

How to spend \$900 to help the climate?

LAND ART
GENERATOR
RENEWABLE ENERGY CAN BE BEAUTIFUL



\$900

Will buy you an offset credit for 1 ton of CO2 removed from the atmosphere through direct air capture and sequestered.

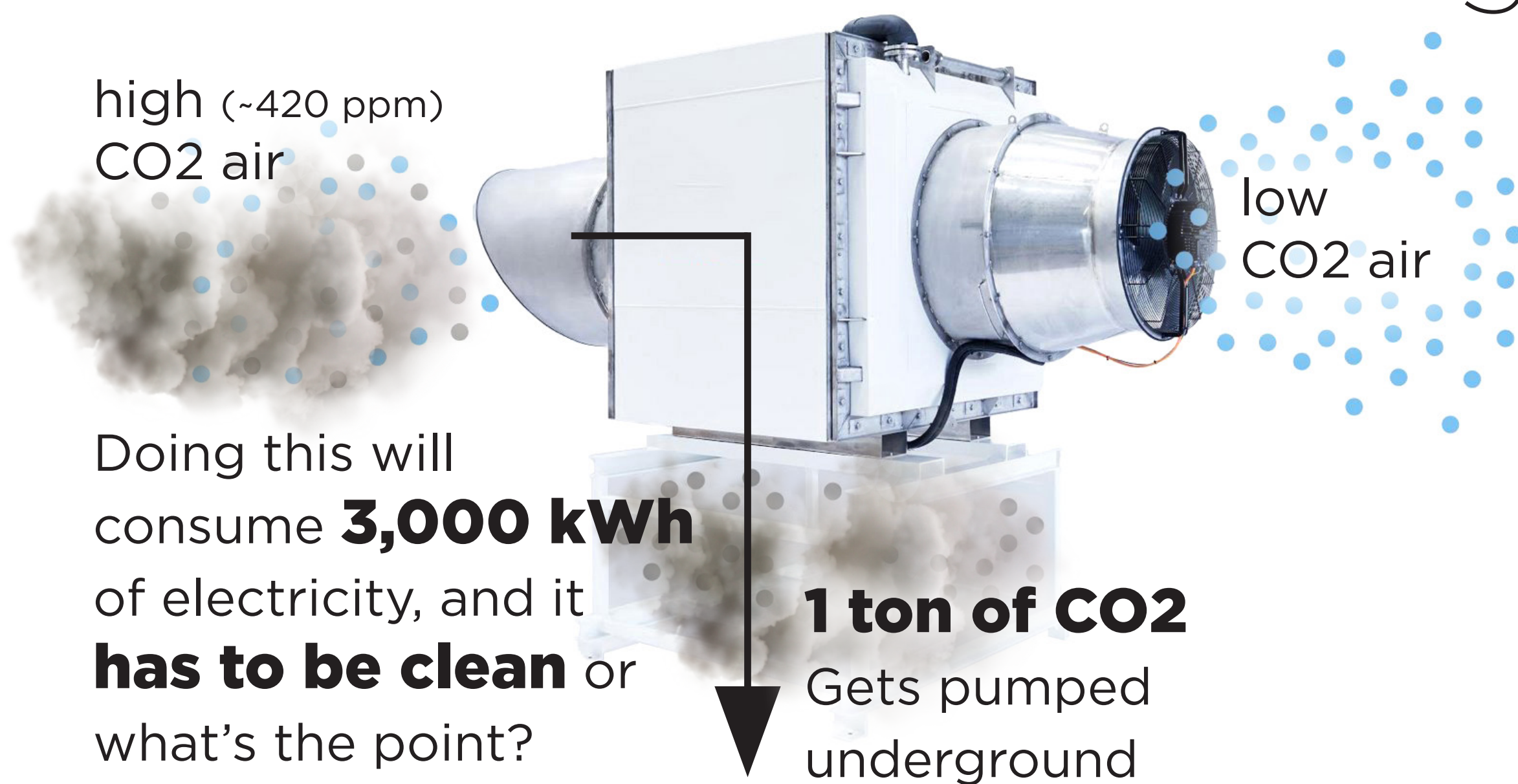
negative emissions technology?

