

Programmatic Impact

The programmatic results of S3IDF, Hasiru Dala Trust, Hasiru Dala Innovations and Plastics for Change are measured in a holistic manner to reflect the multi-faceted and layered program that we've created, therefore between the four organizations in the collaboration, each entity respectively measure the following data.

SOCIAL	CURRENT	3 YEAR OBJECTIVE	FINANCIAL	CURRENT	3 YEAR OBJECTIVE	ENVIRONMENTAL	CURRENT	3 YEAR OBJECTIVE
Waste entrepreneurs in the member network	1,000	15,000	Waste entrepreneurs who have received a formal bank loan	15	100	Waste workers using the PFC platform	125	2,000
Scrap shops engaged with the Alliance	300	500	Total amount of government funds leveraged for the waste entrepreneurs through bank facilitation	Over \$11,000	Over \$62,000	Average amount of plastic collected per waste worker per month	750 kg	750 kg
Waste entrepreneurs who have received identification cards	6,500	9,000	Average leveraging ratio (we leverage philanthropic capital to mitigate perceived risk and secure appropriate loans for waste entrepreneurs – see SMBA)	1:2.6 (in local currency)	1:8 (in local currency)	Average amount of waste diverted from landfills by a single DWCC per day	400 kg	500 kg
Waste entrepreneurs enrolled in a Government health insurance program (with coverage also provided to their families)	1,800	3,000	DWCCs operated/owned by waste entrepreneurs	40	50	Average amount of plastic collected per DWCC per month	129,000 kg	150,000 kg
Waste entrepreneurs enrolled in a Government pension program	60	200	Waste workers employed at DWCCs	344	600	Total amount of waste diverted from landfills by all operational DWCCs	1,290,000 kg (40 DWCCs operational)	2,250,000 kg (50 DWCCs operational)
Children who have received an education loan or subsidy	500	1,000	Average DWCC operator income increase	~\$400/month	~\$1,100/month	Total amount of waste diverted from landfills per day by all operational DWCCs	16,000 kg	25,000 kg
Total value of education subsidies received from the government (INR 1800/Child/Year)	INR 9,00,000 (~USD 13846)	INR 19,00,000 (~USD 27692)	Average percent revenue increase for the waste worker after Alliance engagement	10%	30%	Average recycling ratio of a DWCC	80-95% of waste that comes to DWCC is recycled	80-95% of waste that comes to DWCC is recycled
Children who have received private scholarships	94	200	Entrepreneurs participating in business mentorship programmes	40	80	Brands and manufacturers who have been educated on the ethical plastic sourcing strategy	30	500
Children enrolled in boarding school	150	300				Brands and manufacturers who have signed contracts to source plastic through the ethical sourcing platform (PFC)	3	50
						CO2 saving per ton of virgin plastic replaced with recycled plastic	2 tons of CO2	3 tons of CO2
						Amount of waste diverted from landfills through waste worker franchisee model*	Wet Waste: 13.7 tons/day Dry Waste: 3.7 tons/day	Wet Waste: 70 tons/day Dry Waste: 20 tons/day

*Franchisee model pioneered by Hasiru Dala Innovations (HDI) - The waste is stored in a segregated manner at a centralised location in each apartment complex. The waste is weighed and collected by a vehicle. QR code enabled mobile apps have been provided for data entry and uploads onto the IGG platform. Current model serves 20,000 households, 3 year project to serve 100,000 households
 ** The mentioned DWCCs are supported by Hasiru Dala