



Recycling and Potential Engagement of the Private Sector/ Business Opportunities

Al Hussniyat Sorting Facility and Rehab Waste Bank

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Implemented by





Al Hussinyat Sorting Facility & Rehab Waste Bank

This project is implemented under the umbrella of the “Waste to (positive) Energy” project and funded by the European Union & the German Federal Ministry for Economic Cooperation and Development (BMZ), implemented by GIZ.

Background and Objectives

Oxfam's efforts in solid waste management in Jordan are in alignment with the recommendations outlined in the National Solid Waste Strategy (2015). These recommendations include:

- Promotion of sustainable waste management
- Recover the resources from municipal waste to reduce environmental impact,
- Increase sustainability and build jobs in the green sector



Al Hussniyat Sorting Facility ¹

“Waste Management for Za’atari Refugee Camp and surrounding host communities” aiming to increase access to integrated management of municipal solid waste, recyclable materials, and organic waste.

- The sorting facility was established in 2018 at the Alhussiniyat landfill, covering an area of 1000 m².
- The (CFW) model at the HC project has been implemented through four community-based organizations, each operating in one of the four municipalities (Um Aljmal, Alzatari, Alkhaldyah and Rehab)



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- CFW program targets both Jordanian and Syrian refugees across four municipalities, implementing a rotation-based approach.
- Approximately 80% of the total hired workers at the HC are HH CFW collectors.
- Community engagement and technical CFWers make up around 20% of the total hired workers.
- The monthly rate of collected materials is 25 tons, with cardboard comprising 70% of the total.
- Design capacity: 4 tons/day
- Collection efforts target both households and commercial areas.
- Metal cages are distributed to commercial areas to facilitate collection.



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- CFW model integrates the zoning concept to ensure comprehensive geographical coverage and sustainable collection of recyclable materials from hh within each zone.
- Community awareness raising is conducted jointly with all project activities.
- The collection process involves door-to-door collection, employing three trucks that follow planned routing based on the addresses of each rotation CFW participant.



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Challenges :

- Short-term rotations for CFW workers
- The project's feasibility is undermined by the gap between costs and income generated. This issue is compounded by fluctuating market prices and seasonal variations impacting the sales of recyclable materials.
- Set up transparent communication channels and offer capacity building for the new organizations (CBOs/CSOs) to effectively manage project activities.
- Consider the tribal context and ensure acceptance of the selection criteria.





Main Achievements ₁



- Decreasing the total amount ,of recyclable materials reaching the local landfill
- The project has reached a milestone of recycling more than **3000 tons** of recyclable materials since December 2019 from the host community and the camp
- And more than **17500** people we work with at both locations, **50%** of them are women.
- More than **38000** people reached through community engagement sessions



Main Achievements ₂

- **67%** of the households segregating waste at source
- **Two** Recyclable materials Banks Piloting project were done
- **4 CBOs** in **4 municipalities** have developed their community engagement action plan



Mobile Waste Bank in Rehab Municipality₁



- Introduction of a mobile recyclable materials bank pilot project based on a 2023 study on Informal Sector workers.
- Aiming to Engage with waste pickers, enhance work efficiency, integrate into the solid waste management sector, improve working conditions and socio-economic statuses.
- Oxfam purchases recyclable materials at local market prices from locations identified by waste pickers.
- Materials distributed to waste pickers.
- Oxfam provides training to waste pickers.
- Despite plans for a green center in the camp, operations have not yet begun waiting certain approvals.



Mobile Waste Bank in Rehab Municipality₂



Challenges:

- Discrepancy in reported quantities of recyclable materials collected by waste pickers, addressed through the distribution of scales.
- Difficulty in arranging training and sale events due to waste pickers' commitment, as some engage in waste picking as a secondary income-generating activity.
- Sale and payment process is affected by waste pickers' immediate cash needs, leading them to potentially sell collected materials to other buyers at lower prices.
- Community perception towards waste pickers negatively impacts cooperation with them, hindering effective waste management efforts.



Mobile Waste Bank in Rehab Municipality₃

Initial results of the assessment study:

The pilot project is being assessed to measure the impact of the mobile recyclable materials bank on waste pickers and to devise an integration model that can be adopted by interested stakeholders, and some of the assessment results are:

Percentage of waste pickers targeted who report increased work satisfaction as a result of the operation of the mobile recyclable materials bank pilot: 78%

Percentage of waste pickers targeted who acknowledge a reduction in challenges related to their work as a result of the operation of the mobile recyclable materials bank pilot: 50%



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