in the register of protected areas for human consumption and establishment of an institutional framework of protection	Measures to meet the requirements of Article 7 (drinking water)	Modification / Specialization of the measure WD04B130	Decentralized Administration (Water Directorate)
M04B0403 Surface water projects for water supply protection	Measures to meet the requirements of Article 7 (drinking water)	Modification / Specialization of the measure WD04B115	Municipals / MEWSS / Water providers / Decentralized Administration (Water Directorate)
M04B0404 Implementation of Water Safety Plans	Measures to meet the requirements of Article 7 (drinking water)	Modification / Specialization of the measure WD04B020	MEWSS, Municipals, Drinking water providers, Decentralized Administration (Water Directorate)
M04B0501 Restrictions, terms and conditions for the construction of groundwater abstraction projects (drilling, wells, etc.) for new uses, as well as extension of existing water use permits to: (a) area of GWBs with a Bad quantitative status (b) the protection zone II of the abstraction projects serving the water supply networks that operated by Municipals, Municipal links, MEWSS, Inter-MEWSS and drinking water companies , (c) zones of collective irrigation networks (d) coastal GWB with extensive or local sanitation problem, regardless of their origin	Measures to control surface and groundwater abstractions	Modification / Specialization of the measure WD04B200	Decentralized Administration (Water Directorate)
M04B0502 Annual electronic recording of measurements of surface and groundwater abstractions	Measures to control surface and groundwater abstractions	Modification / Specialization of the measure WD04B140 and WD04B150	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate), Regions
M04B0601 Investigation of the conditions for application of artificial underground aquifer enrichment as a mean of quantitative enhancement and quality protection of GWBs, with a priority for GWBs with poor condition and treatment of sanitation.	Measures to control the artificial recharge of groundwater aquifers	Continuation of measure WD04B210	Region, Municipals, Decentralized Administration (Water Directorate), Region
M04B0602 Establishment of a National Register of Waste Disposal Sites (Joint Ministerial Decision 145116/2011 (Government Gazette 354B)	Measures to control the artificial recharge of groundwater aquifers	Continuation of measure WD04B350	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)
M04B0701 Strengthening environmental inspections and controls	Measures for point source pollution	NEW MEASURE	Region
M04B0702 Modernization of national legislation on waste and industrial waste management	Measures for point source pollution	Continuation of measure WD04B280	Ministry of Environment & Energy (Special Secretariat for Water), Ministry of health

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP	IMPLEMENTING BODIES
M04B0703 Program of exploratory monitoring of the quality of groundwater bodies and surface water bodies in the areas of existing Landfills	Measures for point source pollution	Modification / Specialization of the measure WD04S090	Landfill Operators, National Monitoring Network coordinated by the Water Directorate
M04B0704 Conditions for the licensing of new / extension of existing aquaculture units	Measures for point source pollution	NEW MEASURE	Ministry of Environment & Energy, Decentralized Administration, Region
M04B0705 Preparation of rules for cesspit protection	Measures for point and diffuse source of pollution	Modification / Specialization of the measure WD04S070	Decentralized Administration (Water Directorate)
M04B0801 Biological agriculture	Measures for diffuse source pollution	Modification / Specialization of the measure WD04B310.	Ministry of Rural Development and Food (Directorate of Quality Systems, Organic Production and Geographical Indications)
M04B0802 Modernization of the institutional framework for sludge management by municipal waste water treatment plants with emphasis on widening the scope and updating the quality characteristics of the applicable sludge	Measures for diffuse source pollution	Continuation of measure WD04B320	Ministry of Environment & Energy (Environmental Certification Directorate), Ministry of Rural Development and Food
M04B0803 Reduce diffuse pollution from agriculture in the vulnerable zones of the Directive 91/676/EEC	Measures for diffuse source pollution	NEW MEASURE	Ministry of Rural Development and Food, Region
M04B0901 Establishment of an institutional framework for the definition of the conditions for the protection of recreational inland waters in Article 6 of Directive 2000/60 / EK - Temporary regulation of new projects in inland water bodies which are included as recreational waters in the Register of Protected Areas under Article 6 of Directive 2000/60 / EC	Measures to confront the negative effects on water status	Continuation of measure WD04B330	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)
M04B0902 Determination of minimum natural lakes level, determination of maximum range of reservoir level variation	Measures to confront the negative effects on water status	NEW MEASURE	Project principal, Region, Protected Areas Management Bodies, Decentralized Administration (Water Directorate)
M04B0903 Development of national methodology and specifications for the determination of ecological provision of river water bodies	Measures to confront the negative effects on water status	Modification / Specialization of the measure WD04B170	Ministry of Environment & Energy (Special Secretariat for Water)
M04B0904 Special Measures to Achieve Good Ecological dynamic in Heavily Modified Water Body/ bodies (HMWB)	Measures to confront the negative effects on water status	NEW MEASURE	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate), Region
M04B0905 Determination of selected areas for river sediment deposits removal to meet the needs of technical projects	Measures to confront the negative effects on water status	Continuation of measure WD04B340	Region, Decentralized Administration (Water Directorate)

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP	IMPLEMENTING BODIES
M04B0906 Monitoring, recording and rehabilitation of coastal erosion	Measures to confront the negative effects on water status	NEW MEASURE	Ministry of Infrastructure, Transport and Networks, Decentralized Administration (Water Directorate), Amvrakikos Management Body
M04B1101 Compilation of pollution sources register (emissions, discharges and leaks)	Measures for Priority Substances and other pollutants.	Modification / Specialization of the measure WD04B360	Ministry of Environment & Energy (Special Secretariat for Water), Amvrakikos Management Body
M04B1102 Establishment / setting of emission limits for RBs for priority substances and other pollutants in the Joint Ministerial Decision 51354/2641 / E103 / 2010 as in force, as well as for FSX parameters in relation to the quality objectives set out in the Management Plans	Measures for Priority Substances and other pollutants.	Continuation of measure WD04B240	Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)

1.5.3 Supplementary measures

For achieving the goals of the RBMP, the implication of the basic measures is essential to be supported by supplementary measures.

