

NEWSLETTER #8

ABOUT

ReSoCart-ED means Recycling Solutions for Non-Reusable Printer Cartridges in Emerging and Developing Countries. The project is funded by the German Federal Ministry for Environment, Nature Conservation, Nuclear Safety, and Consumer Protection (BMUV), started in May 2022 and runs until December 2024 (applied). ECOLOGICON GmbH and Umweltcluster Bayern e. V. form the ReSoCart-ED consortium to examine whether and how the recycling of printer cartridges could be an economically sustainable business model in Ghana.

TRIAL COLLECTION STARTED!

EPA provided the Project with an official approval (HA 611/618/01) to commence a trial collection of waste toner cartridges! Caritas/Maredes and their partners in Kumasi and Tamale already started the collection. After a first counting and approval end of May more than 1500 pieces or merely 1.5 tons of waste toner cartridges had been gathered yet in all three collection points.

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Our Ref: HA 611/618/01

4th June 2024

THE MANAGING DIRECTOR
 UMWELTCLUSTER BAYERN
 AUGSBURG, GERMANY

Dear Sir,

APPROVAL TO COMMENCE TRIAL COLLECTION OF WASTE TONER CARTRIDGES IN GHANA

We refer to your letter of 20th March 2024 on the above subject matter and hereby inform you that approval has been given for you to commence the **Trial Collection of Waste Toner Cartridges** subject to the following stipulated conditions:

DATE OF ISSUE : JUNE 03, 2024
 DATE OF EXPIRY : JUNE 02, 2025
 EFFECTIVE DATE : APRIL 01, 2024

CONDITIONS OF APPROVAL

1. This approval is valid for this trial collection ONLY;
2. Comply with the provisions of the Hazardous and Electronic Waste Control and Management Act, 2016 (Act 917) and the Hazardous, Electronic and Other Waste (Classification), Control and Management Regulations, 2016 (LI 2250) on the transboundary movement of hazardous waste and their disposal.
3. Submit a completion report to the EPA one month after the end of the trial collection period providing information such as the volumes/quantity collected, categorization of the toners into OEM and non-OEM brands, origin of each type of toner, etc.
4. Comply with the terms of the contract between you and Zeal Environmental Technologies for the environmentally sound disposal of the waste toner cartridges.
5. Ensure that waste toner cartridges are collected and managed by Caritas Ghana in line with the provisions of the Hazardous, Electronic and Other Waste (Classification), Control and Management Regulations, 2016 (LI 2250).
6. Conduct your activities in an environmentally sound manner so as to prevent adverse environmental and health effects.

Notwithstanding this approval, your activities are further subject to other relevant regulations and permits.

In the event of non-compliance or non-observance of any of the above conditions, the Agency would enforce the relevant provisions of Act 490 and Act 917.

E. N. N. Tetteh

ING. ESI NANA NERQUAYE-TETTEH
 AG. DEPUTY EXECUTIVE DIRECTOR/TECHNICAL SERVICES
 FOR: EXECUTIVE DIRECTOR



Fig. 1: Left: License for the trial collection of waste toner cartridges granted by EPA Ghana; Right: First collected cartridges in Accra

TRAVEL TO GHANA OF RESOCART-ED TEAM IN JUNE

Between the 6th and 15th of June the team members of ReSoCart-ED have been visiting Ghana for the first, a third, or, respectively fourth time during the project. A lot of stakeholders and partners have been visited as well as the collection sites in Accra, Kumasi and Tamale.

Thank you! We had a great, inspiring and productive time with you!



Fig. 2: Left: Having fun preparing the workshop; Right: Tree planting to celebrate project sustainability

BEYOND REFILL – WORKSHOP (13TH JUNE)

The most important part of the visit in Ghana was the "Beyond Refill"-Workshop we hosted at the IBIS Styles Hotel in Accra. We gathered all stakeholders of the project for an informative talk about ReSoCart-ED and a deep discussion with partners involved in the field of waste toner cartridge recycling in Ghana. We were very happy to host a hybrid event with more than 50 participants, in which we were able to transfer opening words by Charlotte Dieter from BMUV to the audience in Ghana and could mirror the high interest in the project back to the German audience. The fruitful discussion about the presented results and business-case calculations was only shortly interrupted by a refreshing coffee break.



Fig. 3: Panel discussion board f.l.t.r: Nana Yaw Konadu, Florian Werthmann, Larry Kotoe, Gerald Adu-Gyamfi, Viktor Klein

Instantly, the discussion continued intensely between the panel guests and the audience. Main points were the request for a prolonged collection time for the trial, a clear strategy of the EPA (Larry Kotoe) and E-Waste fund (Gerald Adu-Gyamfi) how to integrate the toner cartridges in the existing structures for the e-waste collection (Nana Yaw Konadu, ERG), and the commitment by the Mesti-PIU project to continue the efforts of the trial collection even after ReSoCart-ED ends by including toner cartridges into their e-waste collection scheme.



Fig. 4: Participants of "Beyond Refill" workshop

PROJECT-TREE PLANTING AT CARITAS

Planting a tree in the partner country is an important act in the BMUV funded EXI-projects. In front of Caritas Ghana in Accra two orange trees had been planted by the ReSoCart-ED team together with their local partners. The subsequent strategy meeting at Caritas focused on the possibilities how to support of the collection to increase the gathered number of cartridges as soon as possible.



IMPRINT

EDITING

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the German Bundestag

