

INTERNATIONAL COOPERATION AND REGIONAL CLUSTERS

Innovation In Water Efficiency

Wednesday, May 18th 2016
Committee of the Regions
BRUSSELS

INNOVATION IN THE MALTESE WATER SECTOR
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BACKGROUND

Total surface area: 316km².

Population density: 1400inh/km²

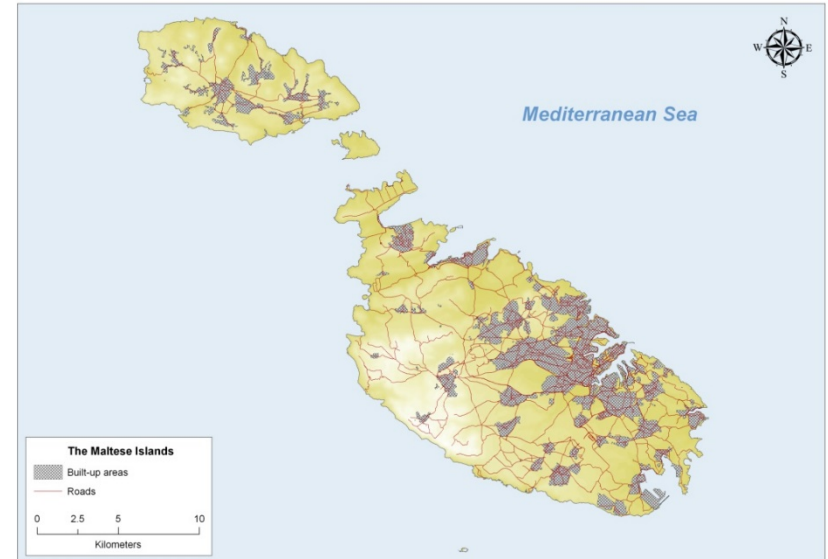
