

# Project Case Study:

## Jordan



WASTEWATER  
TREATMENT



The overall project entailed the upgrade of the two wastewater treatment plants at Central Irbid (250,000 PE) and Wadi Arab (140,000 PE), to achieve wastewater suitable for agricultural re-use after nitrogen removal, filtration and disinfection. EPS entered into a joint venture with local civil partner, El Concorde Construction and were successful in securing the contract.

### Scope of Work

The MEICA package provided by EPS under the contract included the design, manufacture, delivery to site and commissioning of the following items:

- › 52 no. sand filter sets
- › 12 no. surface aerators
- › 4 no. UV disinfection assemblies
- › 2 no. rotating half bridge scraper systems
- › 9 no. pump sets (RAS, WAS & washwater)
- › 8 no. flow generators
- › 6 no. adjustable weir penstocks
- › Instrumentation package

<b>Client</b>	Hashemite Kingdom of Jordan Ministry of Water & Irrigation
<b>Consultant</b>	GITEC Consult GmbH
<b>Contract</b>	Central Irbid WWTP & Wadi Arab WWTP Upgrades
<b>Value</b>	€2.4M
<b>Duration</b>	Feb 2014 – Sep 2015

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### Positive Impact

Northern Jordan has one of the world's most arid climates, and the scarcity of water resources is a key challenge to the region's governing authorities and the Water Authority of Jordan.

The delivery of the Central Irbid / Wadi Arab project has had immense benefits to the local community, providing vastly improved irrigation supplies and enabling local reservoirs to be dedicated to the provision of high quality potable water to the population.



### Sectors Include:



#### WASTEWATER TREATMENT

#### INDUSTRIAL SOLUTIONS

#### WATER TREATMENT

#### PUMPING SOLUTIONS

EPS Group is a specialist wet infrastructure support services group of companies operating across the Republic of Ireland, the UK and the Middle East. It is one of the few genuine end-to-end service providers in the global water sector.

Founded upon 49 years of experience, EPS has grown from a modest electrical and pumping services business into an innovative, internationally exporting product and service provider, now focused upon the water, wastewater and clean technology sectors.



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