



EUROPEAN UNION



The EU Regional Trust Fund in Response to the Syrian Crisis

الصندوق الاستئماني الأوروبي 'مدد'

Project Factsheet

West Irbid Wastewater Network

OBJECTIVES

- Strengthen Jordan's resilience to the Syrian crisis by increasing access to wastewater services through the constructions of new wastewater networks and connections, while improving the sector's operational and financial sustainability.

EXPECTED RESULTS

- Build the first network services to serve people, involving the construction of house connections, local sewerage networks, trunk sewers, pumping stations, rising mains and connection to the existing Wadi Al Arab waste water treatment plant.
- Create approximately 1,470 job opportunities in the construction sector for men and women receiving relevant training.
- Improve financial sustainability of the water sector through a 15% increase in the residential and non-residential wastewater tariffs.
- Increase awareness of water scarcity and water saving measures through a comprehensive awareness raising campaign.

BUDGET

EUR 20.2 million

START DATE

10/05/2018

DURATION

24 months

BENEFICIARIES

105,000

Jordanians
and Syrians

IMPLEMENTING PARTNER



European Bank
for Reconstruction and Development

PROJECT LOCATIONS



JORDAN

15 towns in the West of the Irbid Municipality:

1. Kofor Yooba
2. Soom
3. Zahar
4. Bait Yafa
5. Jamhah
6. Natfeh
7. Ham
8. Kofor Asad
9. Kherbit Marshad
10. Qmair
11. Hoafa El-Wastiyyeh
12. Qom
13. Kofor An
14. Kharaj
15. Saidoor

HOW DO WE WORK?

PRE-CONSTRUCTION ACTIVITIES

Technical Assistance: survey work, design, preparation of tender documents, procurement process, permitting.

Surveying: this will involve the detailed mapping and marking of the project site to enable groundworks to proceed.

CONSTRUCTION ACTIVITIES

Year 1 – (2018) – (Enabling works)

Site establishment: this will include the installation of infrastructure to enable human activity on the site at various project sites, including erecting temporary offices and welfare facilities.

Ground investigations: ground investigations are carried out to assess the suitability of underlying ground for construction, and to inform designers on choice of materials.

Site clearance: to facilitate construction activities, it is necessary to remove vegetation, structures, and human influences from the project site.

Utility protection: to ensure that the enabling works do not interfere with existing underground services, and include the production of maps and procedures involving underground scans to ensure all contractors are aware of the presence of such items.

Road way/Surface course: installation of roadway surfacing will be carried out as part of the enabling works, allowing vehicular access to the project sites.

Local network pipe laying: extensive pipe laying will be carried out, involving excavation of new pipes to carry sewage effluent from the villages.

Year 2 – (2019)

Local network pipe laying: extensive pipe laying will be carried out, involving excavation of new pipes to carry sewage effluent from the villages.

Trenching: Trenching involves the excavation of trunk sewer and rising mains trenches.

Shoring/retaining walls: various steep-sides slopes will be constructed that require support through shoring and retaining walls.

Foundations: this work will involve the installation of the substructure (concrete and steelwork) that will support the structural load of the pump stations.

Junction chambers construction.

Trunk sewer pipe laying.

Rising mains pipe laying.

Earthworks (grading, levelling, compaction & tests, excavation, backfilling, ground improvement) involve the re-profiling and improvement of ground conditions.

Commissioning of new local networks connected to existing infrastructure.

Year 3 – (2020)

Pump stations construction and installation

Local network pipe laying: extensive pipe laying will be carried out, involving excavation of new pipes to carry sewage effluent from the villages.

Trunk sewer pipe laying.

Rising mains pipe laying.

Earthworks (grading, levelling, compaction & tests, excavation, backfilling, ground improvement) involve the re-profiling and improvement of ground conditions.

Year 4 – (2021)

Local network pipe laying: extensive pipe laying will be carried out, involving excavation of new pipes to carry sewage effluent.

Earthworks (grading, levelling, compaction & tests, excavation, backfilling, ground improvement) involve the re-profiling and improvement of ground conditions.

Commissioning.