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TERRA HUMANA Clean Technology Engineering Ltd.
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ISO 9001 & ISO 14001 CERTIFIED

√ pyrolysis technology design √ fine carbon production √ carbon surface modification √
carbon regeneration √ agricultural biotechnology

Industrial and Scientific Research
COAL & CARBON KNOWLEDGE RESOURCES
to Support EU FP7 RTD Participation

- **Carbonization & Thermal Treatment Systems up to 300 MWe power capacity**
 - Scientific expertise on carbonization methods and processes
 - Scientific expertise on coal, carbon and biomass characterization & processing
- **Industrial engineering – DEVELOPMENT – ENGINEERING DESIGN – MANUFACTURING – INSTALLATION – OPERATION**
 - Carbonization rotary kilns up to 40,000 t/year capacity / unit
 - Pyrolysis post burners
 - Offgas treatment units
 - Heat exchangers
 - Solid material logistics, transport and storage
- **Implementation of ISO 14001 standards at industrial units**
- **Scientific expertise on environmental assessments**, including industrial & agricultural environmental impacts on soil, air, water, biosphere and impacts of waste (also hazardous) material on the human and natural environment.
- **Industrial permitting** of environmental, waste management and recycling projects.

3R Environmental Technologies

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