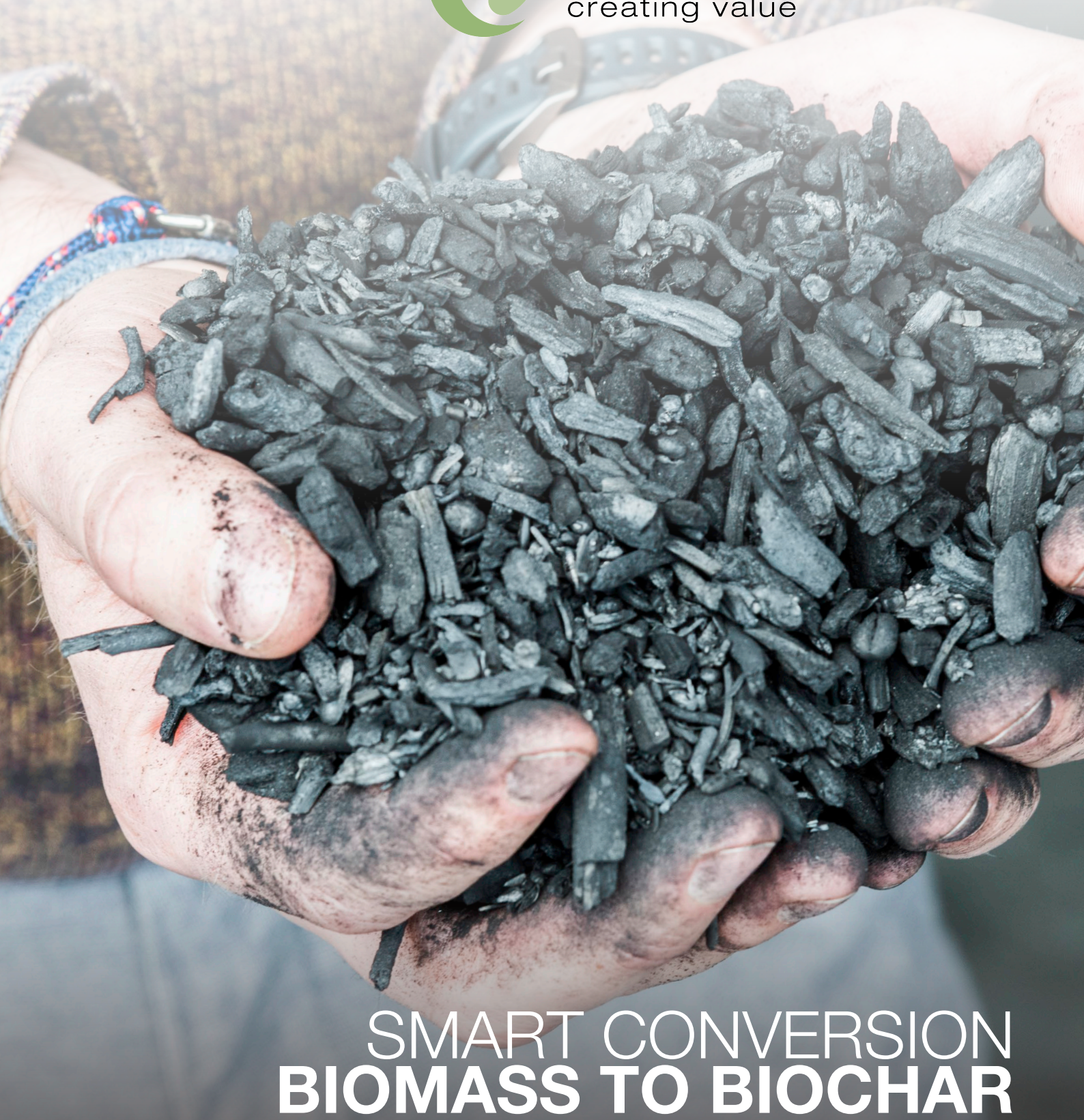




PYROPOWER
creating value



SMART CONVERSION BIOMASS TO BIOCHAR

Revolutionary CO₂ negative biomass CHP technology

BIOMASS treatment process chain

INPUT SOURCES

- sieve remains
- wood residues
- agricultural leavings



DRYING



PYROLYSIS



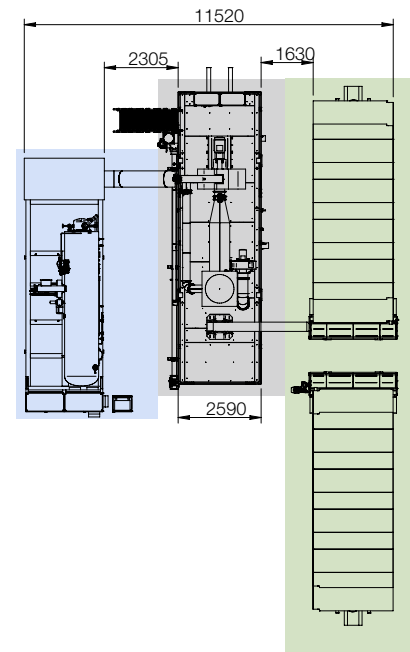
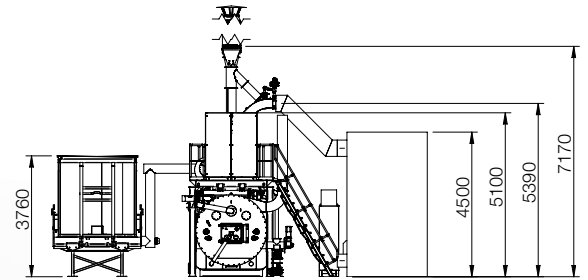
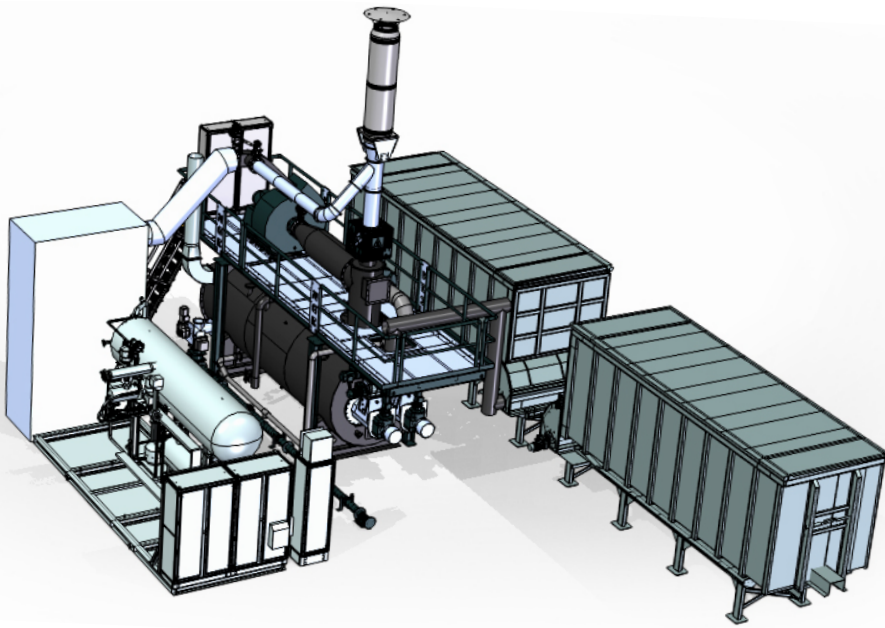
ELECTRICAL & THERMAL POWER GENERATION



PyroPower[®]
Process



PyroPower® CHP 120



Pyrolysis unit with ORC

Moving floor

SIZES

PyroPower Sizes	Output Power (kW _{el})	Output Heat (kW _{therm})	Output Biochar (t/a)	CO ₂ stored (t/a)
CHP 500	500	2350	2600 - 2800	~ 6800
CHP 350	350	1630	2000 - 2100	~ 5200
CHP 250	250	1220	1200 - 1400	~ 3400
CHP 120	120	600	600 - 700	~ 1700

Reference **T:CRACKER**[®] 5000D



Next Generation Elements GmbH
Gewerbepark 22
A - 4101 Feldkirchen
Mobile: +43 664 6211054
E-Mail: info@nge.at