

Sustainable Solutions for Waste Management and Energy Generation

Who are we?

DutchPowerGroup B.V. (DPG) is an international company with a mission to transform waste into opportunities, contributing to the development of a circular economy. We offer comprehensive solutions for waste management, ranging from consultancies to the execution of engineering projects for the separation, treatment and generation of energy from waste. Our modular and scalable technology adapts to various waste streams, allowing you to maximize utilization and minimize environmental impact.

Key Services

- **Consultancy:** Advice for the management and recovery of waste. We conduct waste studies and provide results-based solutions.
- **Engineering & construction:** Design and implementation of waste treatment plants.
- **Education and training:** Programs to strengthen waste management with local entities and transfer of knowledge to the local workforce regarding the machinery installed.
- **Business development:** Creation of alliances, search for local opportunities with companies and market development.

Decentralized Modular Waste-to-Energy (WtE) Technology

Our technology allows you to convert waste into energy, heat and steam, offering:

- Sustainable solutions at the local level.
- Low initial cost and rapid implementation.
- Modular and scalable systems adapted to specific needs.
- Ability to operate off the conventional power grid.
- Two models:
 - Chameleon: Grate Combustion Technology
 - Phoenix: Fluidized Bed System
- Capacity & General Specifications
 - Annual volume of 16,500 – to 50,000 tons
 - Maximum thermal capacity up to 12.5 MWt/h
 - Power Generation: 4MWe/h

Strategic Alliances

As a "one-stop-shop" for Dutch and European technology in the field of sustainable waste management, we offer the opportunity to collaborate with different companies and institutions

that provide the components and machinery necessary to supply a truly circular solution to waste.

- Circular economy projects with WtE as a final component that includes recycling plants for waste separation, digesters for organic waste, or other necessary machinery depending on the case.
- Access to financing through Dutch public funds and private entities.

Other technologies & machinery are offered *through our Dutch partners, the European Union or public government entities in the Netherlands.*

- **Separation plants** for all types of mixed waste (paper and cardboard, plastics, metals, etc.).
- **Aerobic** and anaerobic digesters for organic waste.
- Adaptation in our WtE machinery for the sole use of **biomass** as fuel.
- **Safe closure of landfills**, construction of **sanitary landfills** with pipes for methane extraction and installation of measures to prevent leaching.
- **Transport fleet**: trucks, dump trucks, etc.

Who do we work with?

Our experience includes projects with governments, municipalities, industries, NGOs and remote communities seeking sustainable solutions for waste management.

Opportunities in the transition to more sustainable waste management include:

1. Circular economy: Promote reuse and recycling to reduce reliance on landfills.
2. Environmentally friendly technology: Resilient systems that adapt to variations in the amount and type of waste, with the possibility of carbon capture.
3. Energy solutions at scale: Decentralized systems that provide clean energy and manage waste in both urban and remote areas.

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