



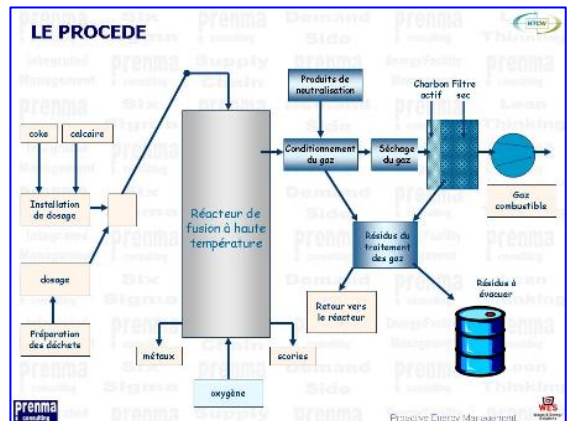
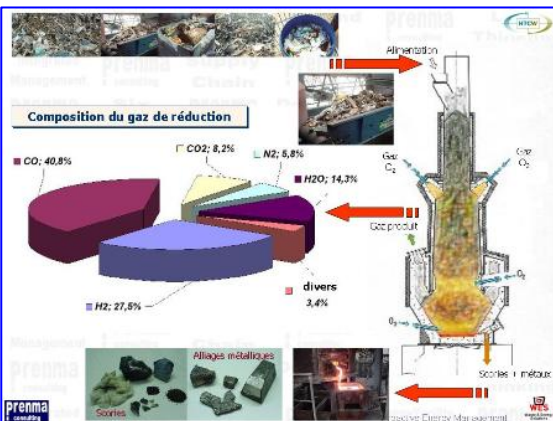
Claude Beauport's Experience

Waste-Energy Chain

The Waste-Energy Chain is obviously deeply connected to [Renewable Energy](#) (biogas) .

The Integration concept developed by Claude integrates the Waste-Energy Chain which create obviously synergies.

He participates in various projects for valuation of waste, using various technologies for gasification: biomethanisation (digester), Fluidized Bed and fixed bed gasification, as well as High Temperature Gasification Process, the documents below prepared by Claude are self explanatory.



Some related documents prepared by Claude Beauport

N.B.: *click on the icons to get access to the document through an internet connection (required)*



Biomethanisation (digestion process)
Claude Beauport



Biomethanisation (digestion process)
Claude Beauport



High Temperature Melting Gasification process
Claude Beauport



High Temperature Melting Gasification process
Claude Beauport



Gasification Process / medium size installations
Claude Beauport



Gasification Process / medium size installations
Claude Beauport



Fluidized Bed Gasification Process
Claude Beauport

Some examples of realised projects:

- Feasibility studies for Biogas projects for Energo
- Decentralised energy production using bio-wastes for BIFFA (now Valeo)
- gasification of wastes and production of power through a CHP for slaughterhouse (abattoire de Liège) and meat product manufacture (Derwa).
- Master Class Teacher for IIR in Brussels "Energy Management", including CO₂ reduction through renewable energy
- Waste Gasification project for Artland in Germany
- Gasification of cacao shells for Barry Callebaut
- Waste-Energy Chain integration bio-gas project for Carrefour.
- Use of wood chips for School building central heating in Romania
- Study for COVAVEE
- Feasibility Study of Gasification of Hazardous Wastes in Lucenec (Slovakia)
- Production of Heat and Process Steam using sawdust for a Furniture Manufacturer in Cluj-Napoca in Romania.

This document may also be viewed with all active links on internet at the address:
<http://www.prenma.eu/IM/WasteEnergyChain.htm>