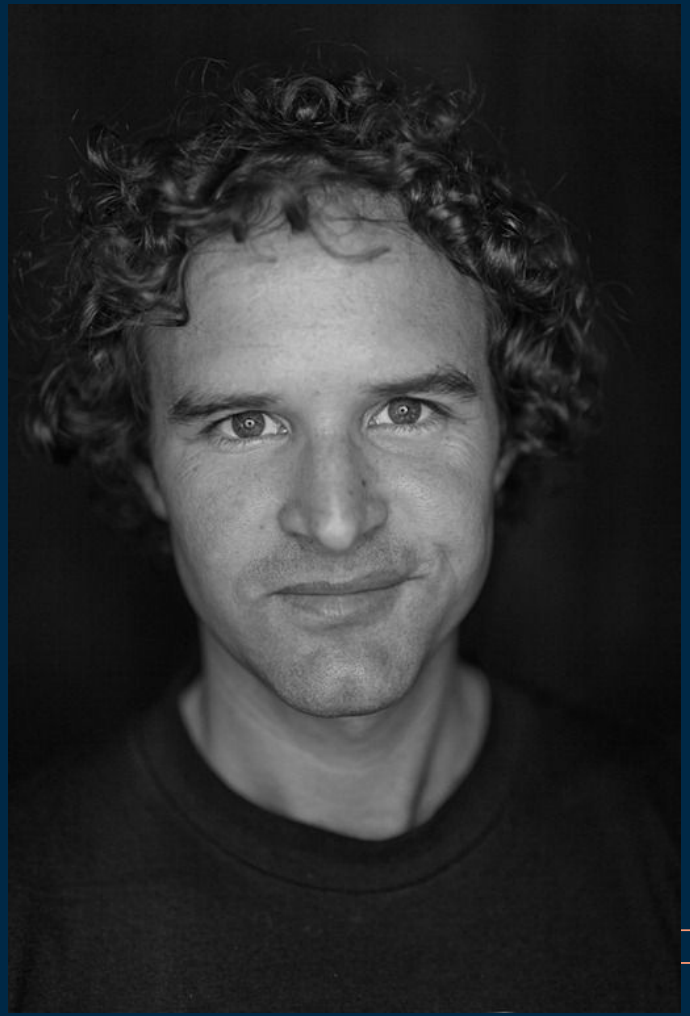
Kyle McDonald

By Hannah Gabany

Meet the Artist

- Kyle is a multimedia artist who primarily works with code
- Releases tool kits for other artists to use
- Recently became a adjunct professor at NYU's ITP
- Tries to share new technologies to understand how they affect society



