

Cyano Automaton

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UROBOROS Festival

CREATURES















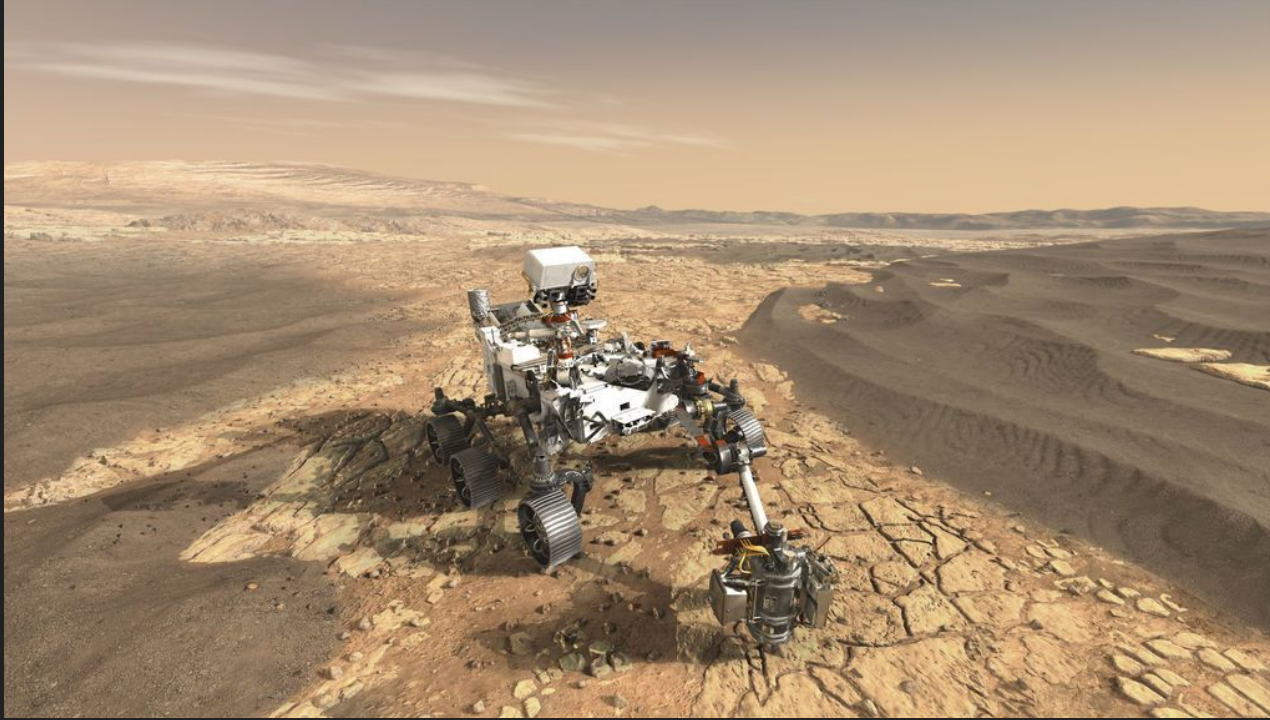


Gold produces value and CO2

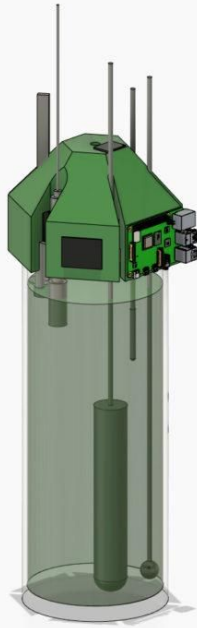


“Gold mines emitted on average 0.8 tonnes of CO2 equivalent for every ounce of gold that was produced in 2019”

What this money can be spend on?



How do we deal with that? How can we tell that story?