Urban land-cover: 25%

Climate: Semi arid Mediterranean

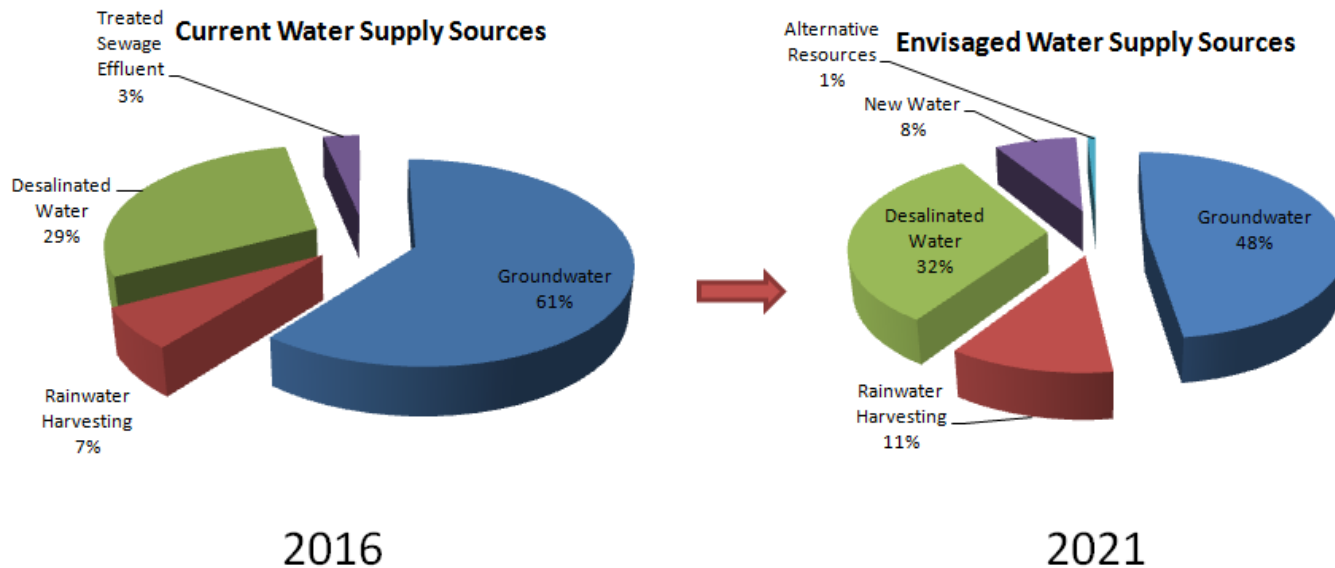
Mean Annual Rainfall: 550mm

High inter- and intra- annual variability

Natural water availability: 70m³/cap/day



2ND RIVER BASIN MANAGEMENT PLAN



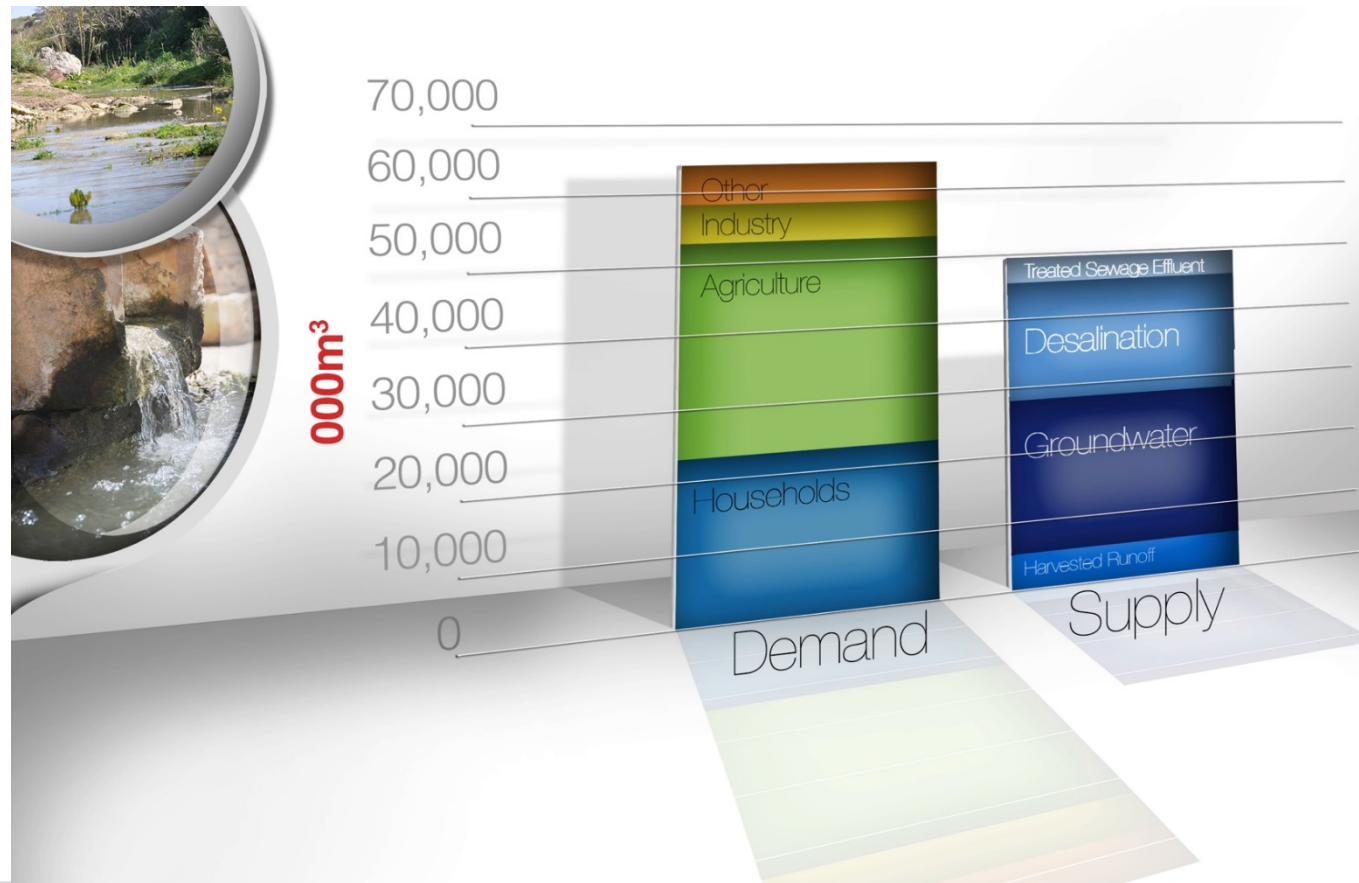
PROGRAMME OF MEASURES

Seeks the introduction of innovative technologies in:

