

Extending Electronics Life & Recovery with Digital Product Passports or, “Carfax for Electronic Devices” Using Blockchain

Work Done to Date

OBADA Foundation created, 2020, 501c(3) status applied for.

Decentralized Autonomous Organization (DAO) incorporated in Wyoming, July 1, 2021, the first day DAOs could legally be created in US. 35 member companies, thus far.

\$180,000 raised for software development. Development in Cosmos SDK. Two companies connected in beta mode.

ISO group created, under TC 307, Working Group 8, “Non-Fungible Tokens.”

3 year project begun, July 2023, “Representing Physical Assets using Non-Fungible Tokens”

Named a partner in EU CIRPASS Digital Product Passport Project.

Assistance Needed:

Technical expertise in cryptography and blockchains.

Compliance with other technical standards related to data and information sharing.

Development resources to implement the design.

Pilot Project:

Collecting used solar panels in Massachusetts, creating DPPs for each to track chain of custody, shipping to Africa, recording receipt with GPS coordinates to prove reuse, and that they did not end up in a landfill.