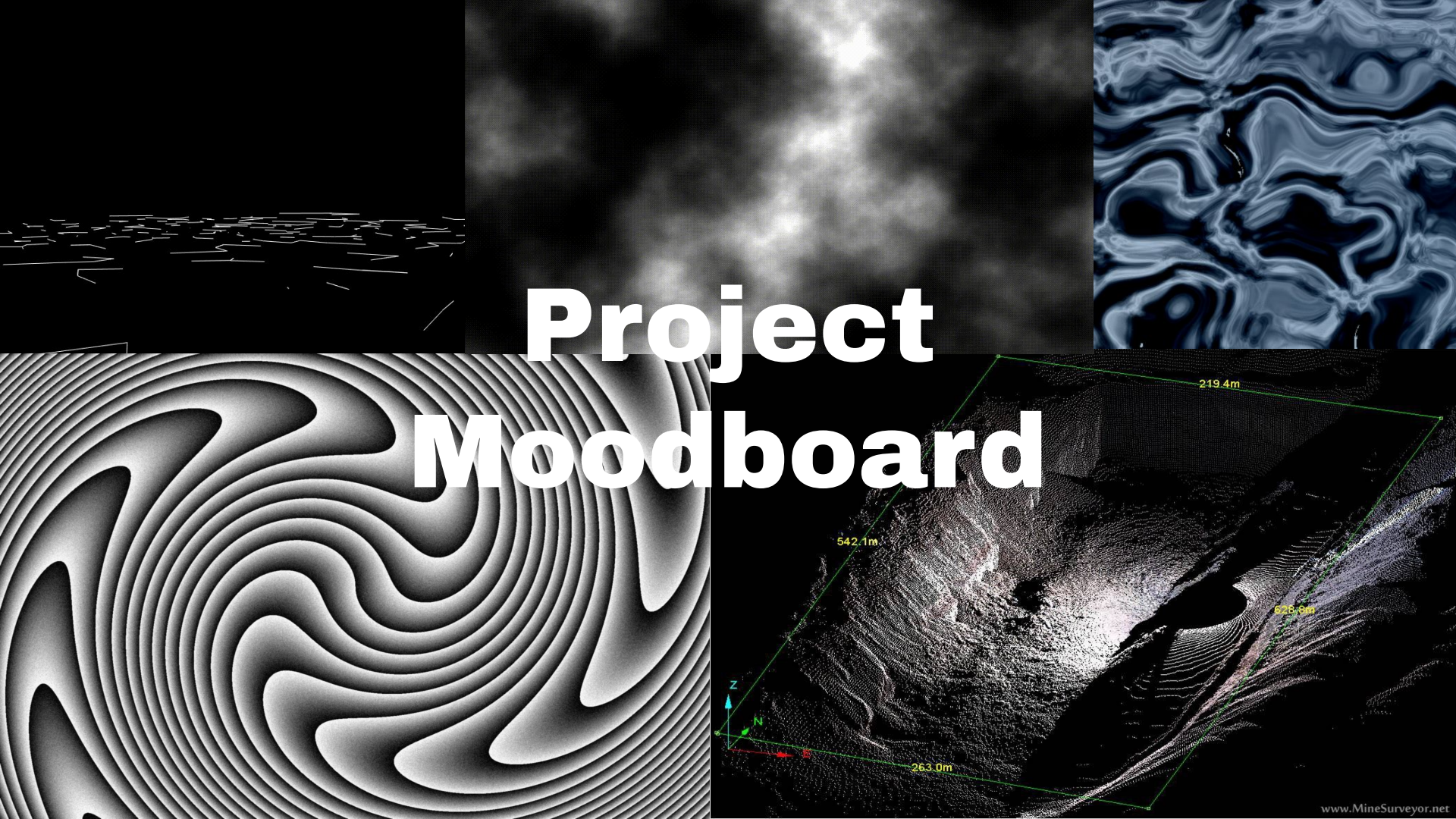# Final Project Presentation

Erik Zuuring / DOM-E5106 - Generative Media Coding

Where to start?

Domain warping, perlin noise, glitch, NFTs

Project Moodboard

To NFT or not to NFT?

Has become a popular trend in digital art / media

More sustainable options available based on platform / network

Allows for experimentation with interactivity

Explore new digital communities

H=П   tz1Xc...dhRhh ☰

OBJKT4OBJKT

OBJKT4OBJKT was an event ran in collaboration by DiverseNftArt and Hicetnunc on the
weekend of March 26th until 28th 2021, in which artists were encouraged to mint their
OBJKTs for free in order to swap with other artists and build a more diverse collection.

OBJKT#13032   OBJKT#12730

OBJKT4OBJKT SWAP WEEKEND!

Don't kill the planet

Most ecological issues stem from Ethereum based NFTs. Tezos is an alternative which uses 0.0002333333% less power consumption (0.0782/kWh approx.)

1 single-edition NFT

The ecological cost of tracking sales & bids on the blockchain:

