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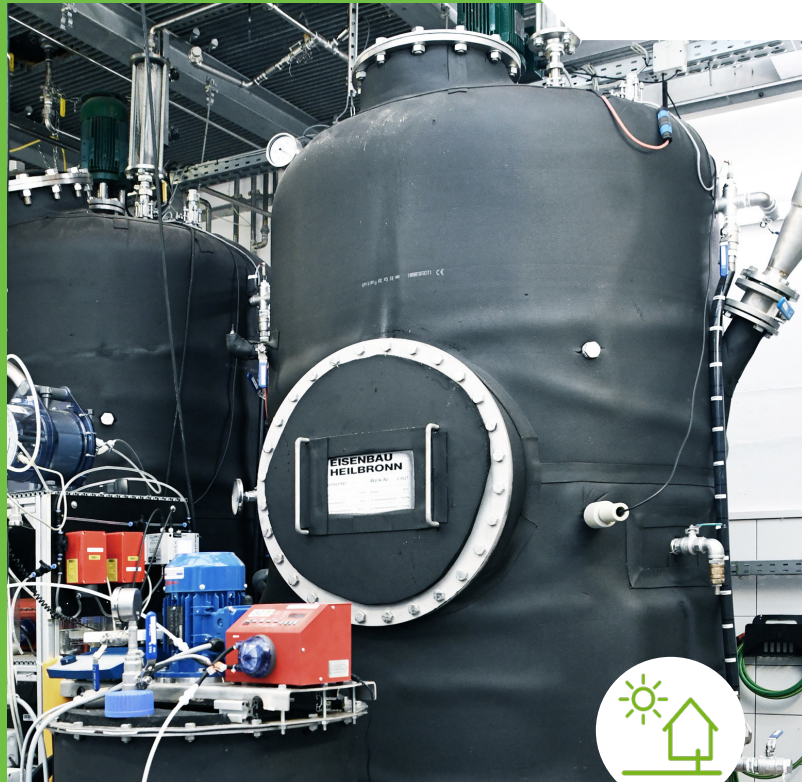
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Biogas technology

Research and development
Engineering consulting services



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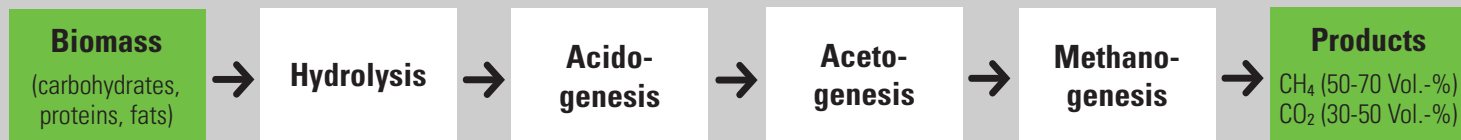




Cascade laboratory/methanisation plant

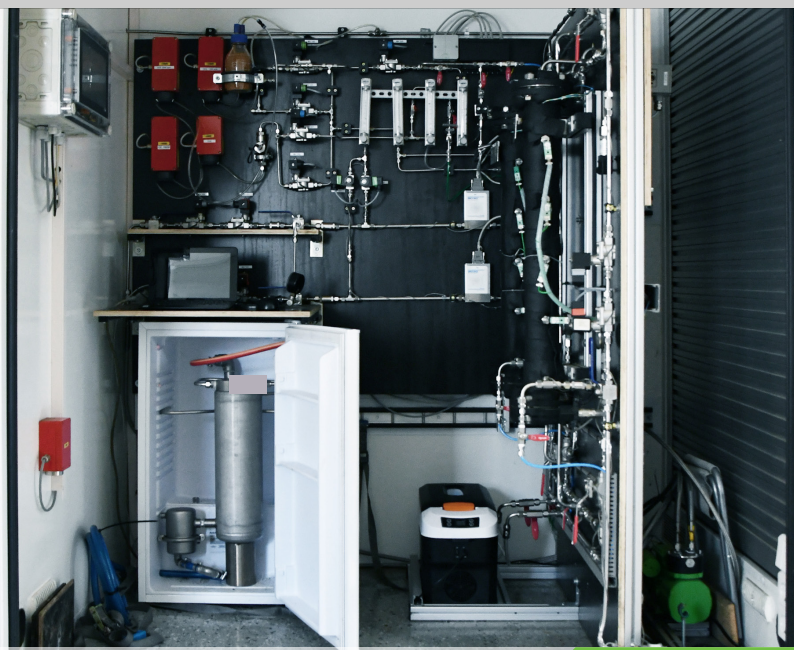
Biogas production and research priorities

- Conversion of industrial residues to biogas and biohydrogen
- Biogenic H_2 -production using multi-stage fermentation processes
- Biological methanation
- Removal of trace substances from liquid and gas phases
- CO_2 -storage in rock and utilisation
- Evaluation of different substrates in terms of biogas quality and quantity



Equipment and service

- Bubble columns and stirred tank reactors
- Fixed bed adsorption test stand - stationary and mobile
- Extensive analytics (chromatography, titration, TOC+TN_b, luminometry, gravimetry, spectroscopy)
- Upscaling from laboratory to pilot scale
- Photoreactor



Mobile test stand