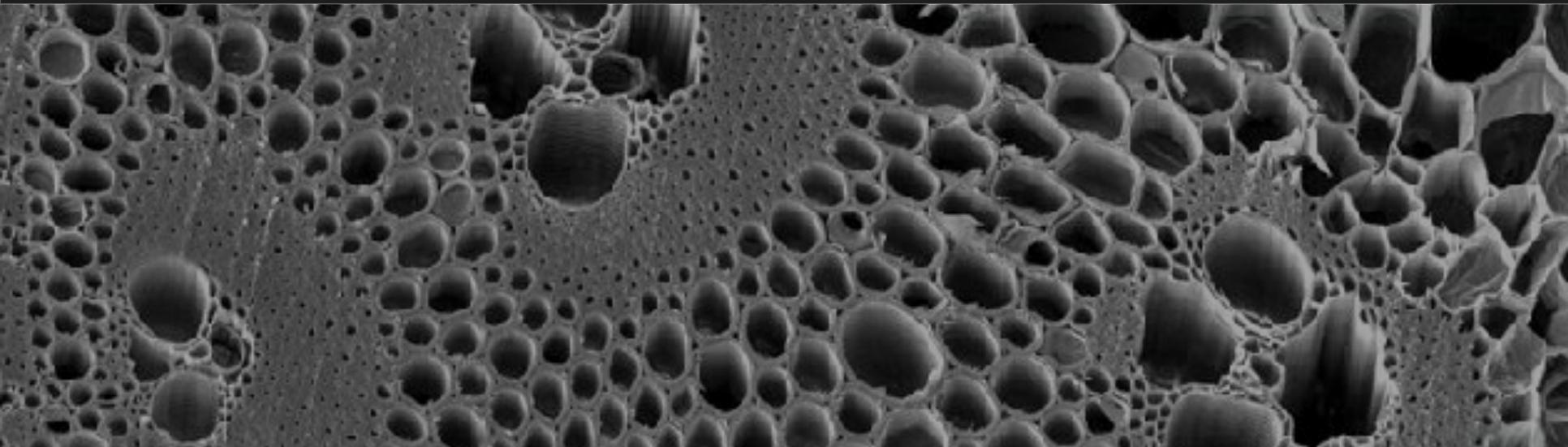
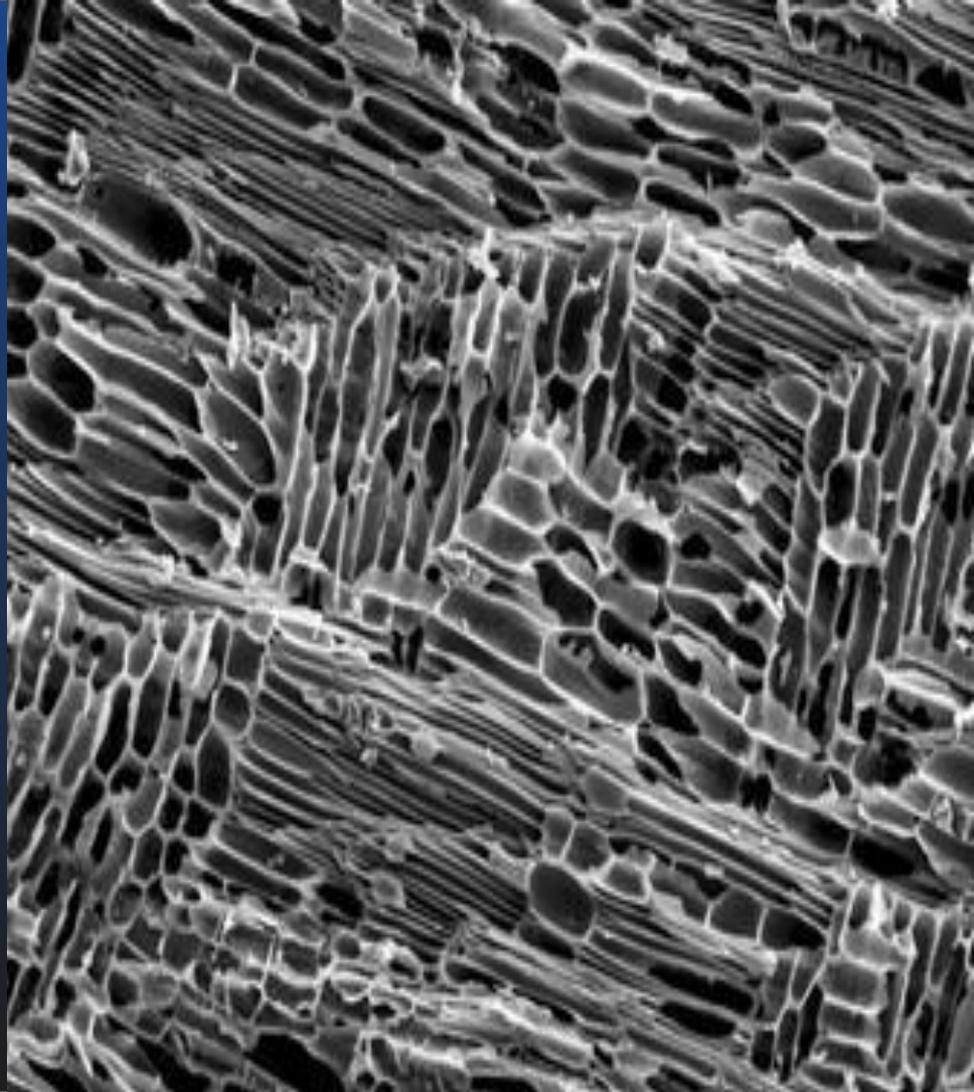


