



CLEAN ENERGY TECHNOLOGY

VYNCKE

HOOGWEG

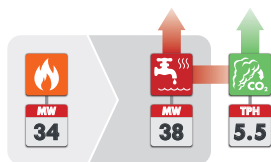
LUTTELGEEST, THE NETHERLANDS



Commissioned October 2020

Fuel natural wood waste

Plant efficiency > 110 %

NO_x emissions < 145 mg/Nm³Dust emissions < 5 mg/Nm³

BELL PEPPER GROWER



HOOGWEG

Hoogweg Paprikakwekerij is a bell pepper grower operating 120 ha of greenhouses. The company runs two biomass boilers, equipped with biogenic carbon capture unit.

Biomass was chosen as a sustainable alternative to natural gas.



NATURAL WOOD CHIPS

Lower heating value	9,000 kJ/kg
Ash content	2 %
Moisture content	45 %
Size	< 150 x 50 x 20 mm

PM1

Ash fusibility

Fouling

SO_x

NO_x

High temp. corrosion

Low temp. corrosion