

CartonTrack is a recycling initiative created to make TetraPak collection and reuse easier for communities. I developed an application, built in collaboration with NGO RUR GreenLife, that maps and connects citizens to over 40 of RUR GreenLife's TetraPak collection depots across Mumbai. The app helps users track their contributions and understand their environmental impact through live data on waste diverted and CO₂ saved. Users can register, log their donations through image recognition or manual entry, and view the total weight and environmental savings their efforts generate. The app has boosted the number of donations the NGO receives through its network, enabling more sustainable products to be made from collected cartons.

Furthermore, I conducted drives in local communities to collect 110+ pounds of TetraPaks, then worked with RUR GreenLife to upcycle them into benches and chairs, which we donated to municipal schools in Mumbai.

On this website, I've attached images of the app interface and short demonstrations showing how the platform works.