

# Preventing floods in Za'atari Camp through the construction of a stormwater drainage network

Za'atari Refugee Camp, Mafraq Governorate, Jordan

Every year, **Za'atari Refugee Camp** receives heavy rainfall between November and April, resulting in flooding. The lack of a stormwater drainage network causes **devastating damage to key infrastructures**, such as schools and hospitals, **road blockages**. The flood also **worsens sanitation and hygiene conditions** for residents within the camp.

To respond to these challenges, ACTED's technical specialists in collaboration with GIZ designed a **35km long stormwater drainage network** for Za'atari Camp. ACTED is leading the construction of the drainage network in **8 of the 12 most affected districts**.

ACTED is also providing **temporary employment opportunities for camp residents** to carry out the construction works. Participants are identified through a fair selection process and **over 2,000 individuals** will benefit from income generation through the construction of the drainage network in the 8 target districts.



Figure 1: Za'atari camp flooded prior to construction (Winter 2017)



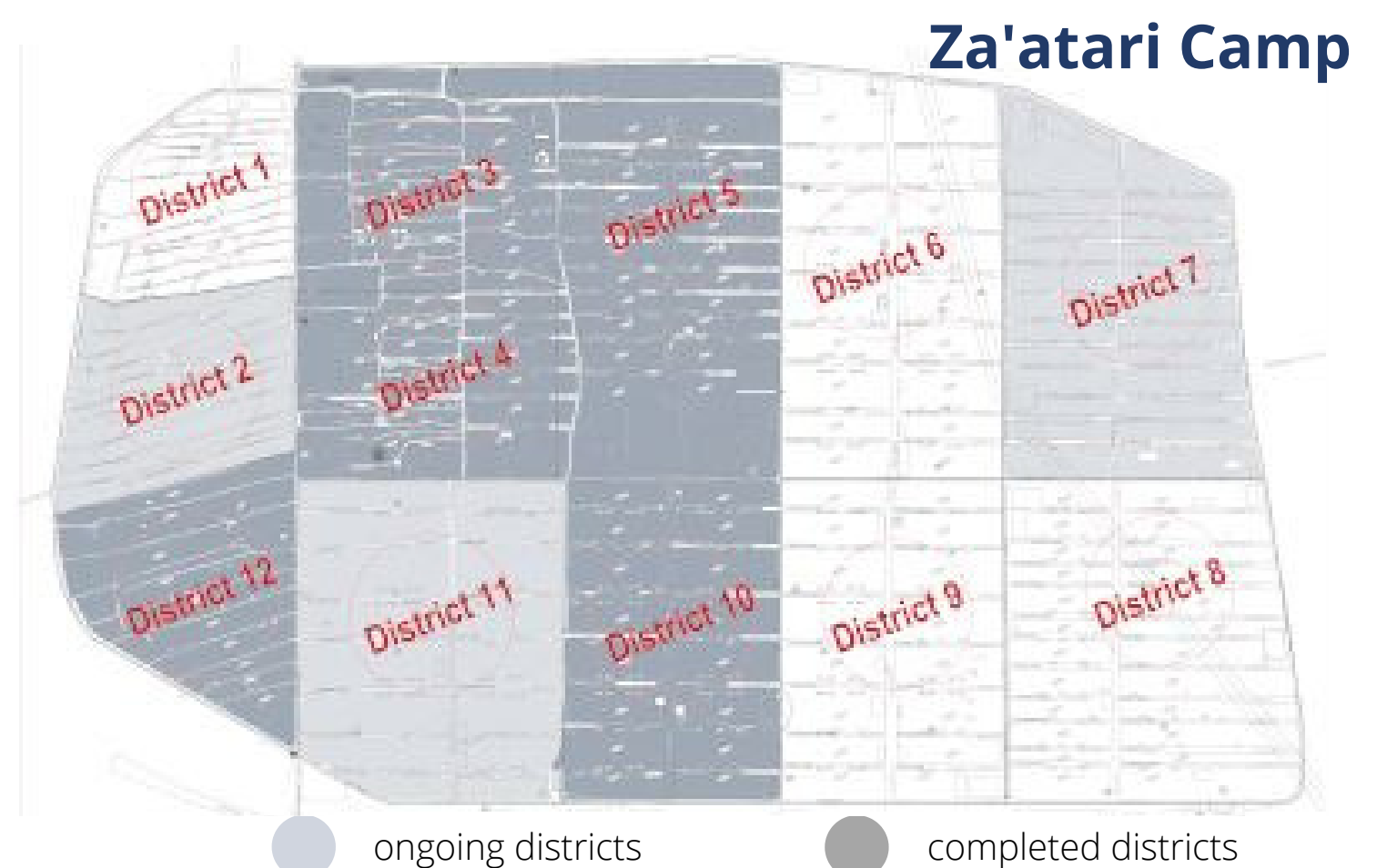
Figure 2: Construction of the drainage system by camp residents (January 2020)

## Objective

Improving sanitation, hygiene and living standards of the approximate 78,000 refugees in Za'atari camp by constructing a stormwater drainage network through employment intensive measures



Figure 3: Drainage system constructed (March 2021)



## Our Impact (March 2021)

### Disaster Mitigation

The 2019/2020 rainy season was the **first time key infrastructure in target districts have not flooded** since establishment of the camp.



### Temporary employment opportunities

**1,415 persons** benefited to date from income generating opportunities, as well as technical, skill development for future employment.



### Sustainable Infrastructure

The construction of the drainage network aligns with national and international standards and has a **minimum lifespan of 20 years**.