AMAZING BIOCHAR

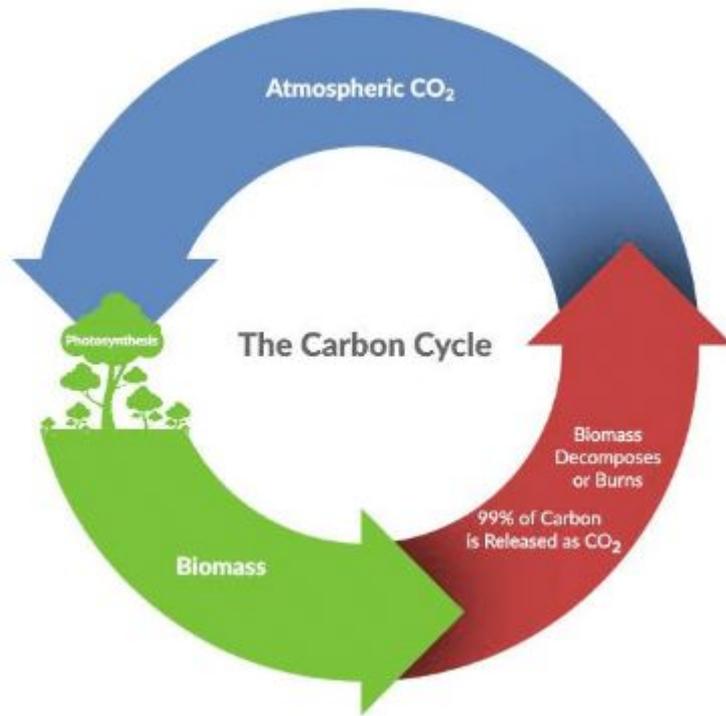


WHAT IS BIOCHAR?