or

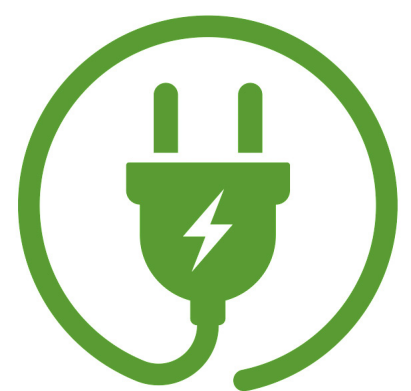
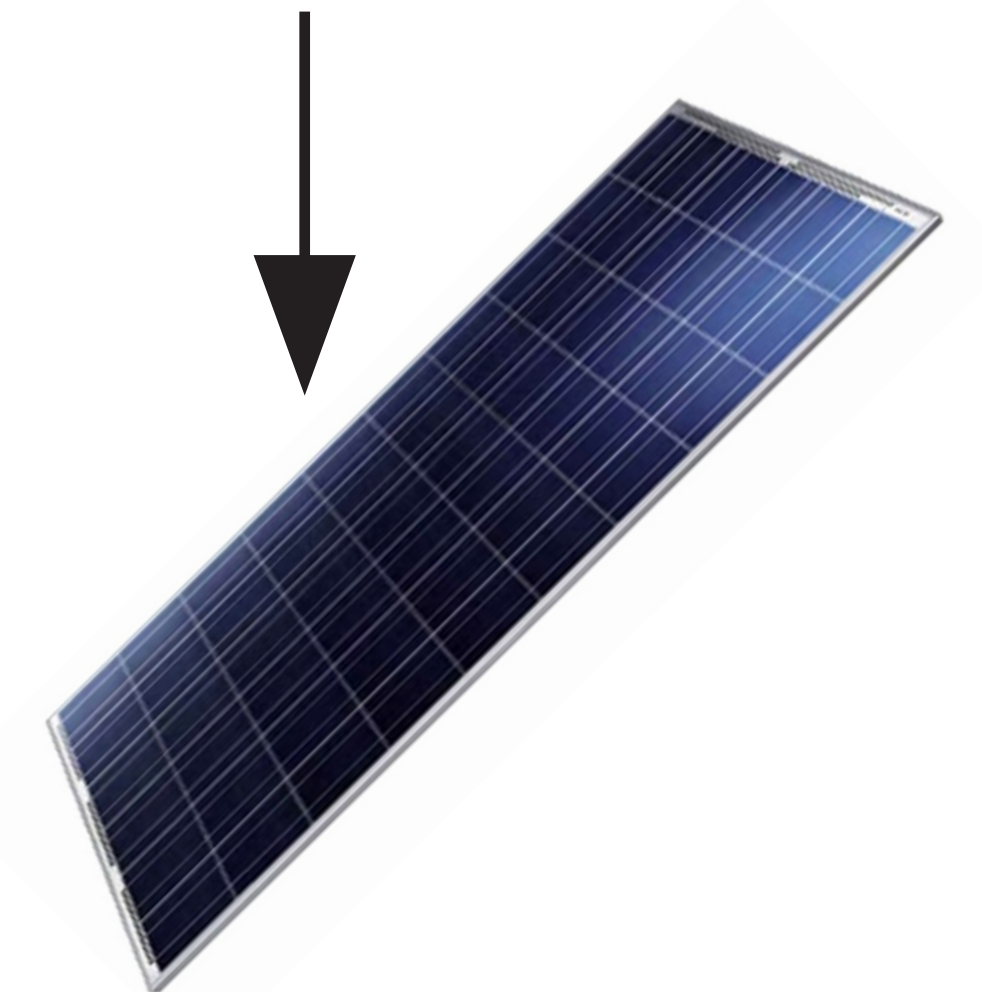
clean energy technology?

\$900

Will buy 450 Watts of solar power, equal to one (1) *installed* solar PV module.



Doing so will ultimately generate **21,000 kWh** of clean electricity (that's how much a 450 Watt solar PV module will produce over its 30-year lifetime).



3,000 kWh is also the amount of electricity that an energy efficient home uses in one year. At \$0.30 per kWh that would also cost you \$900.



21,000 kWh is enough to power *seven homes* for one year.



0 tons of CO2 emissions are avoided

1 ton of CO2

Generating 3,000 kWh to power one home for a year *using an electricity grid that includes fossil fuel power plants* emits about 1 ton of CO2.

We're back where we started from! By using 3,000 kWh of clean energy to sequester 1 ton of carbon instead of powering a home, *we end up emitting 1 ton of carbon anyway.*

14.7 tons of CO2

emissions is avoided when 21,000 kWh of grid power is conserved according to the EPA in 2024.