Methodologically, supplementary measures were suggested:

- a) For the conservation of the status of the SWB's and the GWB's, along with increasing the knowledge and awareness related to the rational water usage of targeted users. In this case, the supplementary measures are horizontally implied and the WB's to be impacted are not exclusively defined.
- b) For WB's estimated that, despite the measure programme implication, won't reach their "good status" goal by 2021, and more specifically:
 - For WB's that, according to measurements of their qualitative and quantitative parameters or to the new grouping methodological approach, have a "lower than good" status.
 - For WB's that, while they have an unknown or good status, there are certain indications through the analysis of the pressures, that they are in danger of not achieving their environmental goals.

Measurements of (b) case are taken into consideration for the calculation of the environmental cost and/or the resource cost, according to the predictions of the JMD 135275 of the National Water Committee (GG 1751/B/22-05-2017).

The table that follows records the WB's of the RBD for which the adoption of specific supplementary measures is required.

Table 5-3. Supplementary measures

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP.	AFFECTED WB	IMPLEMENTING BODIES	IMPLEMENTATION COST (€)
M04Σ0201 Development of the Monitoring System of the Measures Program of the RBMP of the River basic district and provision of support services for the implementation of the program of measures of the River basic district.	Administrative measures	New measure	All WB	Decentralized Administration (Water Directorate)	650.000
M04Σ0202 Prohibition of sand extraction from river WBs of Acheloos downstreams of the Artificial lake of Stratos until a special study is conducted per River Basin regarding the designation of areas appropriate for sand extraction.	Administrative measures	The measure is related to the WD04S010 measure of the first RBMP	EL0415R000200003H (ACHELOOS P.2), EL0415R000200011H (ACHELOOS P.5),	Decentralized Administration	
M04Σ0203 Redelimitation of coastal WBs to the maritime area between the coasts Aitolokarnanias, Lefkadas and Echinadon nison	Administrative measures	New measure	"Dyt. Esoteriko archipelagos Ioniou (Echinades) kai Ormos Vasilikis"(EL0444C000 4N) "Anat. Esoteriko archipelagos Ioniou (Echinades)"(EL0415C 0003N)	Ministry of Environment & Energy / Decentralized Administrations	0
M04Σ0204 Completion of the procedure of the Joint Ministerial Decision 146896/2014 for the water abstraction points registered in the National Abstraction Point Register GWB EL0400170 SYSTIMA VASILIKIS-NYDRIOY-LEYKADAS	Administrative measures	New measure	EL0400170 (Systima Vasilikis-nydriou-lefkadas)	Decentralized Administration (Water Directorate), Regions (Environmental directorate)	0
M04Σ0401 Initiatives on making an environmental agreement between the Management Authority of the protected areas of Mesologgi lagoon-Acheloos estuary and the agricultural sector in order to reduce the negative effects of farming on the wetland habitats.	Environmental agreements after negotiations	The measure is related to the WD04S040 measure of the first RBMP	EL0415R000101001N (AGRILIAS R.), EL0415R000200003H (ACHELOOS P.2), EL0415T0002N (Limnothalassa Mesolongiou (Kentriki, Kleisova))	Management Body of Messolonghi Lagoon	20.000
M04Σ0402 Initiatives on making an environmental agreement between the Management Authority of the protected area of the National Park of Mesologgi lagoons and the Authorities of fishermen and aquaculture in order to limit any possible negative effects of the extensive and intensive aquaculture on the status of the transitional and coastal water bodies and ecosystems.	Environmental agreements after negotiations	The measure is related to the WD04S050 measure of the first RBMP	EL0415R000101001N (AGRILIAS R.), EL0415R000200003H (ACHELOOS P.2), EL0415T0002N (Limnothalassa Mesolongiou (Kentriki, Kleisova))	Management Body of Messolonghi Lagoon	20.000

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP.	AFFECTED WB	IMPLEMENTING BODIES	IMPLEMENTATION COST (€)
M04Σ0501 Inspections at the estuaries of rainwater pipelines and other point sources of pollution that result in surface water bodies	Emission control	New measure	All WB	Municipals / MEWSS / Region / Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)	120.000
M04Σ0502 Implementation of investment in agriculture and livestock holdings, aiming on improving environmental performance.	Emission control	New measure	All WB	Ministry of Rural Development and Food / Regions	189.500
M04Σ0503 Inspections for compliance with the limits of disposal by industrial processing and livestock farms in a catchment area of the WBD at least twice a year	Emission control	New measure	For SWB classified as "failing to achieve good" ecological or chemical status	Region, Decentralized Administration (Water Directorate)	200.000
M04Σ0701 Projects for the improvement of the hydraulic connection between some parts of the Mesologgi-Etoliko lagoons and Acheloos estuary system, which faces problems of insufficient fresh or saltwater supply.	Recreation and restoration of wetlands	The measure is related to the WD04S120 measure of the first RBMP	EL0415T0002N (Limnothalassa Mesolongiou (Kentriki, Kleisova))	Management Body of Messolonghi Lagoon	20.000.000
M04Σ0702 Assessment of a study for the examination of the possibility of re-opening the tunnel outfall of Lysimachia in limnothalassa Aitolikou	Recreation and restoration of wetlands	New measure		Decentralized Administration, Regions, Protected area Management Body	50.000,00
M04Σ0801 Systematic monitoring of quality state in Licensed abstractions wells in ground water bodies with high natural background level (chlorides)	Abstractions Control	The measure is related to the WD04S150 measure of the first RBMP	EL0400020 (Systima Akarnanikon oreon), EL0400080 (Systima Delta Acheloou-oiniaddon), EL0400130 (Systima Olonou-pindou), EL0400140 (Systima Amfilochias), EL0400160 (Systima Lefkadas), EL0400170 (Systima Vasilikis – Nydriou - Lefkadas), EL0400260 (Systima Meganisiou - Kastou - Kalamou)	Decentralized Administration (Water Directorate) / Regions	20.000

