

RECY-CALL

<https://recy-call.com>

_ Description du projet

We at Recy-Call help CSR departments of large firms to reach out to the current generation that cares about the environment by allowing companies to tap into our green metal supply chain. Through long term partnerships we collect phones in emerging countries and tackle the status quo by tackling the problem of recycling smartphones where as today only 3% is sustainably recycled. By collecting and recycling smartphones in Africa, Recy-call brings back the raw materials into circulation.

_ Pourquoi ce projet a-t-il vu le jour, de quel constat êtes-vous parti?

Recy-call is a continuation of a master thesis of the 2 business engineers Domien and Laura, they were in Shanghai to see what Belgium can learn from China regarding Circular Economy. They saw the e-waste belts like Guiyu. Knowing we have the perfect techniques in Belgium to recycle those devices, they started to the idea of Recy-Call.

_ Principaux obstacles à la mise en place du projet?

1. A lot of the e-waste traffic is illegal so very hard or even impossible to stop. 2. Collection in Africa happens through informal existing networks of handlers and repair shops. 3. It takes quite a while to establish local awareness on the hazardous effects of e-waste.

_ Nombre de personnes participant au projet et partenariat éventuels

We are with 3 co-founders. Currently our partners are the collectors in Africa and the recycling facilities in Belgium.

_ Zone d'action (localement, au niveau international, etc.)

We are operating on international level: collecting in Africa and recycling in Belgium.

_ Principales ressources

1. Working capital for collecting and transporting the smartphones. 2. Human capital: the collectors network of scrap handlers, repair shops etc. in Africa.

_ Impact actuel du projet et/ou impact souhaité

We are aiming to have an impact on 3 levels: first we want to have an environmental impact by collecting smartphones in Africa which are nowadays dumped. Secondly we have an economical/social impact as we give an incentive per phone collected by our collectors. Thirdly we have an sustainable impact by bringing back the raw materials into circulation instead of mining furthermore.

_ Aide nécessaire pour la mise en place du projet et aide proposée dans la mise en place d'un projet commun?

Companies can help us in several ways: 1. with their CSR expertise on how to implement our project sustainably in CSR strategy of large corporates \\ 2. with their recycling expertise \\ 3. with their logistics expertise to transport the collected smartphones and the batteries \\ 4. with their network to reach out to the producers of eg. Samsung, BMW, Tesla, Samsung,... \\ \\ We offer company (producers mainly) a leadership position in a durable future, by enabling them to use our sustainably sourced metals to manufacture their products. E.g. we will provide conflict and child labour free cobalt for the Li-ion batteries of BMW, Audi, Tesla, Samsung, Apple, etc.

