

YOUTH TECH TRAINING & BUSINESS EDUCATION FOR CIRCULAR ECONOMY DEVELOPMENT IN MARGINALIZED COMMUNITIES

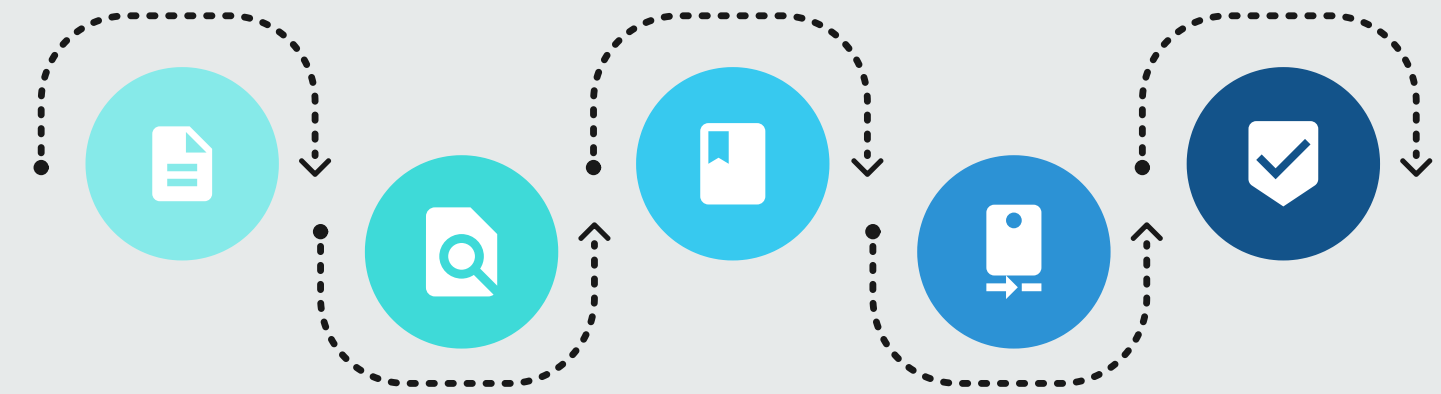
The Problem

- Only 15 to 20 % of electronic waste is recycled in the U.S.
- Historical environmental racism leads to landfills disproportionately impacting marginalized communities, exposing them to hazardous substances.

The Solution

- Teach youth to refurbish electronics with open source software.
- Create a Community of Practice of network change agents and partners to scale program

Key Milestones



2019-2023

Receive donation of computers and develop Youth Tech Training Program in partnership with KDE.

2024-2025

Expand partnerships and outreach to local community in RI/New England. Plan for Community of Practice model to scale to 100+.

2026-2027

Training program is certified and has expanded beyond CACD and the region.

2028-2029

Established business partnerships for steady supply of devices and opportunities for youth.

2030 & beyond

Program model is fully integrated into every region of the US with a full market generating revenue and creating jobs for youth.

The Opportunity

6% CAGR GROWTH IN US REFUBRISHED MARKET BY 2031

The Impact

- **Environmental Justice:** Reduce e-waste in marginalized communities
- **Sustainability:** Promote sustainable practices to everyday consumers and businesses
- **Economic Empowerment:** Provide youth tech training and workforce opportunities
- **Collaborative Learning:** Utilizing CoP framework to expand model and learnings to other community organizations

Team

- CACD Staff with **expertise in community development and computer engineering**
- KDE Foundation technical expertise on **open-source software**
- Funders—Cox Communications

