

Team#04

Empowering Volunteerism with Blockchain and IoT: NFT Rewards for NGO Campaigns

Mapping the Project to Relevant Sustainable Development Goals (SDGs):

Goal 9 - Industry, Innovation, and Infrastructure

This goal emphasizes the development of resilient infrastructure, promotion of inclusive and sustainable industrialization, and fostering of innovation.

- By using **Blockchain**, our project introduces transparency, security, and traceability in NGO campaigns. Blockchain ensures that volunteer efforts are authenticated and recognized, promoting trust in NGO operations.
- **IoT (Internet of Things)** adds efficiency to campaign management, such as tracking resources, monitoring campaign impacts in real-time, and automating workflows.
- Our project helps NGOs use decentralized systems, which means they don't have to rely on outdated, centralized methods that can be slow or inefficient. Instead, it provides a more modern and reliable setup that is better prepared for the future.

Goal 17 - Partnerships for the Goals

This goal focuses on strengthening global partnerships to support sustainable development efforts.

- By providing NFT rewards, our project creates a mutual value system where volunteers are motivated, and NGOs gain committed participants, reinforcing the partnership between these two groups.
- IoT devices ensure optimal utilization of campaign resources (e.g., monitoring environmental data or tracking goods). This strengthens the capacity of NGOs and fosters trust among stakeholders, making partnerships more effective.
- Our project bridges the gap between **technology providers** (e.g., Blockchain developers, IoT system integrators) and **NGOs**, encouraging them to collaborate on impactful solutions.