



MALTA NFP Activities

7th EMWIS Coordination Committee
Seminar 11th – 12th September
Istanbul 2007

1. Working Groups

- Re-use of waste water
 - Main objective of Working Group:
 - i. assess the status of the situation with regards to treated water reuse in each of the EU states
 - ii. get an overview of the issues at stake (definitions, scope, safety and sustainability)
 - iii. Prepare the ground for potential more specific actions taken at EU level
 - First meeting held 15th March 2007 to reach a common understanding of the WG mandate
 - Outline a plan of activity, allocate responsibility and develop a timeline
 - A **DRAFT Mediterranean Waste Water REUSE report** has been compiled.





2. Activities at the Malta NFP

o Stakeholder discussions and meetings

- To reach MOUs in order to share data and collaborate on projects that require the expertise of different authorities and simultaneously aim to implement IWRM strategies
- E.g. Department of Agricultural (ERDF) Department of Health, MEPA and the National Meteorological Office



Stakeholder consultations

- The preparation of a **Draft Programme of Measures** for the WFD led to several meetings with various stakeholders coming from a wide spectrum of economic activity and also national agencies.
- Led to the conception of a Draft Programme of Measures which is integrated and holistic in its outlook

Website and information management



- The Malta NFP website is currently being updated to further enhance the educational importance it has acquired
- Students make use of the geological, geomorphologic and historical contexts provided.
- The MEPA has also utilised information provided by the NFP as a means of informing the public on the natural resources present on the islands and has included texts from the EMWIS NFP in its own website.

▲ **MEPA screen shots utilising EMWIS MALTA NFP info and maps**



Projects...



- **INWATERMAN**

Sustainable management of water resources in an arid and semi-arid insular context and the use of treated sewage effluent



- **PRODIM**

Proactive Management of Water Systems to face drought and water scarcity in islands and coastal areas of the Mediterranean

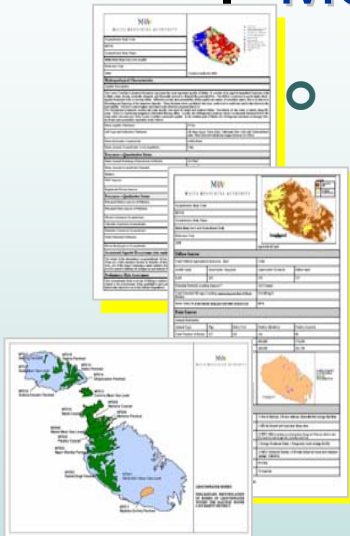


- **WATERMAP**

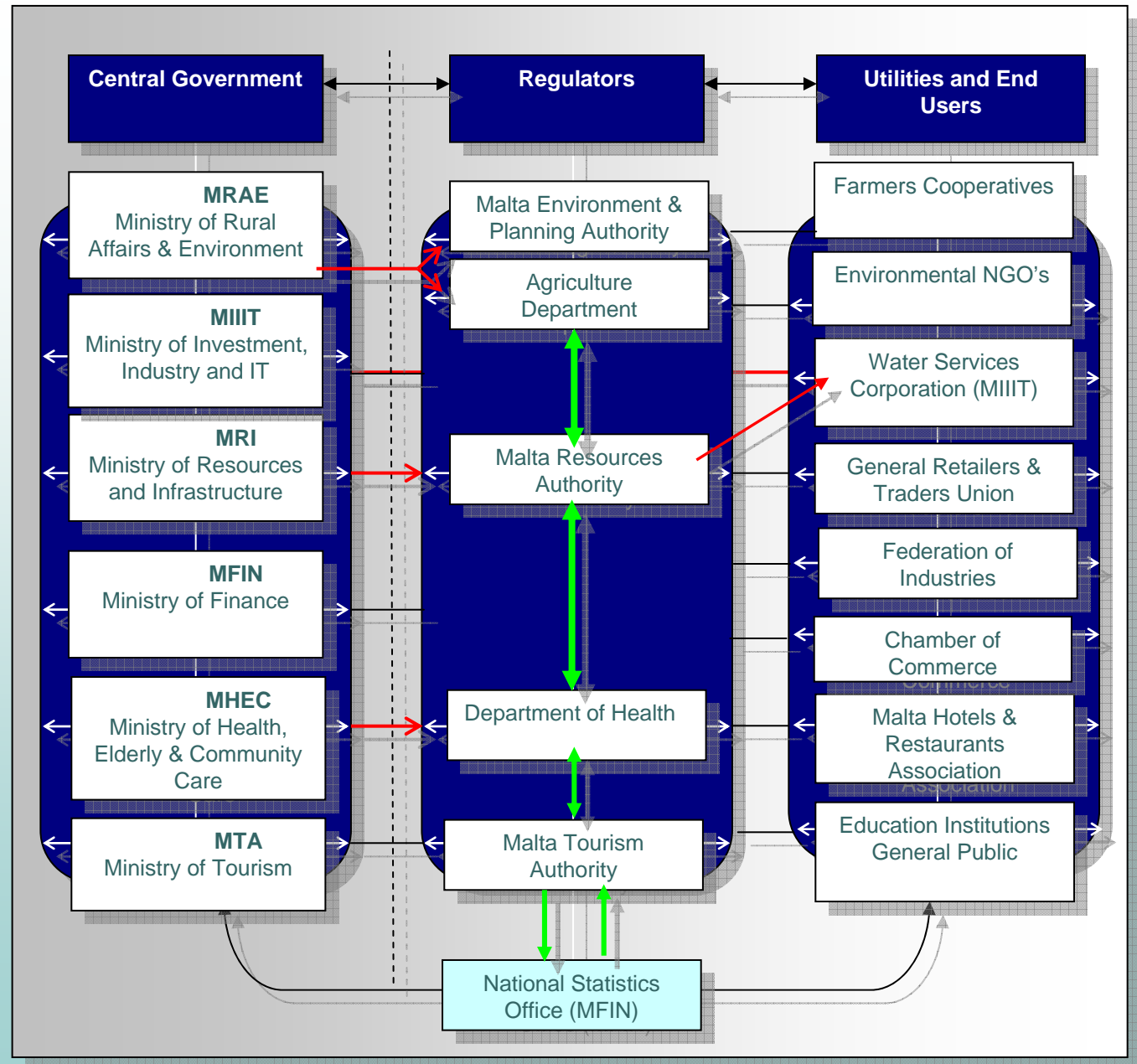
Development and utilisation of vulnerability maps for the monitoring and management of groundwater resources in the Archimed area