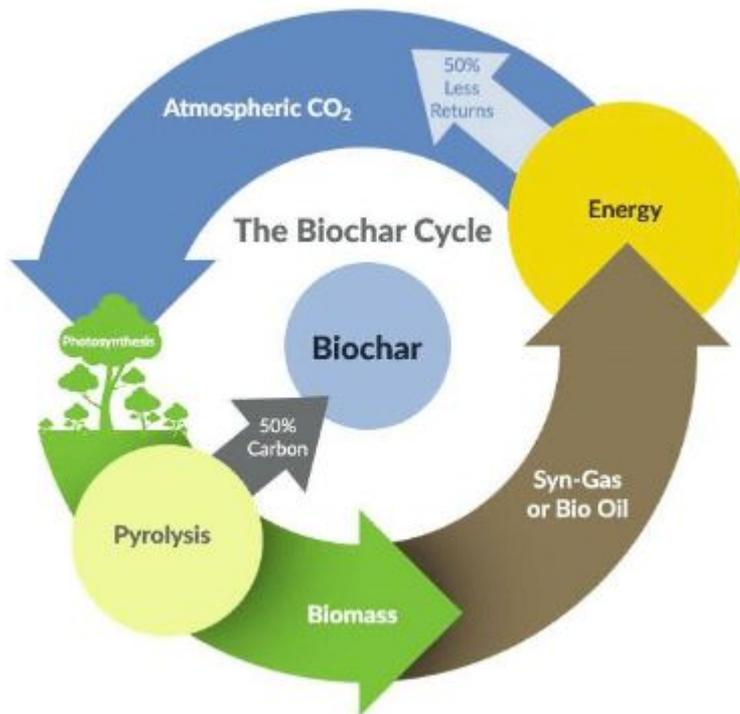
Biochar is simply carbonized waste biomass. Any biomass that is heated in a low oxygen environment (pyrolysis), in order to thermally convert and reduce the material to a stable form of carbon.