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP.	AFFECTED WB	IMPLEMENTING BODIES	IMPLEMENTATION COST (€)
M04Σ0802 Installing operating valve in artesian wells	Abstractions Control	The measure is related to the WD04S140 measure of the first RBMP	All WB	Principal of the abstraction project, Decentralized Administration (Water Directorate)	0
M04Σ0803 Reduction or replacement of groundwater with pumping's abstractions from a SWB or other GWB or technical project (Ponds, dams, desalination)	Abstractions Control	New measure	EL0400170 (Systema Vasilikis – Nydriou - Lefkadas)	Decentralized Administration / Region / Municipal	50.000
M04Σ0804 Prohibiting the construction of new groundwater abstraction projects (drilling, wells, etc.) for new water uses and the extension of existing water use licenses to the GWB Systema Arakynthou (EL0400070).	Abstractions Control	New measure	GWB Arakynthos (EL0400070)	Decentralized Administration (Water Directorate)	0
M04Σ0805 Restrictions and conditions for the construction of new water abstraction projects in EL0400170 Systema Vasilikis-nydriou-lefkadas and EL0400160 Systema Lefkadas	Abstractions Control	New measure	Systema Lefkadas (EL0400160) Systema Vasilikis-nydriou-lefkadas (EL0400170)	Decentralized Administration (Water Directorate)	0
M04Σ0806 Control of licensed water abstraction in bad quantitative status GWB	Abstractions Control	New measure	EL0400170 (Systema Vasilikis-nydriou-lefkadas)	Regions (Environmental directorate), Decentralized Administration (Water Directorate)	0
M04Σ1001 Preparation of reuse of wastewater treatment studies for all existing tertiary treatment waste water treatment plants	Efficiency and reuse measures, promotion of water-efficient technologies in industry and water-saving irrigation techniques	Modification / Specialization of the measure WD08B030	All WB	Project owner, Decentralized Administration (Water Directorate) / Rural Development Directorates	40.000 (for each waste water treatment plant)
M04Σ1002 Recording water losses in water abstractions and exits of the water supply tanks	Efficiency and reuse measures, promotion of water-efficient technologies in industry and water-saving irrigation techniques	New measure	EL0400170 Systema Vasilikis-nydriou-lefkadas	Municipal drinking water service, Decentralized Administration (Water Directorate)	0

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP.	AFFECTED WB	IMPLEMENTING BODIES	IMPLEMENTATION COST (€)
M04Σ1301 Rehabilitation of the operation of the connecting ditch between Trichonida Lake and Lisimachi Lake	Projects of Infrastructure Rehabilitation	The measure is related to the WD04S260 measure of the first RBMP	EL0415L000000005H Limni Lysimachia	Region	150.000
M04Σ1501 Professional training of farmers for the protection of water bodies	Educational measures	New measure	All WB	Special Management Service of the Rural Development Program of Ministry of Rural Development and Food, Region	96.645
M04Σ1502 Informing and raising public awareness of water issues	Educational measures	New measure	All WB	Ministry of Environment & Energy (Special Secretariat for Water), Regions, Municipals, MEWSS, Decentralized Administration (Water Directorate)	50.000
M04Σ1503 Strengthening environmental program actions in Primary Education	Educational measures	New measure	All WB	Ministry of Environment & Energy (Special Secretariat for Water) and Ministry of Education, Research and Religious Affairs, Decentralized Administration (Water Directorate), Regions	50.000
M04Σ1601 Pilot measures to apply precision agriculture to reduce water consumption	Research, development & demonstration programmes	New measure	All WB	Special Management Service of the Rural Development Program of Ministry of Rural Development and Food, Regions	166.760
M04Σ1602 Consultancy services for agriculture exploitation management	Research, development & demonstration programmes	New measure	All WB	Decentralized Administrations of the Ministry of Rural Development and Food	257.720

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP.	AFFECTED WB	IMPLEMENTING BODIES	IMPLEMENTATION COST (€)
M04Σ1603 Design and implementation specific program exploratory monitoring with the aim of collecting data on the baseline identification of WB Downstream Dams as HMWB	Research, development & demonstration programmes	New measure	EL0415R000200011H (ACHELOOS P.5), EL0420R000200073H (EYINOS P.3), EL0421R000200085H (MORNOS P.2)	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)	250.000
M04Σ1604 Implementation of Special Control Programme for active substances which are contained in agrochemicals and which have been banned.	Research, development & demonstration programmes	The measure is related to the WD04S230 measure of the first RBMP	EL0415C0009N (Notios Amvrakikos kolpos), EL0415R000201002H (ACHELOOS P.1), EL0415T0002N (Limnothalassa Mesolongiou (Kentriki, Kleisova))	Decentralized Administration	90.000
M04Σ1605 Organizing and carrying out exploratory monitoring of its qualitative and quantitative status of the GWB EL0400170 Systima Vasilikis-nydriou-lefkadas	Research, development & demonstration programmes	New measure	EL0400170 (Systima Vasilikis – Nydriou - Lefkadas)	Municipal drinking water service, Decentralized Administration (Ionian Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)	25.000
M04Σ1606 Monitoring of the anxicity observed in the Amvrakikos Bay and the time evolution of this stratification	Research, development & demonstration programmes	New measure	EL0413C0009N (Notios Amvrakikos kolpos)	Amvrakikos Wetlands Management Body	100.000
M04Σ1607 Density increase of the monitoring network of GWBs.	Research, development & demonstration programmes	New measure	EL0400170 (Systima Vasilikis-nydriou-lefkadas)	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorates),	50.000

1.6 1st Revision of the Management Plan of Epirus (EL05)

Measure Implementation Timeline

In relation to the referring to the Measure Implementation Timeline, these are distinguished as:

- Short-term, which can be immediately applied.
- Mid-term, for which a preparation period is required for their implementation. This period estimated up to 2 years.
- Long-term, for which the preparation and/or construction period of measures exceeds the period of 2 years.

