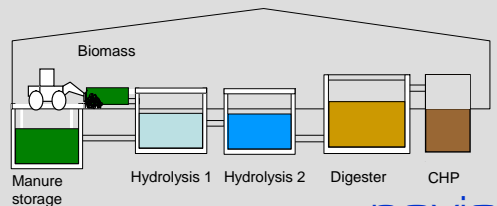
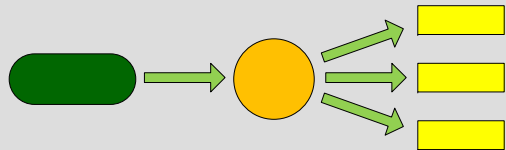


# 2-stage biomass digestion

## Advantages of this technology:

1. Simple, reliable technology, which can be adapted to locally available waste biomass
2. high biogas yield
3. superior stability of the process due to optimal conditions for the different bacteria
4. suitable for varying and mixed feedstock, i.e.:
  - banana stems
  - manure
  - agricultural waste
  - household bio waste
  - cocoa shells
  - ...



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# Biomass to Electricity with HiPo<sub>(MF/SF)\*</sub>

## Reliable, technically perfected, flexible

- cost efficient
- proven technology
- applicable worldwide
- close customer relationship
- customized and standard plants available

Three sizes available:

- HiPo<sub>S</sub> (MF/SF): 30 - 60 kW<sub>el</sub>
- HiPo<sub>M</sub> (MF/SF): 100 - 900 kW<sub>el</sub>
- HiPo<sub>XL</sub> (MF/SF): 1 - 50 MW<sub>el</sub>

HiPo<sub>S</sub>



HiPo<sub>M</sub>



HiPo<sub>XL</sub>



\* MF = Multi Feedstock, SF = Single Feedstock

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# Special applications

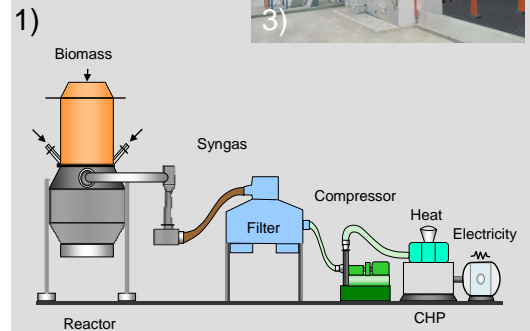
Biomass can have very different shapes and properties. To assure maximum efficiency each material needs a different treatment.

We offer special solutions for special applications:

**Pyrolysis**  
of dry materials (1)

**Water treatment**  
combined with biogas utilization (2)

**Combustion**  
of Municipal Solid Waste (3)



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