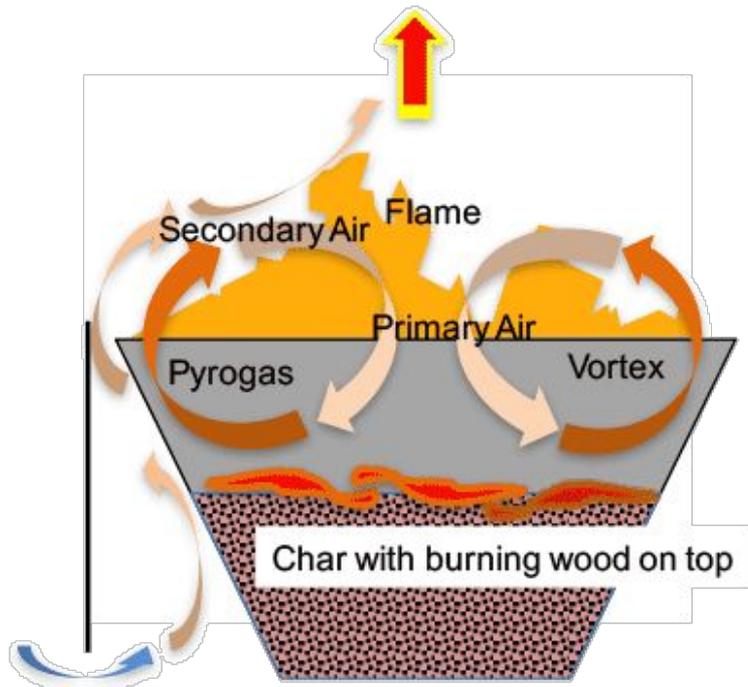
THE NATURAL CARBON CYCLE



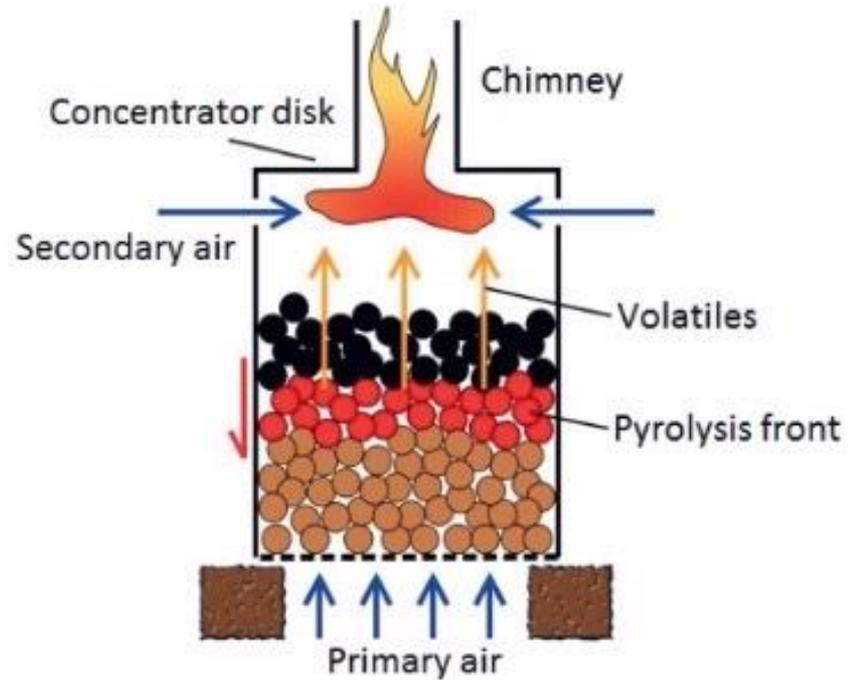
THE BIOCHAR CARBON CYCLE



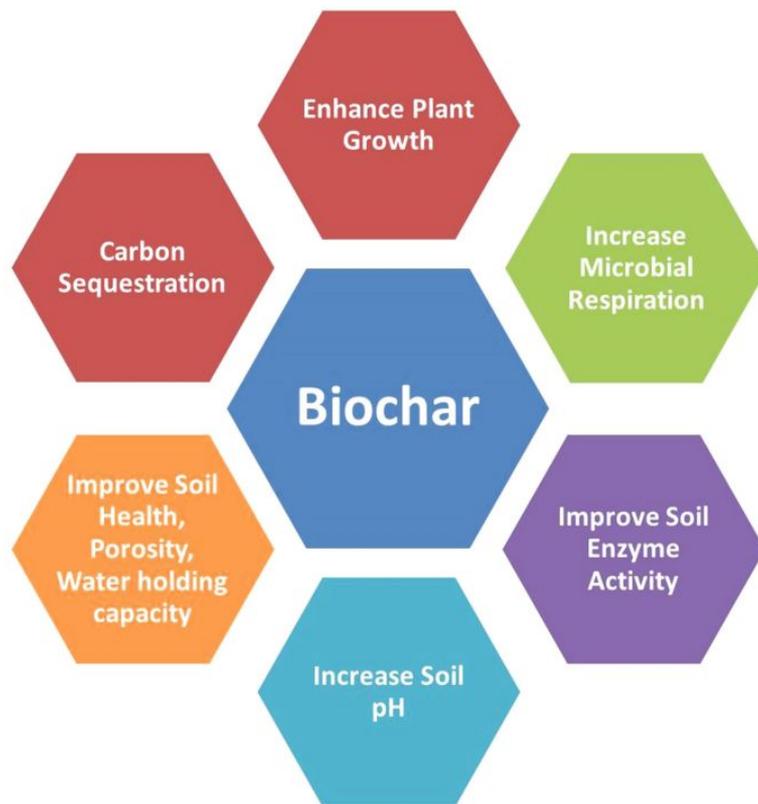
KON TIKI KILN



TLUD STOVE



