

Earthtile aims to create the world's first digital marketplace to reward ecosystem services stewardship.

\$125T

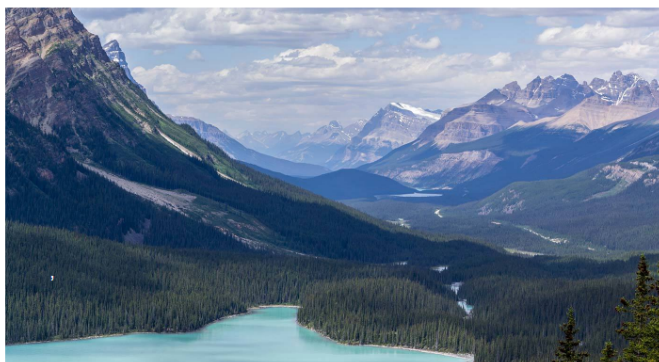
ESTIMATED VALUE
OF ECOSYSTEM
SERVICES

\$50B

ANNUAL GLOBAL
FUNDING FOR
CONSERVATION
ESTIMATE

\$0

CURRENT
TOKENIZED VALUE
OF ECOSYSTEM
SERVICES



Earthtile removes the barriers to democratic participation in planetary earth care.

The earthtile mission is to create a marketplace that supports sustainable land managers and indigenous communities in the work they do stewarding and restoring natural environments. In order to achieve this goal, they want to enable everyone to participate by providing a mechanism for collaboration and transparency at global scale.

Transparency, collaboration, and incentivization are common problems that a public distributed ledger can help solve to create a thriving marketplace. Earthtile's marketplace consists of two sides. On the one hand, there are communities and families that steward natural systems all over the world who would love to be rewarded for it—in fact they need to be if they are going to be able to continue to do it— and on the other hand, there are people all over the world who would love to balance their relationship with these ecosystems and with these communities, but there is just no simple, engaging, and trusted way for them to make that investment.

"Hedera's low energy use, speed, security, and scalability make it possible to transform planetary ecological stewardship into the largest economic opportunity in human history."

TIM WINTON, EARTHTILE

Earthtiles are the collectable digital assets that make that possible. The earthtile solution relies on the possibility of creating a shared world by directly connecting hundreds of millions of sustainable land managers and indigenous land owners with billions of consumers looking for a simple and rewarding way to pay for, connect with, and invest in ecosystem services. In order to do that earthtile measures and securely stores records of verified work undertaken in the stewardship and restoration of natural environments. These measurements are tokenized using the Hedera Smart Contracts API as collectable digital assets and earn hbars based on the quality of the stewardship of ecosystem services they represent. In the future, the earthtile team will look to transition this functionality to the Hedera Consensus Service.

INDUSTRY

Environment

OVERVIEW

Earthtile aims to create the world's first digital marketplace to reward ecosystem services stewardship.

CHALLENGE

Government and corporate bodies stand as ineffective intermediaries that collect and allocate resources to environmental management. Currently, there is no simple, engaging system that allows people to invest directly in sustaining the ecosystems we all depend on.

SOLUTION

Earthtile uses Hedera to connect the producers of ecosystem services directly with the people who consume them through the use of collectable smart contract-based digital assets that allow anyone to invest directly in ecological stewardship.