

# Outline

## Attero. Energizing the environment

Attero is a leading Dutch waste management company active in the large scale processing of combustible and organic waste and in landfill. We enjoy a leading position in our three core markets. With over 650 employees, we process approximately 2,5 million tonnes of waste per year. Our focus is on the recovery of (raw) materials and the production of 'energy from waste'.



Since its inception in 1929, the company and its predecessors have developed from a regional player into a leading Dutch waste management company. We have waste processing facilities located throughout the Netherlands: three locations for the processing of combustible waste, seven locations for the processing of organic waste, and three active landfill locations.

### Shareholders

Attero is owned by two groups of shareholders. Six provinces hold 74% of the shares and 125 municipalities the remaining 26%.



### Core values

In managing the company the leading core values are: sustainability, innovation, reliability and customer orientation.

### Operations

- *Combustible waste*

The processing of combustible waste for energy production is our largest activity. Combustible waste is processed at various locations. We operate two waste-to-energy plants: an integrated waste separation and incineration facility in Wijster; and one in Moerdijk. Both facilities process 1,8 million tonnes of combustible waste yearly. In Groningen, we operate a solid waste separation facility with an anaerobic digestion installation. These three plants generate (sustainable) energy from waste. In Wijster and Groningen we separate plastics from the incoming waste in order to use them as raw material for the recycling industry.

- *Organic waste*

The materials for the processing of organic waste (composting) include vegetable and fruit waste and garden materials. The compost produced is used for soil improvement and is mainly marketed to the agricultural sector. Biofuels are also an output from the composting process and are sold as biomass to specialised small scale power plants. We operate two hall composting facilities (in Wijster and Moerdijk) and three tunnel composting installations (in Deurne, Venlo and Maastricht). On our Venlo site we operate a digestion installation for biowaste from households.



- *Landfill*

Mineral and combustible waste that cannot be reused or recycled is disposed off in landfills. The landfill facilities contain features that prevent the uncontrolled escape of chemicals and gases



through the installation of a base liner and drainage facilities, and vents for the controlled extraction of liquids and gases. Landfill gas is captured and can be used to fuel electricity production, or be processed and sold as green gas. Attero is the Dutch leading producer of green gas.

We operate three active landfills: in Wijster, Landgraaf and Tilburg. The landfills in Bergen op Zoom and Montfort have some remaining capacity and are selectively open.



### Modern, efficient and flexible

Our key operating facilities are relatively new, having been commissioned in 1996 (Waste-to-energy plant Wijster), 1997 (Waste-to energy plant Moerdijk, line 1-2-3) and 2008 (Waste-to energy plant Moerdijk, line 4). We own and operate efficient and well maintained incineration facilities with best in class thermal capacity utilisation rates and high availability rates. Our locations and transfer stations facilitate flexible and efficient operations. Furthermore we have direct access to railway transport facilities. This also significantly reduces the environmental impact of our operations.



### Some key figures

<b>Processing</b>	
Processing combustible waste	1,800 Kton
Processing organic waste	492 Kton
Processing mineral waste/landfilling	191 Kton
<b>Energy Production</b>	
Electricity from incineration and fermentation	1,011 GWh
Electricity from bio gas	31 GWh
Green gas production from bio gas	12 m Nm <sup>3</sup>
Share of Attero in Dutch electricity production	1%
<b>Other matters</b>	
Turnover	334 million
Operating result (EBIT)	84 million
Number of employees	653

