

ADAPTATION FUND
Climate Innovation Accelerator
SMALL GRANTS. BIG IMPACT.

SOLUTION FACTSHEET

Deploy: Addressing challenges in water management and water harvesting

2025–2026

UN WFP World Food Programme | INNOVATION ACCELERATOR

Solution Summary

Location:
Jordan

Solution type:
Water storage

Innovation stage:
Proof of Concept

Grantee:
Deploy Tech Ltd

Implementing entity:
World Food Programme

Funding received:
USD 100,000 (Adaptation Fund)

ADAPTATION FUND

The Adaptation Fund Climate Innovation Accelerator provides grants and technical assistance to innovative solutions for adapting to climate change.

Adaptation Innovation

- Deploy Tech has developed flat-packed, durable concrete water tanks that are sustainable, easy to transport and simple to install, addressing common challenges in water management, especially for rainwater harvesting.
- As the world's most sustainable water tank, Deploy uses 75 percent less water and emits 77 percent less CO_2 than traditional concrete, delivering the lowest embodied carbon solution on the market.
- The solution has 14,000-litre capacity. Thanks to the easy-to-use design, the tank can reach extreme locations and be fully operational in just 24 hours.

Climate Impacts

The solution is helping Jordan adapt to:

Drought and water security

High temperatures and heatwaves

Key Achievements

- As part of its sprint with WFP, Deploy Tech installed 11 tanks in Jordan. They reached 205 farmers through field days that combined live installations with awareness sessions. The demonstrations showed rapid deployability, low maintenance needs and strong community engagement.
- The rapidly deployable and maintenance-friendly Deploy tanks are saving lives, cutting emissions and scaling impact. They are already supporting WASH needs for over 135,000 people daily across Ecuador, Ghana, Greece, India, Kenya, Libya, Saudi Arabia, Türkiye and the United Kingdom of Great Britain and Northern Ireland.

Replication and Scaling Potential

- Deploy Tech has the potential to scale by partnering with Jordanian distributors and reselling it further. Through this approach, it plans to reach a broader audience and expand market penetration quickly.
- The flexibility of Deploy's tanks, including easy transportation, storage and repair, makes them suitable for scaling regionally across the Middle East and internationally in markets with similar water scarcity challenges, such as Africa and South Asia.

To learn more, visit WFP-AFCIA Deploy

Investment Potential

- **Business model:** The company is selling tanks to distributors and implementing flexible payment solutions for farmers.
- **Sustainable approach:** Deploy Tech is sourcing funding that will enable it to scale operations. It anticipates increasing sales from its existing distributors, which will provide it with additional revenue streams. Additionally, its business model is creating recurring revenue, ensuring financial sustainability.

Project Location



Last updated: 30/10/2026