With regards to the mid-term and long-term implementation measures, the competent bodies responsible for the implementation should include in their immediate schedule all these acts needed for the maturation of the actions of measures, with the scope of including them in funding programmes. For the implementation progress of the programme, Water Directorates and the SSW should inform the competent bodies involved to design a wholistic time schedule for the action implementation, within their administrative boundaries of competence.

Bodies for measure implementation

In relation to the bodies for the implementation of measures, the following clarifications are made:

- For every measure its implementation body is mentioned. All the bodies responsible for supervising the programme implementation are defined by law, and these are the SSW and the Water Directorates of the Decentralized Administrations.
- The SSW coordinates and supervises the implementation of measures which are executed by Ministries and/or bodies of the Central Government. The Water Directorate coordinates and supervises the implementation of measures that are executed by regional services and/or bodies.
- The selection of the implementation bodies was made based on their competence, as it came up from the current institutional framework and the public administration structure.
- Reference on the implementation bodies is made on the basis of the senior administrative level of each body. In cases where lower administrative levels are referred to (e.g. Directorate or Department), this reference should only be indicative. The implementation body is the only one responsible for the inner distribution of competences for the implementation of measures based on the services provided. Additionally, the body should define the means and human resources needed for the implementation of its obligations.
- It is clarified that for the measures and actions the competent Water Directorate of the Decentralized Administration is referred to as implementation body, in cases where it would be incapable of implementing any phase or stage or even the measure as a whole, for any reason, this could be implemented in coordination with the SSW or with other competent services of the Decentralized Administration and the Administrative Regions.
- Regarding the implementation of the current Measure Programme, the spatial competence of the Regions and Decentralized Administrations, excluding the Water Directorates, is taking place within their administrative boundaries.
- In cases where more than one body is referred to, the first one is the implementation body of the measure and the following are supplementary.
- The National Water Committee, according to the No.706/2010 Decision (GG 1383/B/2010 and GG 1572/B/2010 - correction of Annex II) and the approval of the various River Basin Management Plans, defines the competent Decentralized Administrations per River Basin for each River Basin District of the country.

- According to the No. 160817/20.12.2016 Decision of MEE (ΑΔΑ: 7ΔΠΘ4653Π8-8ΓΡ), the members of the Regional Task Team for each RBD were defined, which is responsible for the coordination of the measure implementation in the RBD level.
- The measures could be also implemented by additional bodies, provided that this is predicted by the current institutional framework.

New projects and activities

It is clarified that in cases where during the current Programme of Basic and Supplementary Measures, prohibitions or restrictions or certain requirements for “new” projects or activities are predicted, these do not refer to projects or activities or extension/modifications which, during the time the 1st Revision of the RBMP was in force, are either in progress or under construction or they belong to more than one of the following cases:

1. An approval of environmental terms has been granted or a positive advise by the competent Water Directorate of the Decentralized Administration has been given, during the Environmental licensing process.
2. A permit application has been submitted, in relation to the execution of water utilization projects or to water usage, and has not been rejected from the request body.
3. They have not been included in funding programmes.
4. The execution permit of the projects or activities has been expired, but their execution has not been commenced and renewal is requested, while their technical characteristics have not been changed.
5. An administrative act for the project implementation has been occur, which provides the capability for the permit process of the project to advance.

In cases where projects fall into case 5 above, the Water Directorate could set additional specific terms/measures for the project or activity installation, with the scope of protecting the related WB’s and according to the 1st Revision predictions.

In case of serious reservations and doubts by the Water Directorate of the Decentralized Administration with regards to the inclusion or not in a certain project/activity in one of the above cases, the SSW should be consulted.

It is clarified that the current projects mentioned in the RBMP are not related to the current ones or the current water usages mentioned in the JMD 146896/2014 (completed water abstraction works or usages before 27-10-2014).

1.6.1 Actions implementing EU Directives (Group I Basic Measures)

The planned actions for the implementation of EU Directives and National legislation for the protection of WB are presented in the following table.

Table 6-1. Actions for the implementation of EU Directives

DIRECTIVE	PLANNED ACTIONS	IMPLEMENTING BODIES
Bathing water Directive (2006/7/ EC)	<ul style="list-style-type: none"> • Continue to monitor the quality of bathing water in accordance with Directive 2006/7 / EC. 	Special Secretariat for Water,