BIOCHAR AS SOIL AMENDMENT



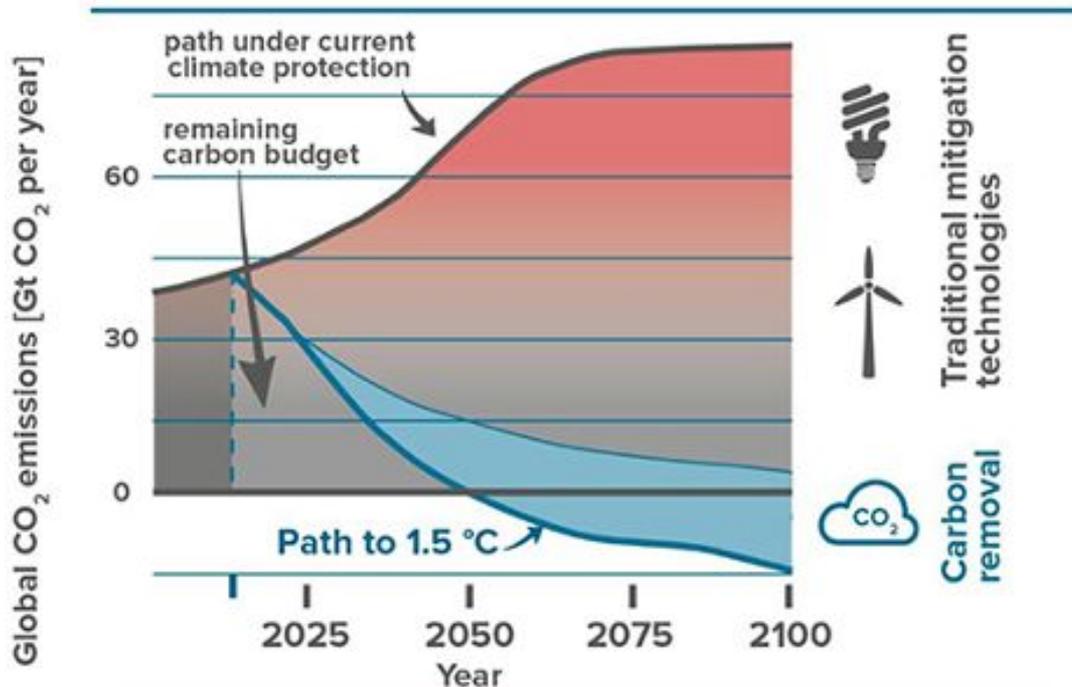
HISTORY OF THE USE OF BIOCHAR

Terra preta, or black earth, is found in the Amazon region. These deep black soils were created over 2,000 years ago, a result of the