

# Creating value in plastics through digital technology

## Factsheet

<b>Project period:</b>	01.2021 – 06.2022
<b>Country:</b>	Indonesia
<b>Project partners:</b>	<a href="#">cirplus</a> <a href="#">German Development Institute (DIE)</a> <a href="#">Plastic Bank</a>
<b>Local partners:</b>	<a href="#">Waste4Change</a>
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<b>More details:</b>	<a href="https://prevent-waste.net/en/pilotprojects/indonesia/">https://prevent-waste.net/en/pilotprojects/indonesia/</a>

The aim of the project “Creating value in plastics through digital technology” is to establish a digital recycling value chain for plastics - from local households to the global market. For this, digital technologies, including a blockchain platform for collection and a global marketplace for marketing the recycled plastics, will be adapted to the Indonesian context.

### Project target group:

- Households
- Waste collectors and waste banks
- Local recycling facilities
- Converters, manufacturers and brand owners interested in recycled materials.

### Activities:

The project intends to market recovered plastic waste on the cirplus global marketplace while introducing standardisation and a new plastic category

for 100% traceability. The objective is to enhance the amount of plastic waste collected and recycled and hence increase the reuse of recyclates. At the same time, living and working conditions of waste collectors are improved by better payment and greater security. This digital solution has the potential to be scaled globally.

Waste4Change, an Indonesian social enterprise, will support the project by establishing a segregated collection system for plastic waste - both at household level as well as through the local waste banks.

Awareness raising measures will be developed in cooperation with the German Development Institute in order to promote behaviour change with respect to waste segregation at source.



## PREVENT Waste Alliance

The PREVENT Waste Alliance serves as a platform for exchange and international cooperation. Organisations from the private sector, academia, civil society and public institutions jointly engage for a circular economy. The PREVENT members contribute to minimising waste, eliminating pollutants and maximising the reutilisation of resources in the economy worldwide. They strive to reduce waste pollution in low- and middle-income countries and work together for the prevention, collection, and recycling of waste, as well as the increased uptake of secondary resources.

This project was selected in a call for innovative and scalable solutions to build a circular economy.

The PREVENT Waste Alliance was launched in 2019 by the German Federal Ministry for Economic Cooperation and Development.



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## Imprint

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### On behalf of

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More information: [www.prevent-waste.net/en/](http://www.prevent-waste.net/en/)

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