

F6: NFT Business models

Proposal Title: Mimic Nature with 'Living' NFT

Problem Statement: Typically NFTs are unchanging digital representations of static 2D art. What if they could mimic nature?

Describe your solution to the problem: Demonstrate through the ReWILD! AR mobile game App Cardano's potential to generate "living" smart contracts that can mimic nature.

Relevant experience: Four person team currently comprised of immersive media experts in AR/VR App development, publishing and marketing

Website: <https://rewildgame.toonstech.com>

Detailed plan: This proposal seeks seed funding for phase one development of an augmented reality (AR) mobile game App the core objective of which is the capture, breed and trade digital bison. Called BISONTOKEN, these NFT-empowered digital 3D animated bison shall, in time, demonstrate the "life-like" characteristics of real bison, generating adrenaline-pumping game play.

We define "living" smart contracts in the context of these NFTs as being able to respond to external economic and environmental conditions by being able to programmatically and periodically modify the terms written into the contract's metadata. In the context of our BISONTOKEN game pieces (virtual bison) this initially manifests in the programmable "health" of the animal as it "matures," its reproductive capacity and its environmental responsiveness. The same programmable characteristics could subsequently be applied to other virtual "living" organisms or economic activities.

Playable on both iOS and Android platforms for smartphones and tablets, this demonstrator will utilize SLAM (simultaneous localization and mapping) technology initially to display life-sized, three-dimensional bison. The creation of these digital bison will enable the developers to both showcase future game play and, importantly, begin testing periodic metadata updates. The developers see this as the first in a series of progressive steps to bring “artificial intelligence” to these digital avatars via future interaction with SingularityNET nodes.

Because of its mobile (out-of-doors) game format, the developers also see the project as an important way to encourage players to be more active physically, in contrast to more sedentary desktop-oriented games. The goal is to introduce players and the general gaming audiences to the benefits of the Cardano blockchain and its “living” smart contract metadata capabilities.

Request funds in USD: \$XX,000.00