Feasibility study for the setting up of a Regional Observation Mechanism in the Mediterranean

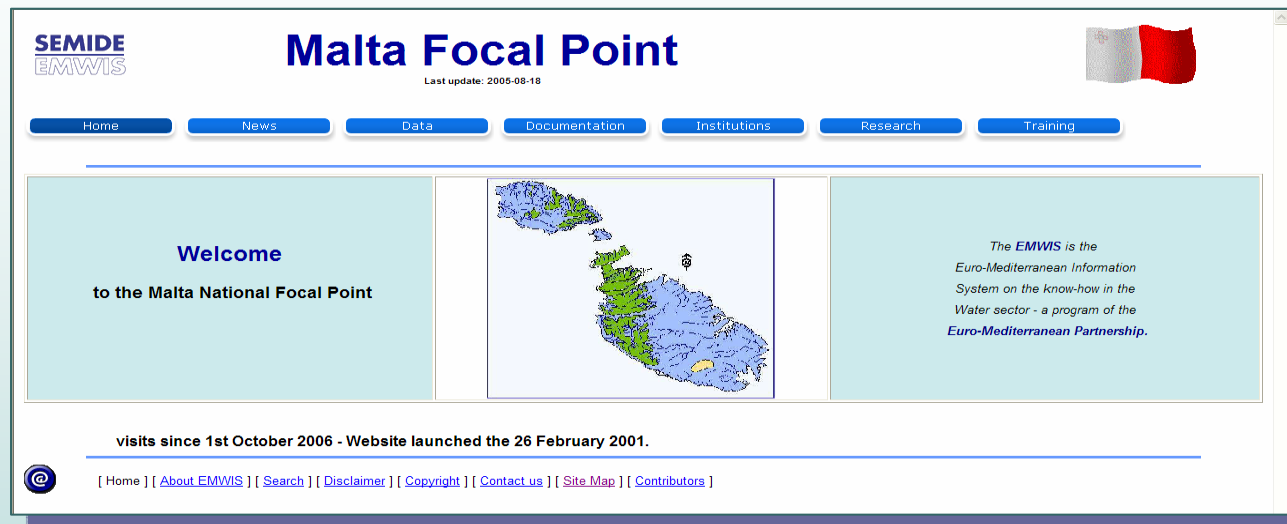
- A study was carried out to assess:
 - The organisations managing water data at the national level with a specific analysis of the status of the NWIS concerning the management of data
 - To analyse the information production processes allowing to meet the international and national information requirements
 - To collect the opinion of politicians/decision makers and the water resource managers on the indicators disseminated by the country at the international level, and to analyse the decision makers' expectations with respect to the potential objectives of the mechanism.
- To prepare a first draft national catalogue of data sources.



The Management of water resources in the Maltese Islands



National Water Information System



The NWIS has not been developed. The main Water Regulators, MRA and MEPA upload their information on the WISE Information system due to WFD commitments and thus the NWIS is not an immediate priority.

Future development - Plans to integrate NWIS within the MRA website. However the expertise required is absent.

We have to also consider other information systems at the Euro-Med scale.

Could North African countries be integrated into existing European ones?

Proposed Set up of the NWIS

Water resources	Main Pipe line	End User	
Natural resources Surface, Inland and coastal – MEPA groundwater – MRA Water Service Corporation - abstraction and production	Professional services Private Consultants	Agriculture Command and Control Environmental control – MEPA/ MRAE Irrigation systems Water treatment – WSC, Health department MRA	
Desalination Water Services Corporation MRA	Water Distribution Command and control / infrastructure/ System integrators WSC	Industry Command and control Infrastructure Water treatment System Integrators Waste water Treatment Sewage	
wastewater reuse WSC MRA HD	Research and Development University of Malta NSO NGOs	Municipality Command and control infrastructure Drinking water Water treatment Sewage treatment	Home User and tourism Infrastructure Drinking water Desalination Lesiure