

NEWSLETTER



Edition: June 2024

Seminar: Critical raw materials in a circular world (15-5-2024, TU Delft)

This [seminar](#) "Critical raw materials in a circular world" was given on Wednesday 15 May at the TU Delft, and had presentations by PhD's of the Circular Circuit project.

Publication on Magnet Density Separation

In the journal Recycling Max van Beek and 4 of his colleagues wrote an article on [An Innovative Magnetic Density Separation Process for Sorting Granular Solid Wastes](#).

Poster: Redesign A Circular Business Model Innovation Ecosystem

Ms. Meihui Jiang presented this poster on The Netherlands Operations Management and Logistics Conference 2024. The poster presents a case study of the Dutch microelectronics ecosystem

What is the impact of our electronic devices on the climate?

Dorien van Dolderen, Nils Pauliks and Pablo Ilgemann answered this question for the Climate Help Desk (text in Dutch [Wat is de impact van onze elektronische apparaten op het klimaat?](#))

Circular Circuits on BNR News Radio

Sjoerd de Jong, Jasper van Coppen and Jan-Henk Welink talk about a longer life time of electronic parts, corrosion problems, and the dependency of the metals and electronics supply chain (in Dutch, [link](#)). Fatin Battal tests the connections between the parts on a PCB (in Dutch, [link](#)).

Graduation project: Design for recycling of electronic products, study on smart TV's.

Doris Versloot (faculty of Industrial Design Engineering) investigated in her [thesis](#) how electronic products can be designed for effective recycling, which can reduce the demand for critical raw materials and mitigate environmental and human health risks through the safe removal of hazardous substances. The insights of this experiment, with a specific focus on connections and materials, are incorporated into Design for Recycling (DfR) guidelines and introduces a novel method to assess the tensions between repairability and recyclability, called: Recyclability Maps.

Please check for frequent updates the project website www.circularcircuits.nl