indigenous population's waste and soil management practices. Terra preta soils have a high carbon content when compared to nearby soils.



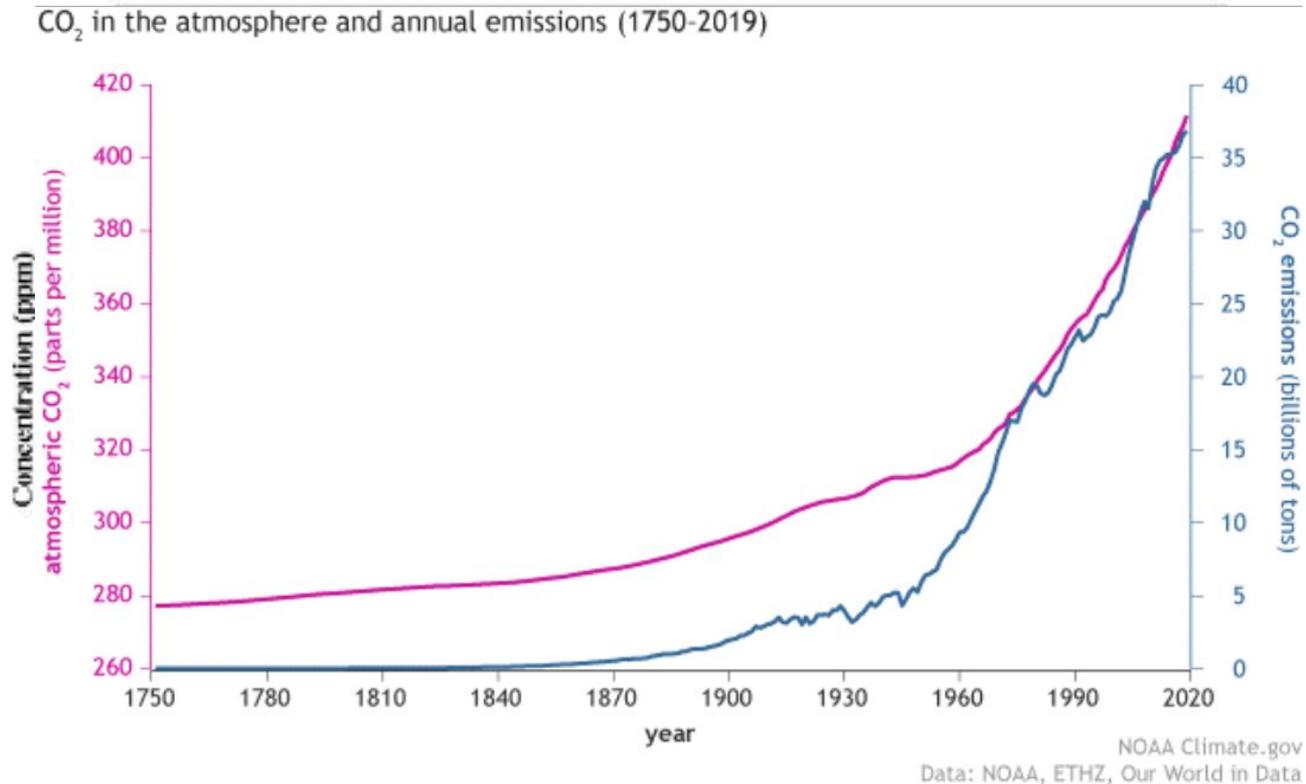
WHY CARBON SEQUESTRATION (CDR) IS CRITICAL