DIRECTIVE	PLANNED ACTIONS	IMPLEMENTING BODIES
	<ul style="list-style-type: none"> Updating the Greek Bathing Water Profiles Registry 	Directorate of Water of the Decentralized Administration
Habitats Directive (92/43/EEC) Birds Directive (2009/147/EC)	<ul style="list-style-type: none"> Setting /Approval Management Plans for protected areas of Natura 2000 network relating with water management issues 	Ministry of Environment and Energy, Protected Areas Management Bodies
	<ul style="list-style-type: none"> Monitoring/Assessment of the conservation status of habitats and species directly depending on water in Natura 2000 areas. 	
Drinking water (Directives 98/83/ EC, 2015/1787/ EC)	<ul style="list-style-type: none"> Monitoring of the implementation of the Directive 	Ministry of Health
Environmental Impact Assessment Directives (2011/92/EC, 2014/52/EC)	<p>Amendment of the Ministerial Decision 170225/2014 – (Specifications for the contents of environmental permitting dossiers for projects and activities of category A) so that for certain categories of projects, which should be first specified, to make the following mandatory:</p> <ul style="list-style-type: none"> Emissions of pollutants by category, Calculation of pollution impacts in WB defined in the Management Plans and Comparing these concentrations with the Environmental Quality Standards. Establishment of a monitoring program and notification of results to the relevant Water Directorate. 	Ministry of Environment and Energy
Industrial Emissions Directive IED, (2010/75/EC)	<ul style="list-style-type: none"> Keeping registration and records of installations that are in line with the provisions of the Directive 	Decentralized administration
Nitrates Directive (91/676/EC)	<ul style="list-style-type: none"> Implementation of New Action Plans. The drafting of New Action Plans in all the vulnerable zones of the country has been entrusted by the Ministry of Rural Development and Food to the Agricultural University of Athens and is under preparation. 	Ministry of Rural Development and Food
	<ul style="list-style-type: none"> Systematic monitoring of nitrate levels in WBs that are or may be subject to nitrate pollution. 	Special Secretariat for Water, Ministry of Rural Development and Food
Plant Protection Products (Directive 2009/128/EC, Regulation (EU) No. 1107/2009, Regulation (EU) No. 652/2014)	<ul style="list-style-type: none"> Rational use of plant protection products 	Ministry of Rural Development and Food
Major Accidents (Seveso) Directive (2012/18/EC)	<ul style="list-style-type: none"> Keeping registration and records of installations that are in line with the provisions of the Directive 	Decentralized administration

DIRECTIVE	PLANNED ACTIONS	IMPLEMENTING BODIES
Sewage sludge Directive (86/278/EEC)	<ul style="list-style-type: none"> Setting up a Joint Ministerial Decision, on Measures, Conditions and Procedures for the Use of Sludge from Domestic and Urban Wastewater Treatment and Certain Wastewater, in compliance with the provisions of Directive 86/278 / EEC and in replacement of Joint Ministerial Decision 80568/4225 / 1991 and promotion of actions related to the safe disposal of treated sludge. 	Ministry of Environment and Energy
Urban Waste Water Treatment Directive (91/271/ EC, 98/15/ EC)	<ul style="list-style-type: none"> Completion of sewerage and waste water treatment projects of the settlements that concerns the provisions of the Directive (covering all agglomerations with a population greater than 2,000 p.e.). 	Region, MEWSS, Municipalities
	<ul style="list-style-type: none"> Strengthening actions to control the effective operation of existing wastewater treatment and drainage projects. 	Region

1.6.2 Basic Measures of other categories (Group II Basic Measures)

Table 6-2. Basic measures of other categories

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP	IMPLEMENTING BODIES
M05B0201 Upgrading of the organizational function of organizations of land reclamation for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services	Measures to implement the cost recovery principle (Art. 9)	NEW MEASURE	Organization of Land reclamation (Local, General) / Region / Ministry of Environment & Energy (Special Secretariat for Water) /Ministry of Rural Development & Food
M05B0202 Upgrade of the organizational function of MEWSS for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	NEW MEASURE	MEWSS / Ministry of Environment & Energy (Special Secretariat for Water) / Ministry of Interior
M05B0203 Upgrading of the organizational function of the Local Government Organizations for the compliance with the financial and other data in order to meet the requirements of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	NEW MEASURE	Local Government Organizations / Ministry of Environment & Energy (Special Secretariat for Water) / Ministry of Interior

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP	IMPLEMENTING BODIES
M05B0204 Training and expertise of all the stakeholders (Decentralized Administrations, Regions, MEWSS, LOLR, Local Government Organizations of the Joint Ministerial Decision 132275/19.05.2017 (Government Gazette 1751 B/22.05.2017) of the National Water Committee, which deals with pricing and costing rules for water supply services.	Measures to implement the cost recovery principle (Art. 9)	NEW MEASURE	Ministry of Environment & Energy (Special Secretariat for Water)
M05B0301 Preparation / Update of the Water Supply Masterplan	Measures to promote an efficient and sustainable water use (Art. 4)	Amendment / Specialization of measure WD05B080	MEWSS / Municipals /Water suppliers/ Decentralized Administration (Water Directorate)
M05B0302 Actions for the reinforcement, rehabilitation, modernization of water supply networks and leakage control	Measures to promote an efficient and sustainable water use (Art. 4)	Modification / Specialization of the measure WD05B110	Municipals / MEWSS / Drinking water providers / Region / Decentralized Administration (Water Directorate)
M05B0303 Increase the efficiency of water use in land reclamation infrastructures	Measures to promote an efficient and sustainable water use (Art. 4)	Modification / Specialization of the measure WD05B060	Ministry of Rural Development and Food, Regions
M05B0304 Investments for saving water in agriculture	Measures to promote an efficient and sustainable water use (Art. 4)	Modification / Specialization of the measure WD05B060	Individuals / Irrigation water providers / Ministry of Rural Development and Food / Regions
M05B0305 Determination of maximum irrigation requirements for crops for private water abstractions	Measures to promote an efficient and sustainable water use (Art. 4)	Modification / Specialization of the measure WD05B160	Decentralized Administration (Water Directorate), Regional directorate of Rural Economy and Veterinary Medicine
M05B0306 Strengthening loss reduction actions on collective irrigation networks	Measures to promote an efficient and sustainable water use (Art. 4)	Modification / Specialization of the measure WD05B060	GOLR/LOLR/ Collective Irrigation Networks, Region
M05B0307 Preparation of manual of technical specifications for application of water reuse methods	Measures to promote an efficient and sustainable water use (Art. 4)	Specialization of the measure WD05B070	Ministry of Environment & Energy (Special Secretariat for Water)
M05B0308 Update of the existing Strategic Plan to Address Water Scarcity and Drought	Measures to promote an efficient and sustainable water use (Art. 4)	NEW MEASURE	Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)
M05B0401 Definition and delimitation of zones and / or measures for the protection of water abstraction points, intended for human consumption from groundwater bodies	Measures to meet the requirements of Article 7 (drinking water)	Modification / Specialization of the measure WD05B090	Decentralized Administration (Water Directorate) and Drinking water providers (MEWSS, Municipals etc.)