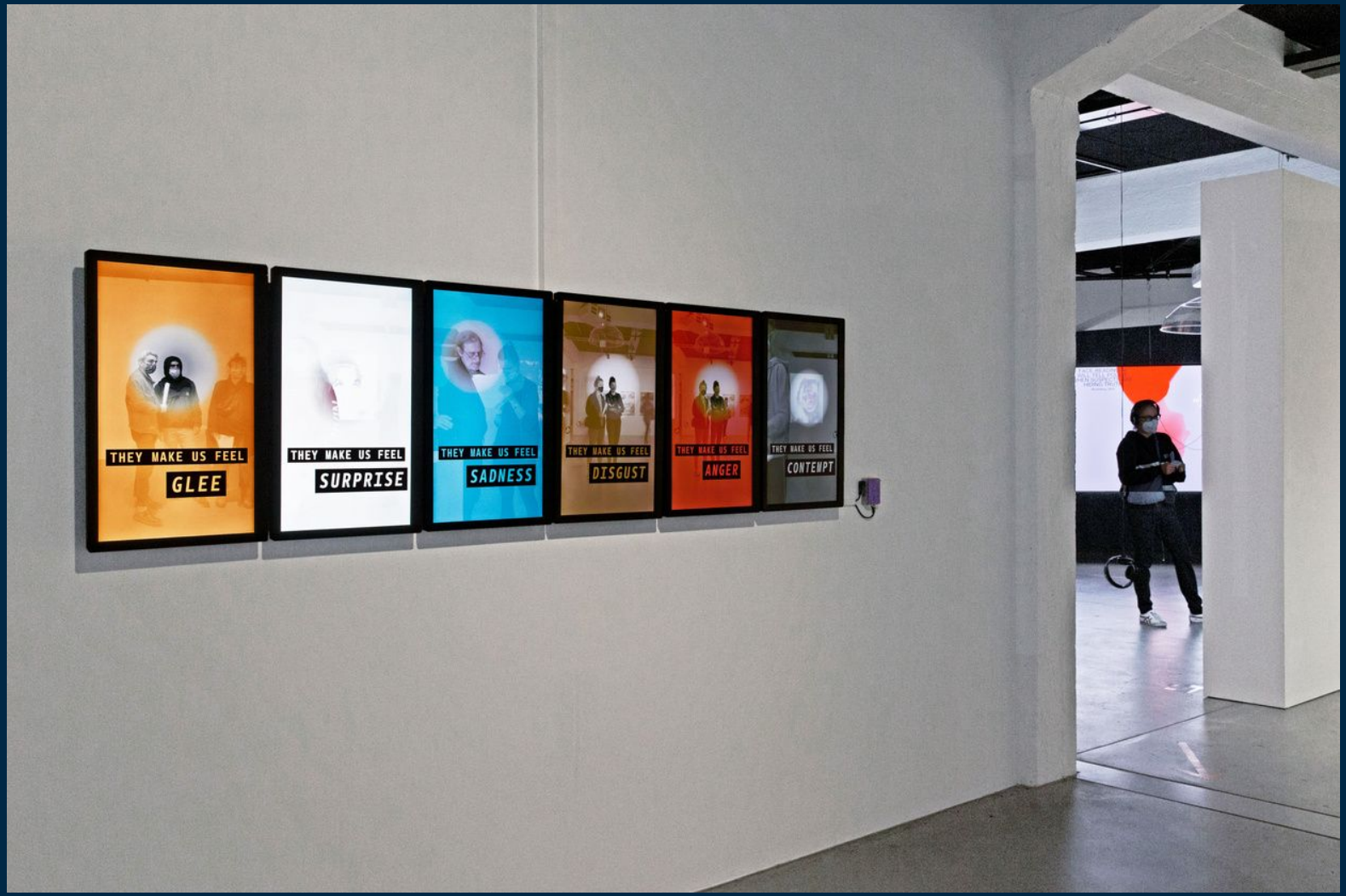
Noodle

- Buildable I/O device
- Customizable
- Merges tech and emotions

- Raspberry Pi Model B
  http://www.adafruit.com/products/998
- Raspberry Pi Camera
  http://www.adafruit.com/products/1367
- 5V 1A (1000mA) USB port power supply - UL Listed
  Tutorials: http://www.adafruit.com/products/501#tutorials
- 8GB Card with NOOBS 1.3
  Tutorials: http://www.adafruit.com/products/1583#tutorials
- USB cable - A/MicroB
  Tutorials: http://www.adafruit.com/products/592#tutorials
- USB Powered Speakers
  Tutorials: http://www.adafruit.com/products/1363#tutorials
- Adafruit Assembled Pi Cobbler Breakout + Cable for Raspberry Pi
  Tutorials: http://www.adafruit.com/products/914#tutorials
- Miniature WiFi (802.11b/g/n) Module: For Raspberry Pi and more
  Tutorials: http://www.adafruit.com/products/814#tutorials
- NTSC/PAL (Television) TFT Display - 2.0" Diagonal
  Tutorials: http://www.adafruit.com/products/911#tutorials
- USB Battery Pack for Raspberry Pi - 10000mAh - 2 x 5V @ 2A
  Tutorials: http://www.adafruit.com/products/1566#tutorials
- RCA (Composite Video, Audio) Cable 6 feet
  Tutorials: http://www.adafruit.com/products/863#tutorials
- Blue Snowflake Microphone
  www.sweetwater.com/store/detail/Snowflake
- 4-port USB Hub
  sparkfun: 6 - $9.00 - PRT-00437 - USB Male Type A Connector ($1.50 ea.)
- 5V to 12V boost converter
  http://www.ebay.com/itm/1PC-HCJ-IPM-V5-LM2577-LM2587-Adjustable-Step-up-Power-Converter-Module-DC-DC-/190841738114

Vibe Check

- Video surveillance
- Expression analysis


THEY MAKE US FEEL
GLEE
THEY MAKE US FEEL
SURPRISE
THEY MAKE US FEEL
SADNESS
THEY MAKE US FEEL
DISGUST
THEY MAKE US FEEL
ANGER
THEY MAKE US FEEL
CONTEMPT