Energy usage: **340 kWh** ⓘ
Emissions: **211 KgCO$_2$**

Equivalent to: ⌄   ‹   ›

🏭 An EU resident's electricity consumption for **1 month**
✈ Flying for **2 hours**
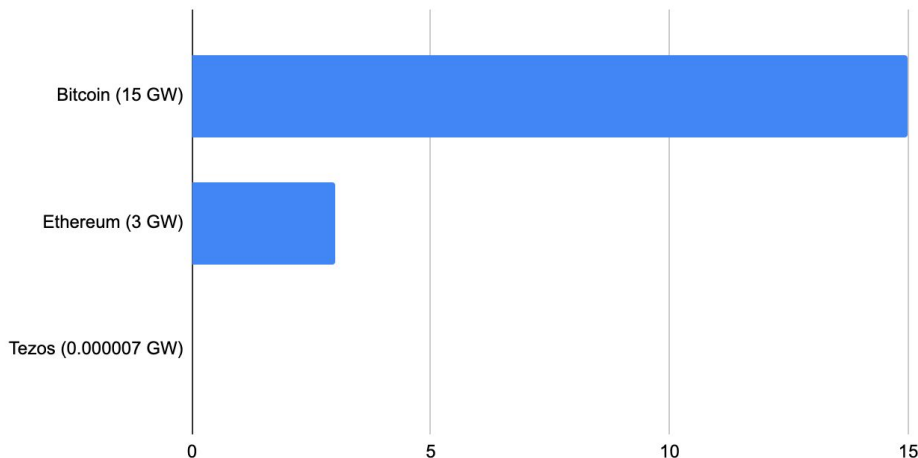🚗 Driving **1 thousand Km** (petrol)
🫖 Boiling a kettle **4.5 thousand times**
💻 Using a laptop for **3 years**
🖥 Using a computer for **10 months**

Estimated continuous draw (measured in GW)

Bitcoin (15 GW)

Ethereum (3 GW)

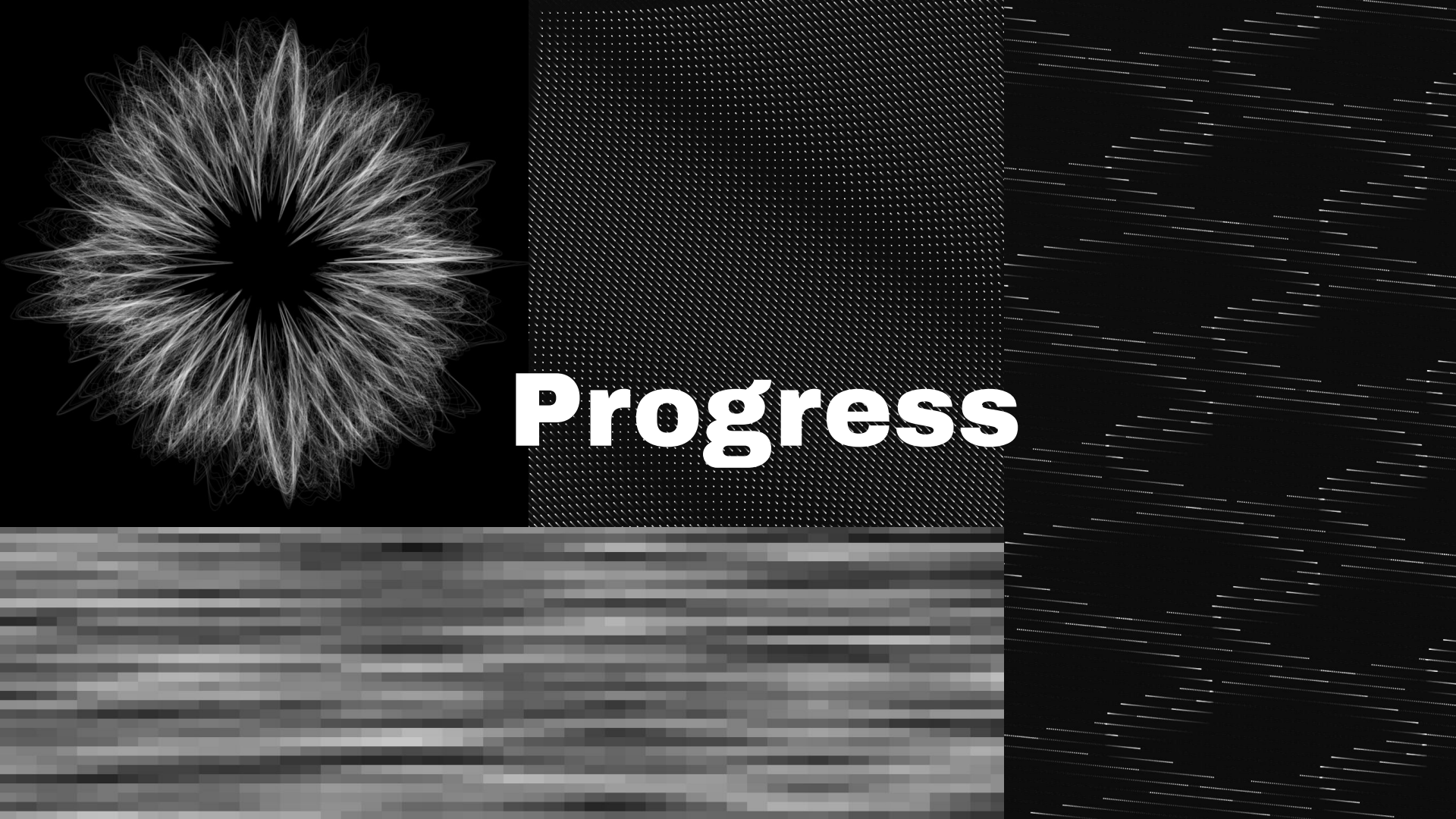Tezos (0.000007 GW)

0   5   10   15

Development Methods

- Using SVGs as a container for JS to create interactive images
- p5.js for mouse / animation events
- Upload to hicetnunc as an NFT

Progress

Project Outcome

Create warping / perlin noise based SVGs which respond to mouse

Have a curated collection of pieces to post on Hic et Nunc

Further Reading

Episode V. Toward a New Ecology of Crypto Art: A Hybrid Manifesto || Flash Art. (2021, February 26). Flash Art.

https://flash---art.com/2021/02/episode-v-towards-a-new-ecology-of-crypto-art/

memo. (2021, April 17). memo/eco-nft. GitHub. https://github.com/memo/eco-nft