

PROFIT FROM BIOCHAR WASTE HEAT & SYNGAS



Generate Electricity + Carbon Credits.

Improve carbon credit value, utilize syngas, and reduce operating cost.

LEARN MORE >

HOW IT WORKS

Adding an ElectraTherm unit to a pyrolysis system recovers thermal energy lost to waste heat and converts it into carbon-free electricity, helping offset the operations carbon footprint.

SYNGAS

Route syngas through a boiler or thermal oxidizer (TOX) with heat recovery to generate more carbon-free power, dry feedstock, or heat on-site buildings, further increasing the efficiency of your biochar production.

BE PREPARED



REGULATORY COMPLIANCE

- European Biochar Certification (EBC) compliant
- European Union (EU) Carbon Removal Certification Framework (CRCF)
- Corporate Sustainability Reporting Directive (CSRD)



CARBON CREDIT VALUE

- Improve Life Cycle Assessment (LCA)
- Decrease operations' carbon footprint and increase credits
- Reduce emissions factor of operations



INCREASE BIOCHAR VALUE

- Environmentally friendly suppliers demand higher biochar sale prices
- Clean energy may qualify for Investment Tax Credits (ITC) or Production Tax Credits (PTC) or Renewable Energy Credits (RECS)