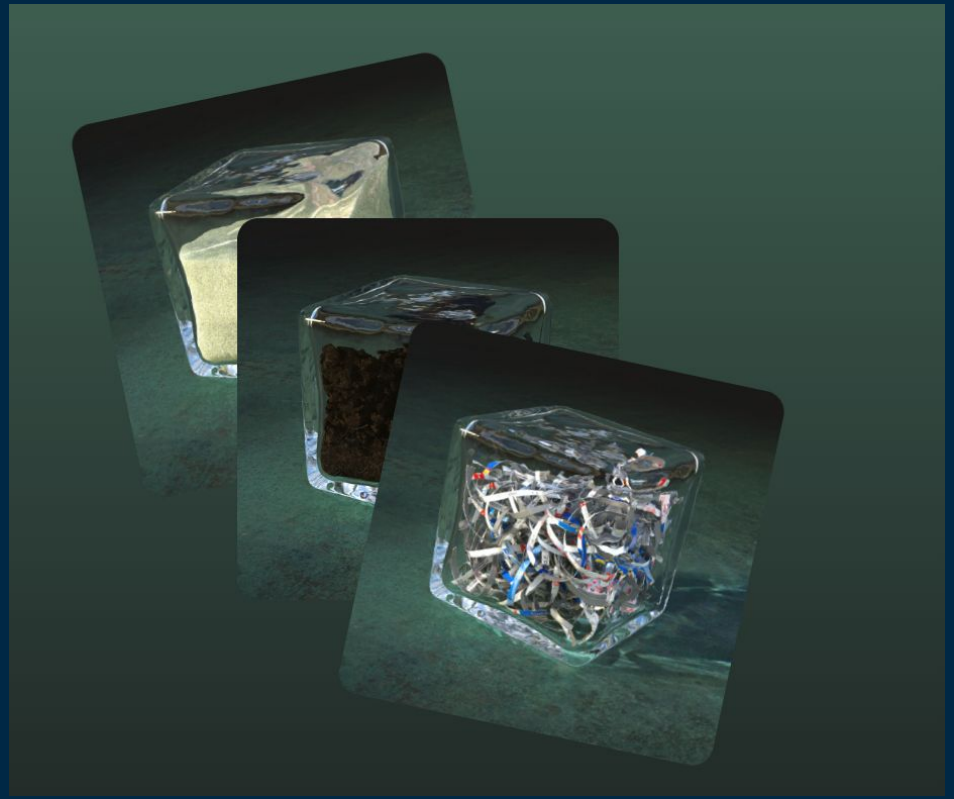
Cryptotherapy

- Created in 2022
- Group therapy
- NFT’s
- Crypto

"When a harm ends, how can we make Amends*?"*

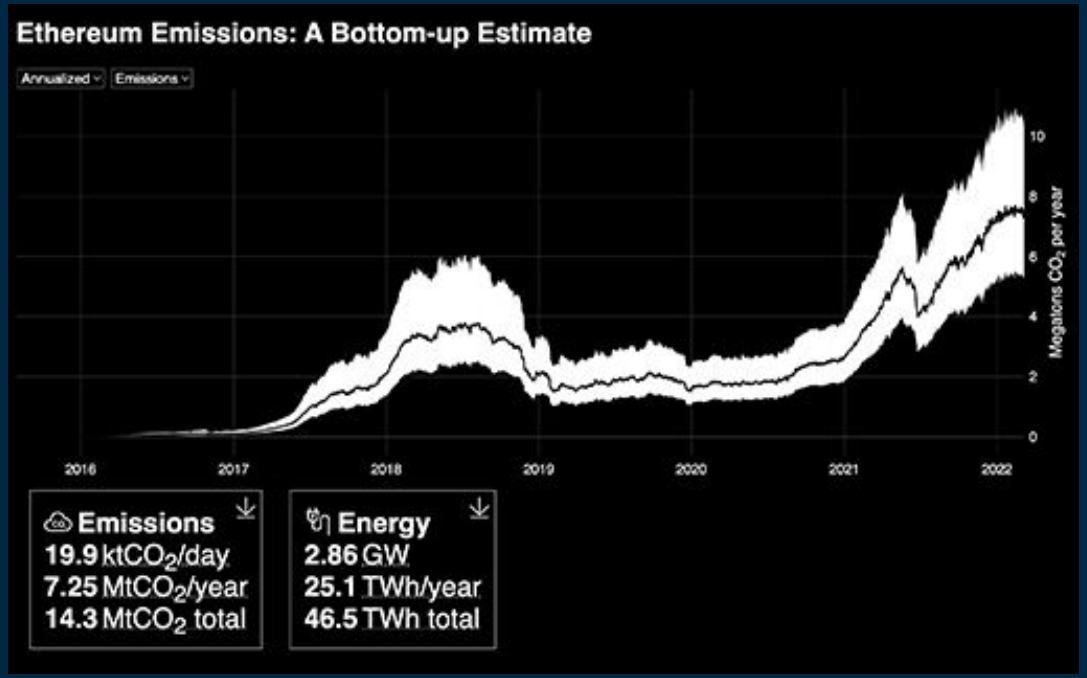
Amends

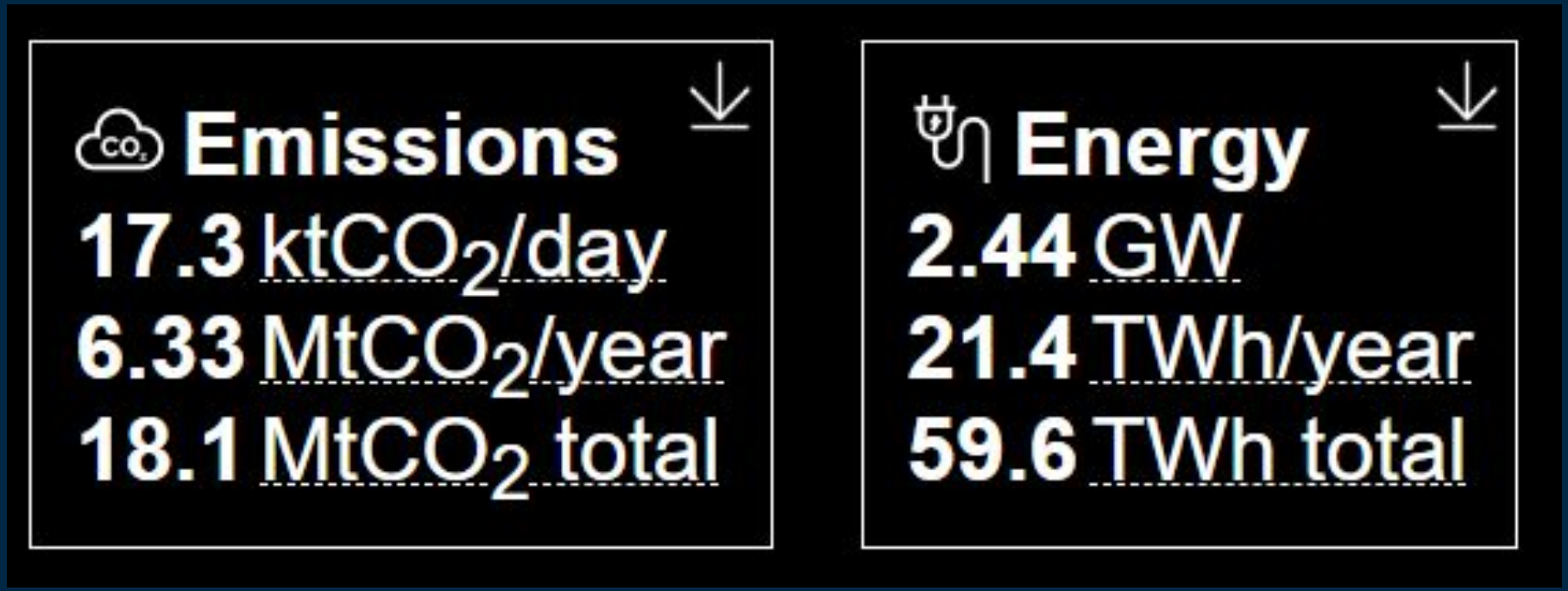
- Digital sculptures
- NFT’s
- Carbon emissions



Ethereum Emissions

- 2021 project
- Carbon emission estimate
- How bad is it?




Emissions
17.3 ktCO2/day
6.33 MtCO2/year
18.1 MtCO2 total
Energy
2.44 GW
21.4 TWh/year
59.6 TWh total

My Question to you

Ethereum emissions reached a detrimental level that has left a huge carbon footprint, but what about yours? If everything we do on the internet is stored how large do you think your footprint is? What do you do to try and reduce it?

Sources

- *Kyle McDonald*, https://kylemcdonald.net/.
- ArtFacts. “Kyle McDonald: Artist.” *ArtFacts*, https://artfacts.net/artist/kyle-mcdonald/174753.
- “Ethereum Emissions.” *Ethereum Emissions*, https://kylemcdonald.github.io/ethereum-emissions/.