Circular Tools

Collaborative circular waste intervention development for local secondary school

BURO HAPPOLD

Who are we?

Buro Happold is an international engineering firm that delivers creative, building and city solutions for an ever-changing world. The waste, operations, logistics and flows group work with designers and operators to deliver efficient, sustainable and future-proofed waste and logistics solutions.

Project Timeline

Initial Consultation

Th first stage of the Circular Tools program will involve BH's WOLF team undertaking initial engagement with a school

Waste Audi

BH's WOLF team will, with the support of staff and students undertake an initial waste audit on



Data Analysis

WOLF team will take data from waste analysis and analyse results

Workshops and engagment sessions

Results of audit will be presented through a summary report and series of workshops sessions aimed at brainstorming interventions for improved waste management



Program implementation

Interventions developed in the previous stage will be implemented through the school.

Check-in Consultation

BH will hold a check-in consultation with the school to gain understanding of challenges and successes of introduced waste management interventions



Waste Audit

Another audit is conducted, again with support of students and staff.

Final Results

Data from last audit is analysed and presented to the schools community, with a focus on the effectiveness of the introduced measures, and lessons for future waste management



Project Brief

Buro Happold's Waste & Logistics Team aims to collaborate with a local school to establish a more circular waste management system. The project involves auditing current waste management processes, identifying improvement opportunities, and implementing interventions through workshops and community engagement.

Led by Buro Happold's Waste & Logistics Team, the project will engage teachers, students, and facility management staff to empower the school community in enhancing waste management practices. Our expertise will support the school with recommendations to reduce waste generation, improve diversion rate, reduce contamination, and potentially cut operational costs.

Benefits of the Circular Tools project

There are several benefits for the schools community that are expected to come out of this project, some of which being:

- An overall reduction in operational waste of the school, leading to positive environmental and financial benefits
- The opportunity for **experiential learning** for students
- Further cultivation of community engagement and leadership development among students; and
- An overall contribution to the development of environmental literacy, empowering students to make informed and responsible choices.