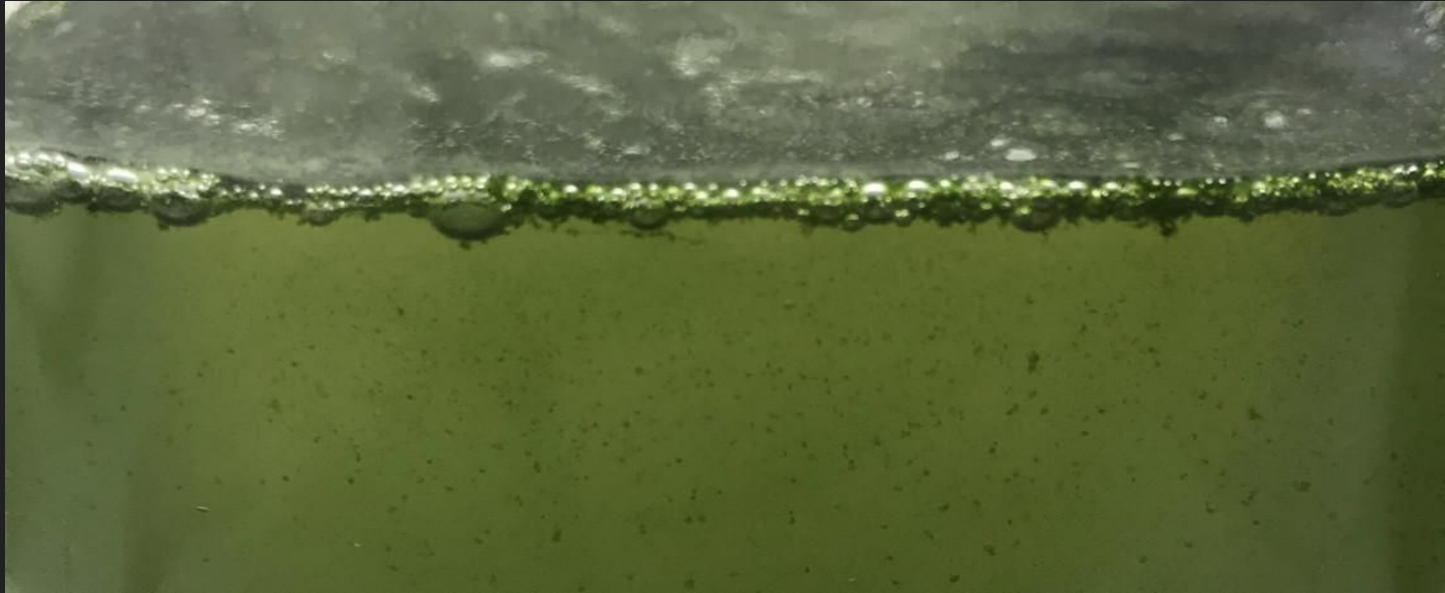


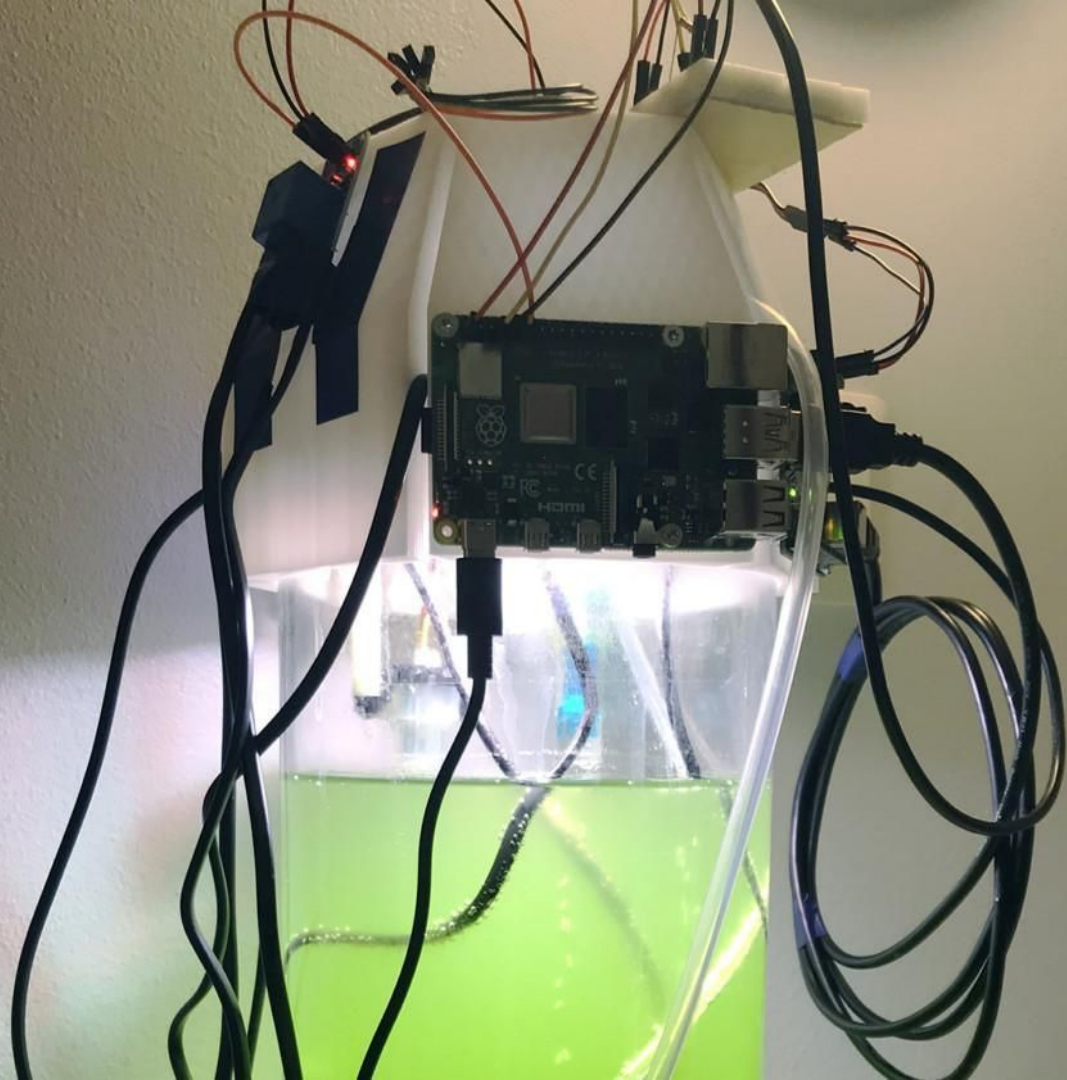
Cyano Automaton

The Cyano Automaton is an interactive bioreactor that cultivates cyanobacteria (spirulina) and gives voice to this species to tell a story. about past, present, and future colonizations. Through Artificial Intelligence, the bioreactor uses data from space exploration and terrestrial conquests to intertwine a multifaceted narrative, dictated by the bacteria's own growing cycles.

Spirulina

“One kg of Spirulina will create 1.8 kg of oxygen and will sequester 1.8 kg of CO₂”





Data used and intertwined

- “Gold mines emitted on average 0.8 tonnes of CO₂ equivalent for every ounce of gold that was produced in 2019”
- “One kg of Spirulina will create 1.8 kg of oxygen and will sequester 1.8 kg of CO₂”
- Top 20 Gold Producing Countries 1900 to 2018
- Gold production worldwide per year
- Historical gold prices (and inflation)
- NASA budgets since 1960

Speculative post on social media

“Guess what? NASA spent [10B]\$ on space missions in [1980]. That’s [25]% of the total gold extracted worldwide during the same year. That much mining created [100M] tons of CO₂. To counteract the effect, we need to produce [50M] tons of spirulina. Today, Cyano Automaton cultivated [1g].”

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