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP	IMPLEMENTING BODIES
M05B0402 Protection of GWBs included in the register of protected areas for human consumption and establishment of an institutional framework of protection	Measures to meet the requirements of Article 7 (drinking water)	Modification / Specialization of the measure WD04B130	Decentralized Administration (Water Directorate)
M05B0403 Surface water projects for water supply protection	Measures to meet the requirements of Article 7 (drinking water)	Modification / Specialization of the measure WD05B115	Municipals / MEWSS / Water providers / Decentralized Administration (Water Directorate)
M05B0404 Implementation of Water Safety Plans	Measures to meet the requirements of Article 7 (drinking water)	Modification / Specialization of the measure WD05B020	MEWSS, Municipals, Drinking water providers, Decentralized Administration (Water Directorate)
M05B0501 Restrictions, terms and conditions for the construction of groundwater abstraction projects (drilling, wells, etc.) for new uses, as well as extension of existing water use permits to: (a) area of GWBs with a Bad quantitative status (b) the protection zone II of the abstraction projects serving the water supply networks that operated by Municipals, Municipal links, MEWSS, Inter-MEWSS and drinking water companies , (c) zones of collective irrigation networks (d) coastal GWB with extensive or local sanitation problem, regardless of their origin	Measures to control surface and groundwater abstractions	Modification / Specialization of the measure WD05B200	Decentralized Administration (Water Directorate)
M05B0502 Annual electronic recording of measurements of surface and groundwater abstractions	Measures to control surface and groundwater abstractions	Modification / Specialization of the measure WD05B140 and WD05B150	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate), Regions
M05B0601 Investigation of the conditions for application of artificial underground aquifer enrichment as a mean of quantitative enhancement and quality protection of GWBs, with a priority for GWBs with poor condition and treatment of sanitation.	Measures to control the artificial recharge of groundwater aquifers	Continuation of measure WD05B210	Region, Municipals, Decentralized Administration (Water Directorate), Region
M05B0602 Establishment of a National Register of Waste Disposal Sites (Joint Ministerial Decision 145116/2011 (Government Gazette 354B)	Measures to control the artificial recharge of groundwater aquifers	Continuation of measure WD05B350	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)
M05B0701 Strengthening environmental inspections and controls	Measures for point source pollution	NEW MEASURE	Region
M05B0702 Modernization of national legislation on waste and industrial waste management	Measures for point source pollution	Continuation of measure WD05B280	Ministry of Environment & Energy (Special Secretariat for Water), Ministry of health

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP	IMPLEMENTING BODIES
M05B0703 Program of exploratory monitoring of the quality of groundwater bodies and surface water bodies in the areas of existing Landfills	Measures for point source pollution	Modification / Specialization of the measure WD05S090	Landfill Operators, National Monitoring Network coordinated by the Water Directorate
M05B0704 Conditions for the licensing of new / extension of existing aquaculture units	Measures for point source pollution	NEW MEASURE	Ministry of Environment & Energy, Decentralized Administration, Region
M05B0705 Preparation of rules for cesspit protection	Measures for point and diffuse source of pollution	Modification / Specialization of the measure WD05S070	Decentralized Administration (Water Directorate)
M05B0801 Biological agriculture	Measures for diffuse source pollution	Modification / Specialization of the measure WD05B310.	Ministry of Rural Development and Food (Directorate of Quality Systems, Organic Production and Geographical Indications)
M05B0802 Modernization of the institutional framework for sludge management by municipal waste water treatment plants with emphasis on widening the scope and updating the quality characteristics of the applicable sludge	Measures for diffuse source pollution	Continuation of measure WD05B320	Ministry of Environment & Energy (Environmental Certification Directorate), Ministry of Rural Development and Food
M05B0803 Reduce diffuse pollution from agriculture in the vulnerable zones of the Directive 91/676/EEC	Measures for diffuse source pollution	NEW MEASURE	Ministry of Rural Development and Food, Region
M05B0901 Establishment of an institutional framework for the definition of the conditions for the protection of recreational inland waters in Article 6 of Directive 2000/60 / EK - Temporary regulation of new projects in inland water bodies which are included as recreational waters in the Register of Protected Areas under Article 6 of Directive 2000/60 / EC	Measures to confront the negative effects on water status	Continuation of measure WD05B330	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate)
M05B0902 Determination of minimum natural lakes level, determination of maximum range of reservoir level variation	Measures to confront the negative effects on water status	NEW MEASURE	Project principal, Region, Protected Areas Management Bodies, Decentralized Administration (Water Directorate)
M05B0903 Development of national methodology and specifications for the determination of ecological provision of river water bodies	Measures to confront the negative effects on water status	Modification / Specialization of the measure WD05B170	Ministry of Environment & Energy (Special Secretariat for Water)
M05B0904 Special Measures to Achieve Good Ecological dynamic in Heavily Modified Water Body/ bodies (HMWB)	Measures to confront the negative effects on water status	NEW MEASURE	Ministry of Environment & Energy (Special Secretariat for Water), Decentralized Administration (Water Directorate), Region
M05B0905 Determination of selected areas for river sediment deposits removal to meet the needs of technical projects	Measures to confront the negative effects on water status	Continuation of measure WD05B340	Region, Decentralized Administration (Water Directorate)

