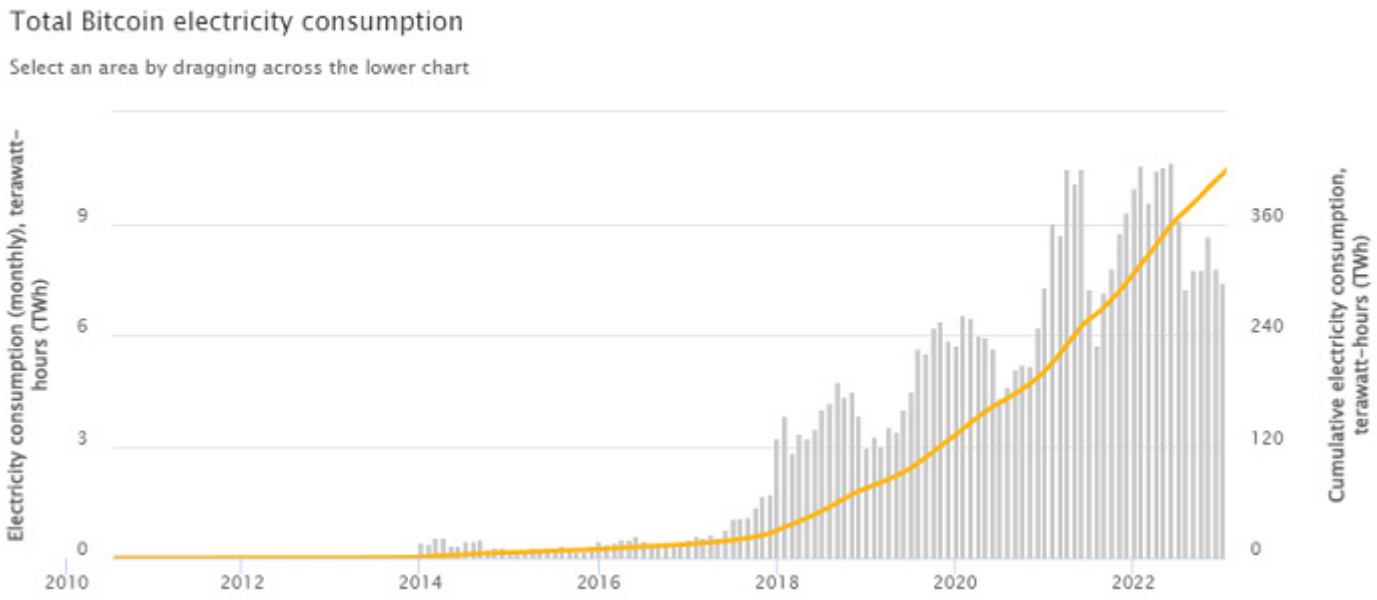
CLEAN BITCOIN (CBTC) Bitcoin Ordinal

- Proven, and transparent proof of right to unretired **Renewable Energy Credits** that reserve the amount of renewable energy to mine one **Bitcoin** at the date created per unit.
- Value of the clean bitcoin is correlated to the increase in global Bitcoin network electric use



- CBTC Tokens minted are backed by renewable energy credits based on the Cambridge Bitcoin Electricity Consumption Index (CECI)
- Example: 13.79 GW x 24h = 331 Gwh = 330,960 MWh/900 BTC daily reward
  = 368 renewable energy credits per unit of CBTC (1 renewable energy credit = 1 MWh)
- CBTC tokens are minted as **Bitcoin Ordinal NFTs** so that only the bitcoin network is needed
  CBTC tokens contain metadata that includes quantity denomination to efficiently support large quanties. They also include a reference to the renewable energy credits backing the token. The meta data is persisted to IPFS to reduce block size usage on the bitcoin network and optimize energy efficiency.
  The renewable energy credits per unit of CBTC **doubles** every Bitcoin halving.
- The next halving reduces the daily reward from 900 to 450.
- CBTC can be consumed (retired). Each CBTC can be consumed by an individual entity to claim the renewable energy that has been reserved on the Bitcoin network and used alongside their ownership of Bitcoin.

CARBON.CREDIT

CARBON CREDIT COLLECTION

- Proven, and transparent proof of right to unretired **Quality Carbon Credits**
- Minted as an **ERC-20** token on **Polygon** for optimal energy efficiency and liquidity
- Backed by diversified collection of quality carbon credits (1 Carbon Credit = 1 ton of carbon)
- **Realtime** publication of carbon credits backing the collection. Provenance is maintained to track carbon credits back to their origin projects
- **Full Transparency** of project details including name, type, description, region, vintage (date), and even associated sustainable development goals (**SDGs**).
- Diversified price exposure with **increased liquidity**

Global demand for voluntary carbon credits could increase by a factor of 15 by 2030 and a factor of 100 by 2050.

Voluntary demand scenarios for carbon credits, gigatons per year