



Waste Hero - Reduce to Zero Educational Materials

Created by experts and educators together.

Validity Statement

The Waste Hero: Reduce to Zero educational materials have been validated by an independent panel of global education experts who have determined that the materials are fit for purpose. The panel concluded with a high level of assurance that the materials are appropriate for use with learners at different educational levels in diverse contexts globally. Central to this assessment is the editable design of the materials, which provides educators with the opportunity to locally contextualize the materials to their own educational and recycling context.

Explanatory Note

Waste Hero: Reduce to Zero educational materials are created by Yunus Thailand, a not-for-profit foundation co-founded by Nobel Peace Prize Laureate Professor Muhammad Yunus. The content team analyzed educational materials from a wide variety of sources and established an Educational Advisory Group of 23 teachers, academics, educators and zero waste activists from 17 countries to guide the creation process of the educational materials. The content creation team, led by circular economy and educational design experts at Yunus Thailand, worked hand-in-hand with educators throughout the process whilst also receiving professional industry inputs from a leading recycling corporation.

The educational material creation process has also been independently validated and the materials have been independently tested with educators in classrooms in the United Kingdom, Zimbabwe, Bangladesh, the United States and Mexico, in both offline and online formats. A panel of independent global educational experts have accordingly found that the materials are of a suitable quality to educate a global audience in recycling appropriately at the relevant educational level and to meet their learning objectives. The materials are also designed to be iteratively improved over time as they are adapted, edited, contextualized and built on by educators for their own specific learning contexts.

Message of Appreciation

Yunus Thailand would like to share its grateful appreciation for the following organizations and individuals who have supported the creation of the Waste Hero: Reduce to Zero educational materials.

Project Sponsor: Indorama Ventures

Independent Panel of Validation Experts:

- Prof. Robert McBride, former Dean of Education, East Anglia University, U.K.
- Prof. Shantha Liyanage, STEM Educational Expert, University of Technology Sydney, Australia
- Dr. Mohammed Babur, Co-Founder, Exploring Leadership & Learning Theories in Asia
- Dr. Jonathan Shaw, Comparative Education Faculty, Queens University, Canada

Waste Hero Pioneer Partners:

- King Edwards VII School, Sheffield, United Kingdom
- Fundación para el Beneficio Global & Escuela Secundaria Técnica #9, Xoxocotla, Mexico
- Students of Harvard University, Stanford University, Tufts University & University California San Diego
- Runyararo Peace for Development Programme & Murape High School, Harare, Zimbabwe
- Probha Aurora, Dhaka, Bangladesh

Members of the Educator Advisory Group:

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