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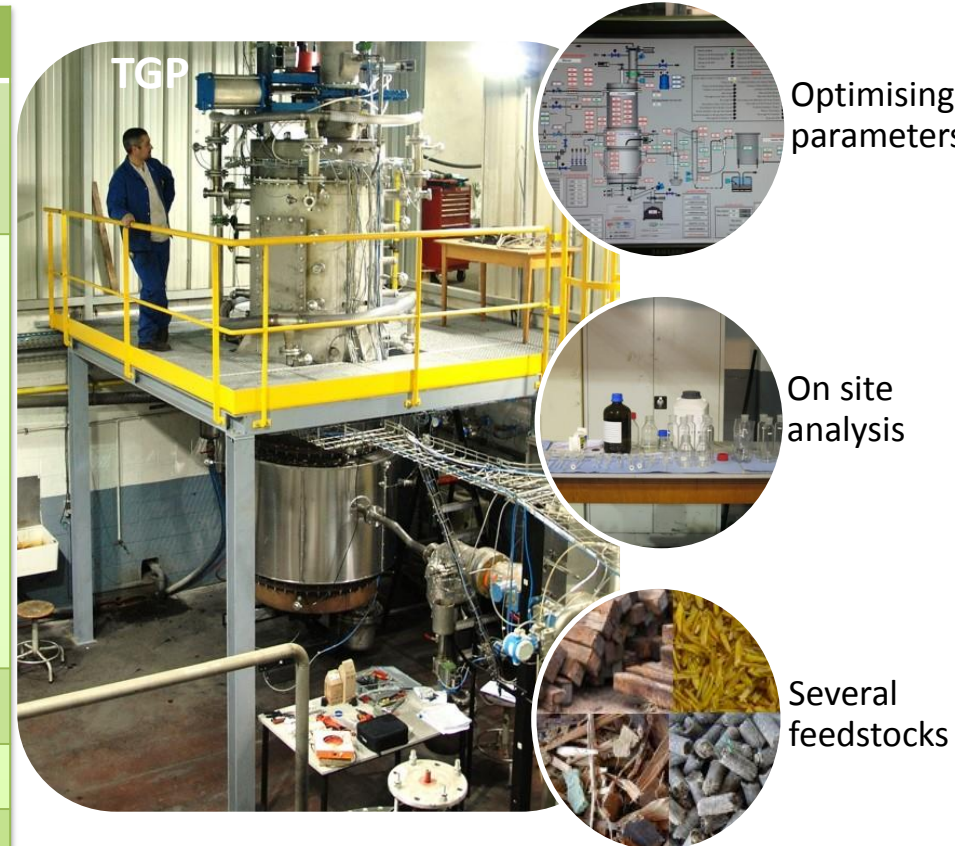
Waste to Energy

The NOTAR[®] Gasification Solution

BELGIUM – Louvain-la-Neuve

TGP (Test gasifier Pilot)- Laboratory tool - R&D Center

Project Key Data	
Location	Institute of Mechanics, Materials and Civil Engineering (IMMC), Louvain-la-Neuve, Belgium
Evaluation/R&D scope	<ul style="list-style-type: none">• Optimizing operational parameters to various types of woodchips and biomasses• Industrial benchmark for commercial purposes• Gas conditioning unit adjustment• Biomass preparation• By-product measurement
Capacity	150 kW _{th} syngas power LHV
Technology	NOTAR
Feedstock	Various
Commissioning	Start operation in 2010



BELGIUM -Mont-Godinne

First Belgian Hospital with 50% renewable energy

Project Key Data

Location	Mont-Godinne Hospital, Belgium
Owner	Special Purpose Vehicule (MGGE)
Application	Combined Heat & Power (Jenbacher J320S) for hospital energy consumption
Capacity	700kW _e + 1200kW _{th}
Technology	NOTAR v.3
Feedstock	Recycled wood (called grade B biomass in EU)
Commissioning	First semester 2017 (Under construction from 2016)

CHU
Mont-Godinne



BELGIUM -Tournai

Swimming-pool heated by wood energy

Project Key Data

Location	Tournai, Belgium
Owner	Tournai City
Application	Combined Heat & Power (MTU G12). Heat consumed by local swimming-pool
Capacity	from Nov. 2015 :200kW _e + 400kW _{th} Until Nov. 2015 :260kW _e + 475kW _{th} .
Technology	NOTAR v.2
Feedstock	Woodchips
Commissioning	17 th December 2009



FRANCE- Glass bottle plant

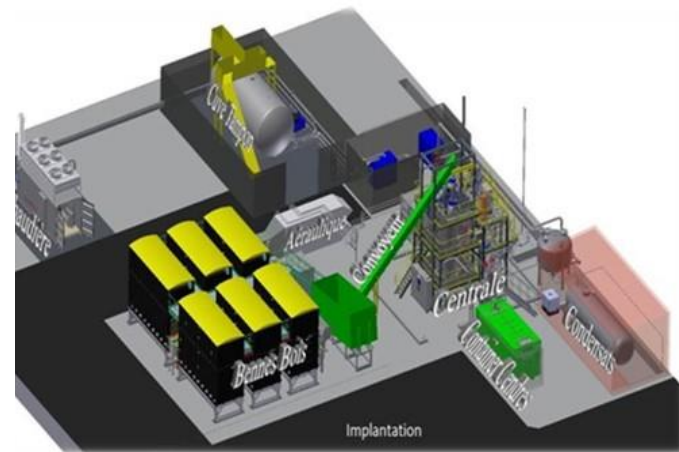
Clean syngas out of vineyards residues, feeding an industrial kiln

Project Key Data

Location	Champagne Area (France)
Owner	Glass bottles manufacturer
Application	Direct use of syngas for fossil fuel substitution in industrial process
Capacity	950 kW syngas power
Technology	NOTAR v.2
Feedstock	Woodchips from vineyards pruning branches and obsolete vine stocks
Commissioning	02th March 2015 (Plant)



Aerial photo



3D Design

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Thank You