

DeCarbon

ETH Amsterdam 2022



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In battle against climate crisis, don't overlook the blockchain

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In battle against climate change, we don't overlook

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- Ethereum's major upgrade is coming. Should you be more bullish on it than bitcoin?

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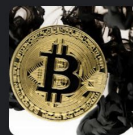
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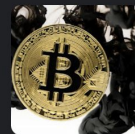
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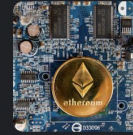
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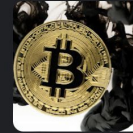
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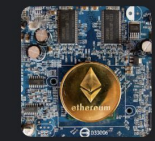


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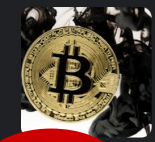
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...on going gre...
Currently, a single Ether...
...U.S. household uses in a workwee...
<https://www.downtoearth.org.in/blog/enviro...>
As cryptocurrency becomes main...
14 Jan 2022 — The **carbon footprint** of a sin...
was 102.38 kilograms of CO₂, which...
<https://www.the...>
Eth...

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CO₂

...major-changes...
ing to Ethereum to lower carbon footp...
the Ethereum network to dramatically reduce its **carbon footprint** and
more sustainable, Buterin and others at the **Ethereum Foundation** ...

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NATURE



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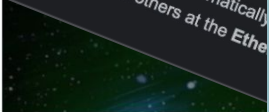


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But the harm is done...

Ethereum has been chugging along for 7 years

HOW

Can we fix this?



We built
a time
machine!



We all go back in time and offset the CO2 we emitted

by being DEGENS

DeFi Degens

• Easy

DeFi degenerates. A subculture associated with a disreputable corner of decentralized finance known for pump and dump schemes.

How it works ?

1. We fetch **all Ethereum transactions** sent from an **end user's account**.
2. We approximate the **total amount of Co2** generated by executing these transactions
3. We interface with **Patch.io**, a service that enables to purchase **carbon offsets** from global projects
4. We **issue an NFT on Polygon** to attest a user successfully offset his emissions
5. The user can also download the official patch.io certificate



Demo time



FYI, we offset all CO2 emissions of these
slides for you (on Mumbai 🤗)...