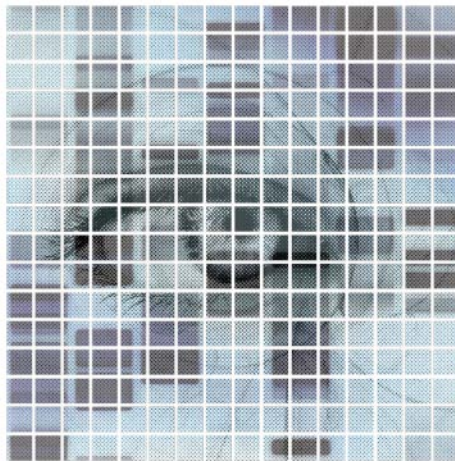
- Optimising the efficient use of water resources
- Optimising the production and distribution of municipal water
- Introduction of decentralised water re-use solutions
- Application of Managed Aquifer Recharge techniques
- Application of Nature Based Solutions for rainwater runoff management



EMERGING CHALLENGES



NATIONAL R&I STRATEGY



National Research
and Innovation
Strategy
**20
20**

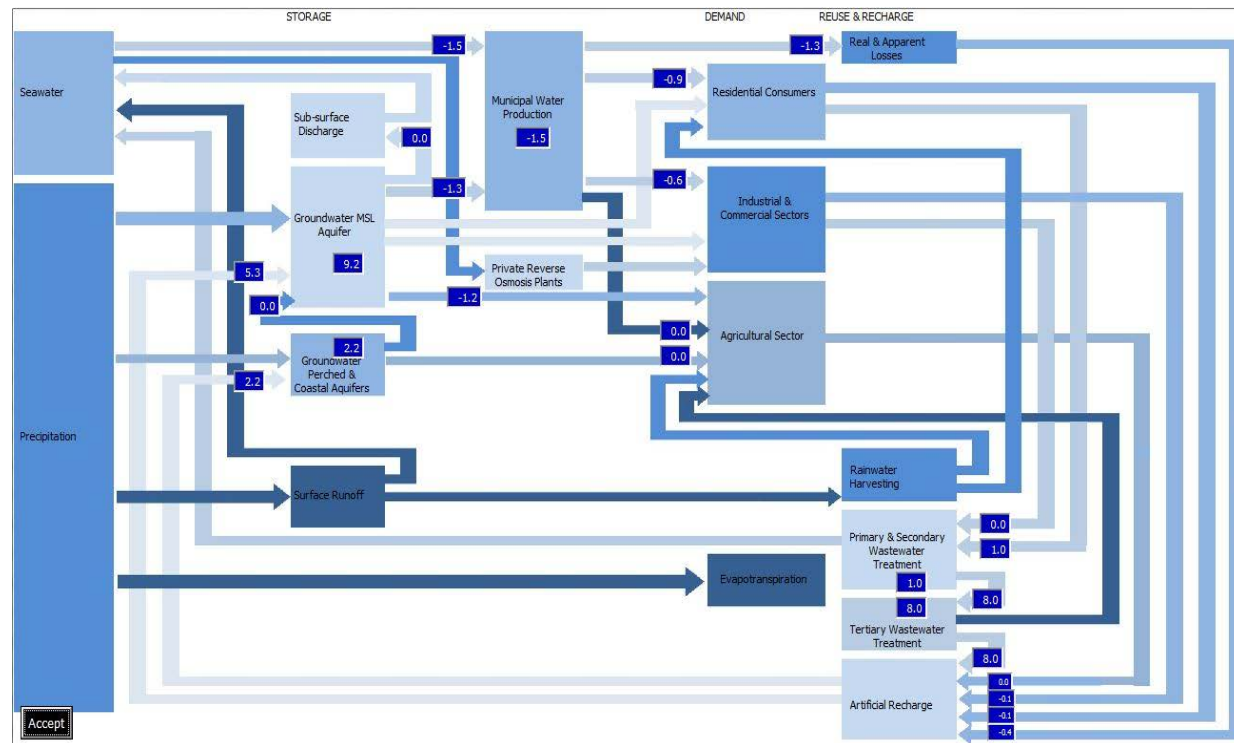


Resource Efficient Buildings

..... There is scope for exploring innovative solutions in the sector which address water scarcity and energy (dependence of fossil fuels, take up of renewable energy source, etc) both of which remain two of Malta's major economic challenges. Innovation in resource efficient buildings would transform the sector by increasing value-added, increasing green jobs and growth while at the same time addressing a societal challenge which is in itself a business opportunity.

EMPOWERING THE WATER SECTOR

The establishment of a stakeholder consultative water-table to support the implementation of the 2nd River Basin Management Plan will help ensure added focus on the development and adoption of innovative technologies to optimise Malta's national water cycle.



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Thank-you for your attention

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