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP	IMPLEMENTING BODIES
M05B0906 Monitoring, recording and rehabilitation of coastal erosion	Measures to confront the negative effects on water status	NEW MEASURE	Ministry of Infrastructure, Transport and Networks, Decentralized Administration (Water Directorate), Amvrakikos Management Body
M05B1101 Compilation of pollution sources register (emissions, discharges and leaks)	Measures for Priority Substances and other pollutants.	Modification / Specialization of the measure WD05B360	Ministry of Environment & Energy (Special Secretariat for Water), Amvrakikos Management Body
M05B1102 Establishment / setting of emission limits for RBs for priority substances and other pollutants in the Joint Ministerial Decision 51354/2641 / E103 / 2010 as in force, as well as for FSX parameters in relation to the quality objectives set out in the Management Plans	Measures for Priority Substances and other pollutants.	Continuation of measure WD05B240	Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)

1.6.3 Supplementary measures

For achieving the goals of the RBMP, the implication of the basic measures is essential to be supported by supplementary measures.

Methodologically, supplementary measures were suggested:

- a) For the conservation of the status of the SWB's and the GWB's, along with increasing the knowledge and awareness related to the rational water usage of targeted users. In this case, the supplementary measures are horizontally implied and the WB's to be impacted are not exclusively defined.
- b) For WB's estimated that, despite the measure programme implication, won't reach their "good status" goal by 2021, and more specifically:
 - For WB's that, according to measurements of their qualitative and quantitative parameters or to the new grouping methodological approach, have a "lower than good" status.
 - For WB's that, while they have an unknown or good status, there are certain indications through the analysis of the pressures, that they are in danger of not achieving their environmental goals.

Measurements of (b) case are taken into consideration for the calculation of the environmental cost and/or the resource cost, according to the predictions of the JMD 135275 of the National Water Committee (GG 1751/B/22-05-2017).

The table that follows records the WB's of the RBD for which the adoption of specific supplementary measures is required.

Table 6-3. Supplementary measures

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP.	AFFECTED WB	IMPLEMENTING BODIES	IMPLEMENTATION COST (€)
M05Σ0201 Development of the Monitoring System of the Measures Program of the RBMP of the River basic district and provision of support services for the implementation of the program of measures of the River basic district.	Administrative measures	New measure	All WB	Decentralized Administration (Water Directorate)	650.000
M05Σ0401 Initiatives on making an environmental agreement between the Management Authority of the protected areas of wetlands system of Amvrakikos and the agricultural sector in order to reduce the negative effects of farming on the wetland habitats.	Environmental agreements after negotiations	The measure is related to the WD05S030 measure of the first RBMP	EL0513C0007N (Voreios Amvrakikos kolpos), EL0514R000100048 N (DIPOTAMON R.), EL0514R000200051 N (ARACHTHOS P.2), EL0546R000200081 N (LOYROS P.4), EL0546R000202079 N (LOYROS P. - PARAPOTAMOS)	Amvrakikos Wetlands Management Body	20.000
M05Σ0402 Initiatives on making an environmental agreement between the Management Authority of the protected areas of wetlands system of Amvrakikos and the Authorities of fishermen and aquaculture in order to limit any possible negative effects of the extensive and intensive aquaculture on the status of the transitional and coastal water bodies and ecosystems.	Environmental agreements after negotiations	The measure is related to the WD05S040 measure of the first RBMP	EL0513C0007N (Voreios Amvrakikos kolpos)	Amvrakikos Wetlands Management Body	20.000
M05Σ0501 Inspections at the estuaries of rainwater pipelines and other point sources of pollution that result in surface water bodies	Emission control	New measure	All WB	Municipals / MEWSS / Region / Decentralized Administration (Water Directorate), Ministry of Environment & Energy (Special Secretariat for Water)	2000 per sample
M05Σ0502 Implementation of investment in agriculture and livestock holdings, aiming on improving environmental performance.	Emission control	New measure	All WB	Ministry of Rural Development and Food / Regions	190.500

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP.	AFFECTED WB	IMPLEMENTING BODIES	IMPLEMENTATION COST (€)
M05Σ0503 Inspections for compliance with the limits of disposal by industrial processing and livestock farms in a catchment area of the WBD at least twice a year	Emission control	New measure	EL0512L000000004 H (Limni Pamvotida), EL0512R000212139 A (Tafros Lapsista)	Region, Decentralized Administration (Water Directorate)	200.000
M05Σ0701 Projects for the improvement of the hydraulic connection between some parts of the wetland systems of Amvrakikos, which are facing problems of insufficient fresh or saltwater supply.	Recreation and restoration of wetlands	The measure is related to the WD05S110 measure of the first RBMP	EL0513C0007N (Voreios Amvrakikos kolpos)	Amvrakikos Wetlands Management Body	500.000
M05Σ0702 Assessment of a study for the examination of the possibility of the development of new wetland areas around of the Surface watersources of Pamvotida Lake.	Recreation and restoration of wetlands	The measure is related to the WD05S120 measure of the first RBMP	EL0512L000000004 H (LIMNI PAMVOTIDA)	Amvrakikos Wetlands Management Body	100.000
M05Σ0801 Systematic monitoring of quality state in Licensed abstractions wells in ground water bodies with high natural background level (chlorides)	Abstractions Control	The measure is related to the WD05S160 measure of the first RBMP	EL0500010 (Systima asvestolithon N, Kerkyras), EL0500040 (Systima N, Paxon-antipaxon), EL0500050 (Systima N, Othonon-ereikousas - mathrakiou), EL0500170 (Systima Pargas), EL050A070 (Systima Filiaton-igoumenitsas)	Region, Decentralized Administration (Water Directorate)	0
M05Σ0802 Installing operating valve in artesian wells	Abstractions Control	The measure is related to the WD05S150 measure of the first RBMP	All WB	Principal of the abstraction project, Decentralized Administration (Water Directorate), Region	0
M05Σ0803 Prohibiting the construction of new groundwater abstraction projects to the subsystem of GWB Mitsikeliou (EL0500181), with an exception on special cases	Abstractions Control	The measure is related to the WD05S130 measure of the first RBMP	EL0500181 (Yposystima Mitsikeliou tou Systematos Mitsikeliou-vella)	Decentralized Administration	

