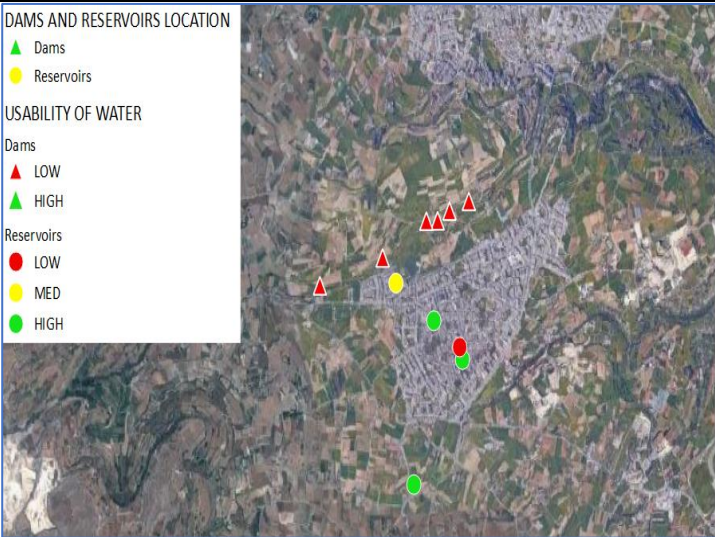


Project Title		MALTA & GOZO DAMS & RESERVOIRS: REHABILITATION POLICY PLAN – GIS DATABASE						
Name of legal entity	Country	Contract value (€)	Carried out by Epsilon (%, €)	No of staff provided	Client	Origin of funding	Date (start/end)	Consortium Members
	Malta	135.000	100% €135.000	10	Parks Malta	85 % EU 15% National Funds Malta	17/01/2022 30/08/2022	1 subcontractor PMA Architects, MT
Description of the project						Services provided		
DAMS AND RESERVOIRS LOCATION ▲ Dams ● Reservoirs USABILITY OF WATER Dams ▲ LOW ▲ HIGH Reservoirs ● LOW ● MED ● HIGH  Project supported the Structural Funds Programme of Malta and has been part of the RainWiiN/LIFE program. It involves the generation of base data and research of the rainwater infrastructure of 5 catchment areas in Malta & Gozo. The project pursued: • A thorough and comprehensive research into the whole range of benefits of rainwater conservation in valleys and reservoirs, and the development of appropriate methodologies that do not have the weakness of an over-reliance on financial or other limited views to water resources values. • A systematic and academically credible appraisal of the local context, the peculiarities of water scarcity and predicament of the ground water replenishment needs and storage for direct use; in particular with the study of the benefits and needs of rainwater harvesting in different schemes and methods comprising the RainWiiN programme. • An informed valorization and identification of the range of benefits of rainwater harvesting for different dimensions of resources management (hydrological, ecological and social) and economic dimensions and component, so that specific measures and actions can be identified to fully reap the benefits of rainwater harvesting • The development and refinement of a strategic framework and integrated approach to rainwater management infrastructure, as contemplated by the project components of RainWiiN projects.						The project included the creation of a GIS database for 71 Dam and 75 Reservoir sites. The geodatabase is expandable to accommodate future need for dams/reservoirs policy. The geodatabase delivered: 1. A database including all the sites (Dams and Reservoirs) pinpointed 2. Information about the inspected sites (measurements, aquifer recharge estimation, water retention capacity, overall condition, restoration priority, estimated cost of restorations, estimated time of restorations and additional comments) 3. Classification of the sites based on various criteria for the production of statistics 4. A user-friendly platform where queries can be made so that sites that fulfil the search criteria can be identified		