How to keep global warming below 1.5 °C.

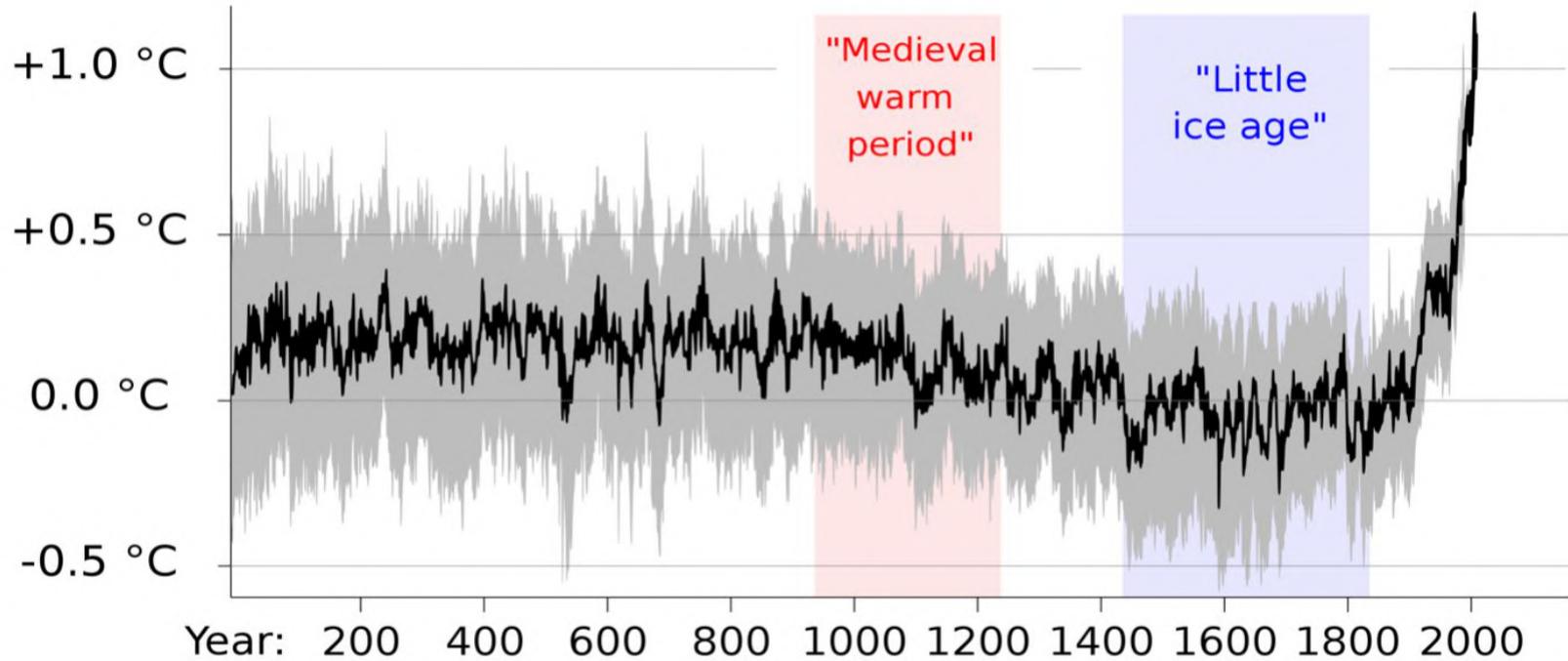


Data source: IPCC, Mercator Research Institute

ATMOSPHERIC CO₂ FROM 1750-2020

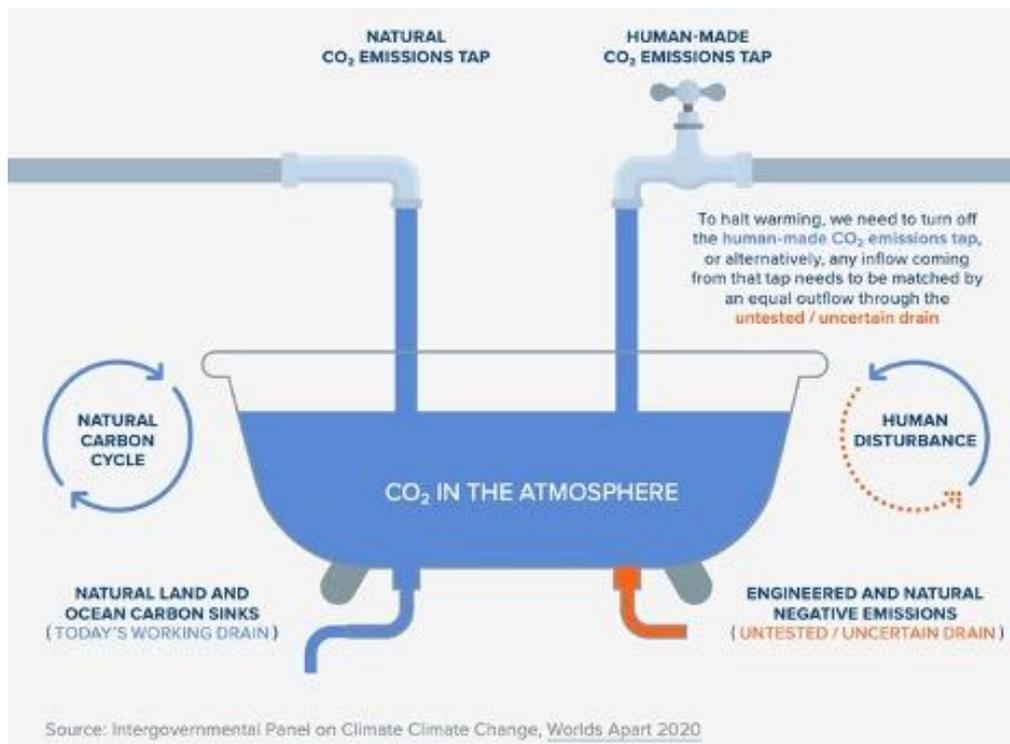


GLOBAL AVERAGE TEMPERATURE CHANGE

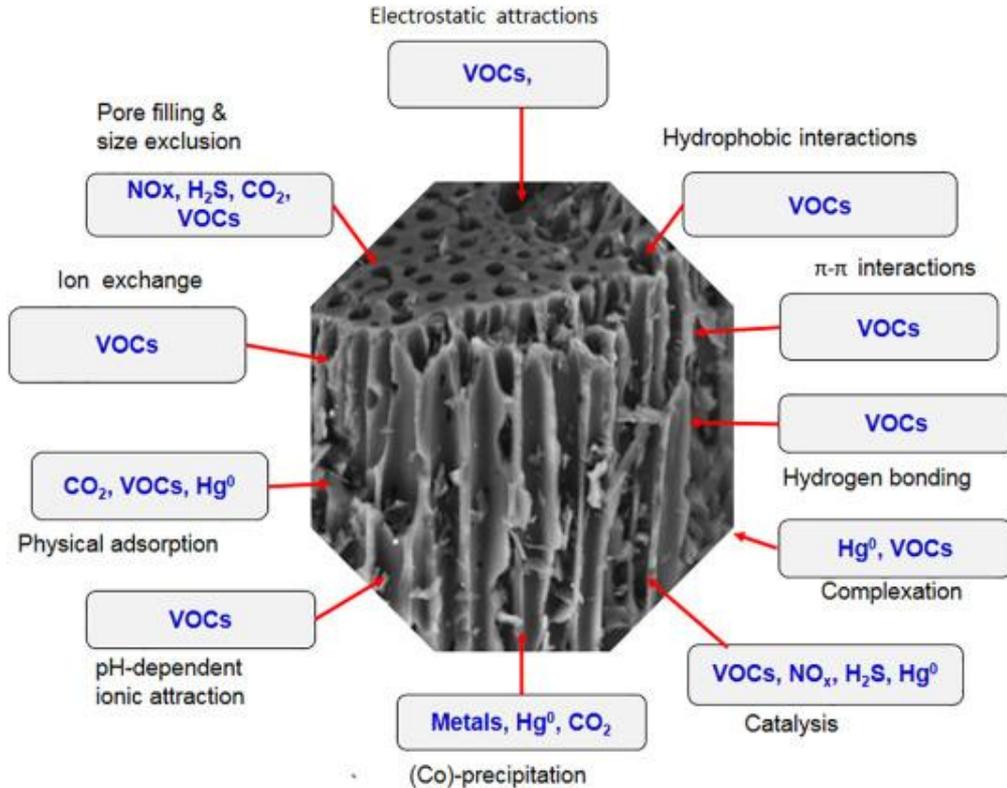