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP.	AFFECTED WB	IMPLEMENTING BODIES	IMPLEMENTATION COST (€)
M05Σ0804 Prohibiting the construction of new groundwater abstraction projects to the subsystem of EL0500141 Prevezas of the GWB Systima Chersonisou Prevezas EL0500140	Abstractions Control	New measure	EL0500140 (Systima Chersonisou Prevezas)	Decentralized Administration	
M05Σ0805 Reduction or replacement of groundwater with pumping's abstractions from a SWB or other GWB or technical project (Ponds, dams, desalination)	Abstractions Control	New measure	EL0500140 (Systima Chersonisou Prevezas)	Decentralized Administration (Water Directorate) / Regions / Municipals	50.000
M05Σ0806 Restrictions and conditions for the construction of new water abstraction projects in the limestone systems N. Kerkyras (EL0500010) & kokkodon ydroforion N. Kerkyras (EL0500030)	Abstractions Control	New measure	Systima asvestolithon N. Kerkyras (EL0500010) Systima kokkodon ydroforion N. Kerkyras (EL0500030)	Decentralized Administration (Water Directorate)	0
M05Σ1001 Preparation of reuse of wastewater treatment studies for all existing tertiary treatment waste water treatment plants	Efficiency and reuse measures	New measure	All WB	Project owner, Decentralized Administration (Water Directorate) / Regions / Municipals /MEWSS	40.000 (for each waste water treatment plant)
M05Σ1301 Restoration of the communication between Santiniko and piges Amphitheas with Pamvotis.	Projects of Infrastructure Rehabilitation	The measure is related to the WD05S340 measure of the first RBMP	EL0512L000000004 H (Limni Pamvotida)	Decentralized Administration	250.000
M05Σ1401 Enrichment of the groundwater of Preveza from Louros River	GWBs Artificial enrichment	New measure	Chersonisou Prevezas (EL0500140)	Water Directorates, Regions	150.000
M05Σ1402 Enrichment of the groundwater of Kanaliou-kastrokyias from Cheimaro Arethonas	GWBs Artificial enrichment	New measure	Chersonisou Prevezas (EL0500140)	Water Directorates, Regions	150.000
M05Σ1501 Profesional training of farmers for the protection of water bodies	Educational measures	New measure	All WB	Special Management Service of the Rural Development Program of Ministry of Rural Development and Food, Regions	97.155

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP.	AFFECTED WB	IMPLEMENTING BODIES	IMPLEMENTATION COST (€)
M05Σ1502 Informing and raising public awareness of water issues	Educational measures	New measure	All WB	Ministry of Environment & Energy (Special Secretariat for Water), Regions, MEWSS/ Decentralized Administration (Water Directorate)	50.000
M05Σ1503 Strengthening environmental program actions in Primary Education	Educational measures	New measure	All WB	Ministry of Environment & Energy (Special Secretariat for Water) and Ministry of Education, Research and Religious Affairs, Decentralized Administration (Water Directorate)	50.000
M05Σ1601 Pilot measures to apply precision agriculture	Research, development & demonstration programmes	New measure	All WB	Ministry of Rural Development and Food, Region	167.640
M05Σ1602 Consultancy services for agriculture exploitation management	Research, development & demonstration programmes	New measure	All WB	Ministry of Rural Development and Food, Region	259.080
M05Σ1603 Design and implementation specific program exploratory monitoring with the aim of collecting data on the baseline identification of WB Downstream Dams as HMWB	Research, development & demonstration programmes	New measure	EL0511R0A0200021 N (AOOS P.6), EL0514R000200051 N (ARACHTHOS P.2)	Ministry of Environment & Energy	180.000
M05Σ1604 Implementation of Special Control Programme for active substances which are contained in agrochemicals and which have been banned.	Research, development & demonstration programmes	The measure is related to the WD05S310 measure of the first RBMP	EL0512L000000004 H (LIMNI PAMVOTIDA), EL0513C0007N (Voreios Amvrakikos kolpos), EL0546R000201077 N (LOYROS P.1)	Decentralized Administration	150.000
M05Σ1605 Assessment of the Eco-Carrying Capacity of Louros river regarding the potential of trout plants placement	Research, development & demonstration programmes	The measure is related to the WD05S300 measure of the first RBMP	EL0546R000200081 N (LOYROS P.4)	Region	50.000

CODE & NAME OF MEASURE	CATEGORY	CONNECTION WITH THE 1 st RBMP.	AFFECTED WB	IMPLEMENTING BODIES	IMPLEMENTATION COST (€)
M05Σ1606 Monitoring of the anxicity observed in the Amvrakikos Bay and the time evolution of this stratification	Research, development & demonstration programmes	New measure	EL0513C0007N (Voreios Amvrakikos kolpos)	Amvrakikos Wetlands Management Body	100.000
M05Σ1607 Assessment of the Eco-Carrying Capacity of the areas « Ekvoles Kalama" and "Lorida Sagiadas"	Research, development & demonstration programmes	New measure	WBs of RB Kalamas	Region, Acherontas – Kalamas Management Body	50.000
M05Σ1608 Monitoring of the SWB with Unknown ecological and chemical status and the SWB with Failing to achieve Good status	Research, development & demonstration programmes	New measure	EL0534T0007N (Limnothalassa Chalikiopoulou), EL0534T0006N Limnothalassa Antinioti), EL0534R000101074 N (Potami)	Ministry of Environment & Energy (Special Secretariat for Water), Directorate of Forests	50.000