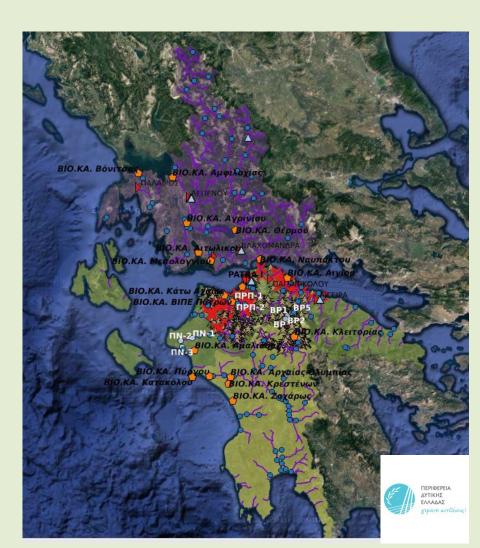# **State of Play and Perspectives in Region Western Greece Region (WGR)**

Region Western Greece,
General Directorate of Development,
Environment and Infrastracture ,
Directorate of Environment and
Spatial Planning

State of Play in Western Greece Region

- The **Ministry** of Development Environment and Energy through the **Special Secretariat for Water**, is responsible for the implementation of the Water Framework Directive EU/60/2000 in Greece. The **Secretariat**, in close collaboration with the **District Water Directorates**, is responsible and coordinates all the actions needed for the implementation of the WFD.

- **That means to produce the proper legislation in order to meet the criteria set by the WFD.**

- **In Our Region 3 River Basin Districts exists for each of which a Water Basin Management Plan has been adopted.**

- The **District Water Directorate of W. Greece** in collaboration with the **RWG Directorate of Environment and Spatial Planning** and the **local municipalities** are responsible for the implementation of the Management Plans.

State of Play in Western Greece Region

1. **Each management plan includes a targeted Programme of measures, which must be applied in order for our water bodies to meet the criteria of the Water Framework Directive**.

2. **The Programme measures includes among others**, <u>legislation acts on water usage and protection of water bodies</u>, <u>monitoring of sources of pollution</u>, <u>special construction project</u>s and <u>targeted studies</u> within the **River Basin Districts**).

3. **The RWG Directorate of Environment and Spatial Planning in accordance with the Management Plans and** for the last year runs a **pilot Environmental Monitoring Plan in the whole region with the help of Geographical Information System** (<u>open-source software</u>) in order to **Plan**, **Execute** and also **Disperse** the results of the Monitoring with a **cloud map accessible via browser or Smartphone**.

State of Play in Western Greece Region

So we monitor and log in GIS:

- **The quality of reclaimed water from the 18 Waste Water Treatment Plants in our region**

- **The quality of surface and underground water bodies in the vicinity of 7 urban waste landfills**

- **Water Waste Management of businesses located in the proximity of 3 rivers**

- **The water quality of the above 3 river**

- **The quality of air**

- **The Medical Waste Management of Hospitals and Clinics in the Region**

In addition we register water usage points (boreholes etc), livestock facilities and olive mills in the GIS in order to evaluate potential pressures in water bodies.

State of Play in Western Greece Region

Concerning Usage of renewable energy for water management
in agricultural economy

- All produced **renewable energy in Greece** (Photovoltaic, Small Hydroelectric Plants, windmill farms) is been diverted to the **main national power grid** which is been managed by the Public Power Corporation S.A.

- All facilities which **manage water for agricultural use** (pump stations, irrigation systems etc) are mainly **powered from the national grid** and thus there is an **indirect use of Renewable energy**.

- For the time been the RWG is trying to get involved in projects, actions and studies which are directed **in energy cost reduction** in Agriculture water usage and is very interested also in getting involved and apply actions and projects for **direct use of renewable energy** in water usage in general (agriculture, industrial etc).

Funding in Western Greece Region

Concerning the Funding of actions for environment and the Programme Measures

- The **main Funding tool** is the _**Partnership Agreement for the Development Framework (PA 2014-2020)**_ (funding mainly from the European Structural and Investment Funds (ESIF) of the European Union).

- In **PA 2014-2020 financing priority no 3** concerns the _**Protection of the environment – Transition to a more environmentally friendly economy**_ and refers to actions for:

  - ✓ **Protection of the environment**

  - ✓ **Fostering climate change adaptation and risk prevention**

  - ✓ **Shift to a low carbon economy**

- **The 2014-2020 PA comprises of 20 Programmes, 7 are Sectoral and 13 Regional** The **Sectoral Programmes** are of nationwide geographical scope while the 13 **Regional Operational Programmes** (ROPs), contain actions of regional scope.

Funding in Western Greece Region

OUR Regional Operational Programme

Has Among its funding priorities the:

➢ **Environmental protection and transition to an environmental friendly economy**

- Calls concerning monitoring of reclaimed water (in WWTP) and monitoring quality of water bodies are running and others expected in 2017

Western Greece Operational Programme Financial information

- **Total OP budget:**   490,985,732 €
- **Total EU contribution:** 392,788,583 €
- **Funds**
- **ERDF:** 326,269,401 €**ESF:**   66,519,182 €

Funding in Western Greece Region

Concerning the funding from the sectoral programmes, two OP involve actions for the environment and waters

1st is the Sectoral OP for Rural Development (RDP)

● **The programme draws financing from the European Agricultural Fund for Rural Development- EAFRD**.

● **Approximately 30% of this programme funding is assigned to the Regions for management**

● and actions concerning waters management, denitrification etc will possibly be included there.

OP Rural Development Programme (RDP) Financial information

Total OP budget: *5,880,192,246 €*

Total EU contribution: *4,718,291,793 €*

National co-funding: *1,161,900,453 €*

Funds: European Agricultural Fund for Rural Development (EAFRD): 4,718,291,793 €

Funding in Western Greece Region

2nd is the Sectoral OP for Transport Infrastructure, Environment and Sustainable Development

Funding priorities, refer to:

- **the implementation of important environment projects** and also compliance to the European Environmental acquis mainly in the sectors of solid waste, waters -waste waters and biodiversity.

- **the tackling of climate change** and flood risk prevention and management.

Calls are TBA

OP Transport Infrastructure, Environment and Sustainable Development **Financial information**

Total OP budget: 5,186,665,146 €

Total EU contribution: 4,333,917,411 €

Funds CF: 3,178,738,847 € **ERDF:** 1,155,178,564 €

Browser map of GIS Environmental Monitoring Plan

THANK YOU FOR YOUR ATTENTION