From graphic by Ed Hawkins. Data: from PAGES2k (and HadCRUT 4.6 for 2001-). Reference period: 1850-1900.

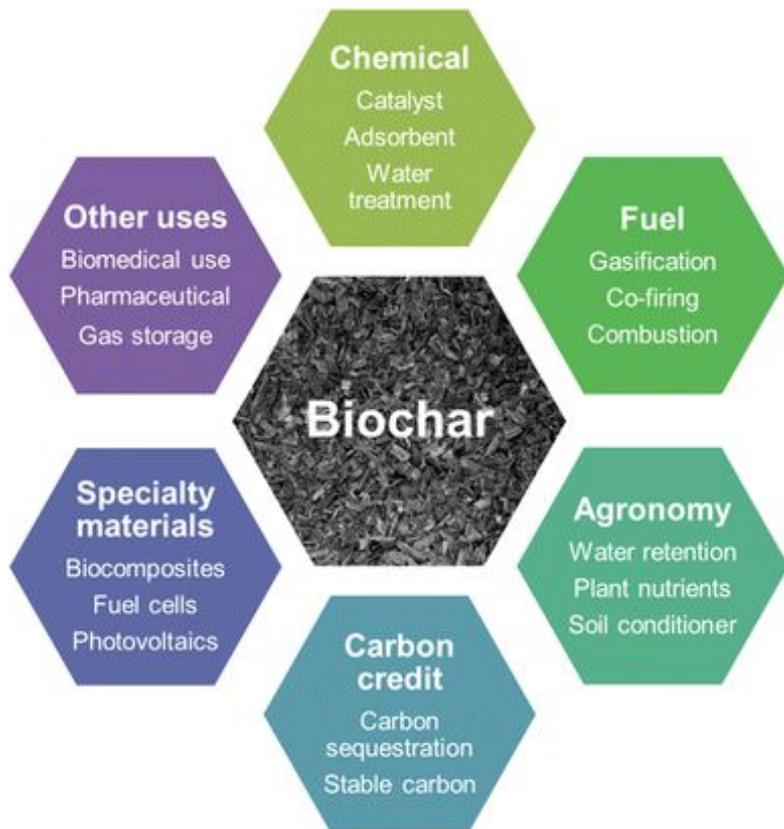
TIME TO TURN OFF THE TAP!



BIOCHAR IS A FILTER



THE MANY USES OF BIOCHAR



BIOCHAR AS CONSUMER PRODUCTS AND BUILDING MATERIALS





SMALL FARM COMPOST + BIOCHAR SET UP

