

Our technology for a sustainable future.

CO<sup>2</sup> neutral

**GREEN ELECTRICITY**  
Self-consumption  
Grid feed-in

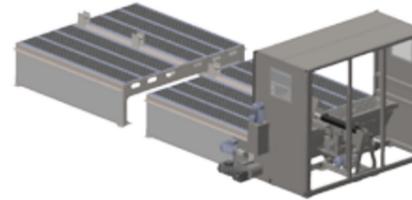
## Complete solution Synthesis gas production from a single source.

Every project has its own unique framework conditions.

In challenging times, it is all the more important to join forces and think ahead. Our team supports you with many years of experience.



Fuel



Fuel dry



Synthesis gas



Residual fractions from sawmills and forestry

**cd2.Series – Wood chip drying**  
(Hydraulic walking floor)

**wp.Series – MODULE GV**  
(Fixed-bed downdraft gasifier)

**wp.Series – MODULE CHP**  
(Combined heat and power unit)

Utilization of high-calorific plastic waste

**ecoloop**  
[www.ecoloop.eu](http://www.ecoloop.eu)



Heat utilization via self-consumption, process heat, district heating

### TECHNOLOGICAL ADVANTAGES

Use of waste heat

Fine fraction separation

Oversize screening and shredder

Modular system for optimal drying performance, project-specific conveying technology

Automatic discharge of disruptive materials for continuous operating times

No condensates or residues except biochar, with disposal solutions

Optimally designed service access points, lifting devices for maintenance are directly integrated

Very high electrical efficiency

Prepared for SCR and oxidation catalysts

A central PLC controls all system components, remote control & remote maintenance



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