

TerraNova Energy GmbH



About the Company

TerraNova Energy GmbH has developed an advanced technology called TerraNova® Ultra to convert sewage sludge (a residue of the wastewater treatment process) into a solid fuel. TerraNova® Ultra is based on Hydrothermal Carbonization (HTC) that mimics natural coal creation and very significantly accelerates it. It offers a great potential for green energy production and recovery of valuable nutrients for fertilization. The TerraNova® Ultra systems feature highly efficient heat-recovery, minimizing the heat consumption of the HTC process to only 20% compared to thermal drying. TerraNova® Ultra reduces the residual mass of the sludge by more than 70% through ultra dewatering, allowing for considerable savings in disposal cost.

Products & Services

- TerraNova® Ultra

Key Advantages

- Energy saving in sludge treatment
- Class A classified product
- Sludge treatment and disposal costs are reduced
- Recovery of nutrients (Phosphorous recovery possible)
- Volume reduction of sewage sludge by ultra-dewatering
- Maximum reliability
- Economical
- Environmentally friendly
- Proven and awarded technology

Interested in meetings with:

- Potential Licensees (e.g equipment manufacturers for waste water and sludge treatment)
- Water treatment plant operators
- Engineering firms
- Planning offices
- Multipliers (e.g associations, public authorities)
- Project developers

More Information

<http://terranova-energy.com/>