

BIOSEP[®]

UNIQUE PRE-TREATMENT TECHNOLOGY

We turn organic waste into green energy



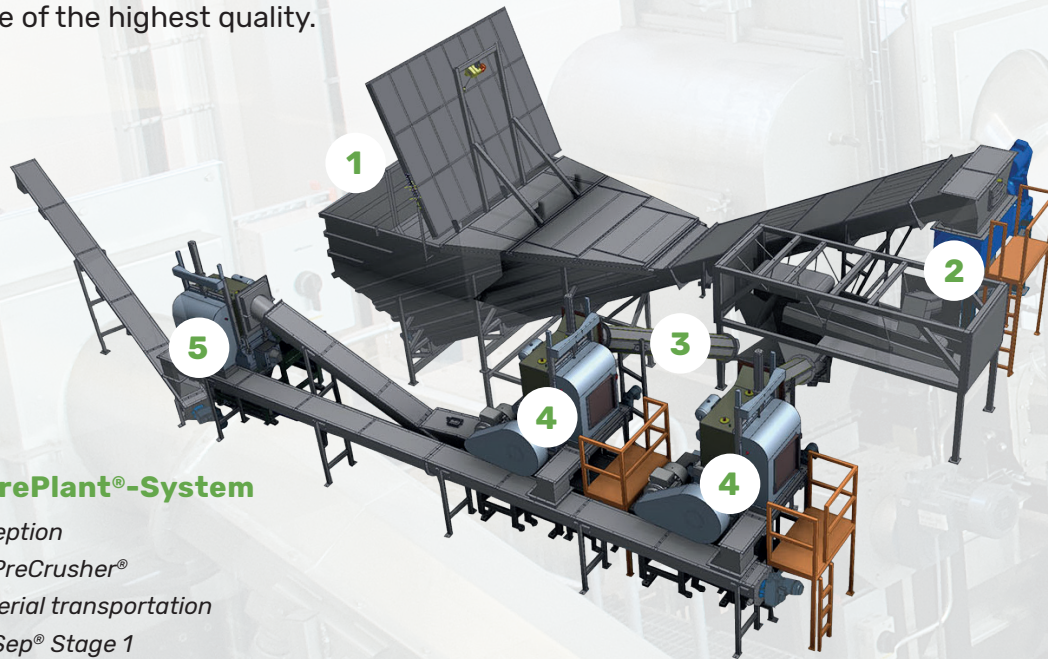
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BIOSEP® TECHNOLOGY IS A KEY TO SUCCESS

Food waste is dumped unexploited worldwide causing huge negative impact on our environment.

If biologically treated, food waste is green energy, but pre-treatment is a “bottle neck”.

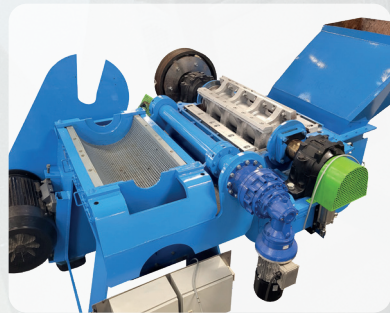
The end product from a BioPrePlant®-System is a biosubstrate that is suitable for anaerobic digestion. In the development of the BioSep® no resources were spared, to ensure optimal separation, which means that we can guarantee that the biosubstrate will be of the highest quality.



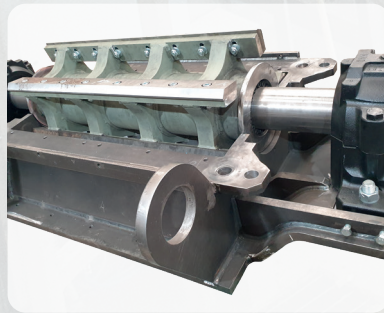
BioPrePlant®-System

1. Reception
2. BioPreCrusher®
3. Material transportation
4. BioSep® Stage 1
5. BioSep® Stage 2

All BioPrePlant®-Systems are delivered with a customized automation and control system. We offer our clients a process plant that to a great extent is operated automatically, with a minimum of operator interventions needed.



Easy service and maintenance.



Heavy duty rotor.



Unique patented technology.

10 TECHNICAL HIGHLIGHTS

- best separator technology on the market for a biogas pre-treatment plant
- very easy service and maintenance
- unique patented technology
- minimum 20 years working time with regular service/service contract
- slow rotation
- sedimentation technology
- high quality on the substrate - normally 15 - 17 in dryness
- up to 9 tons per hour
- compatible to all types of pre-treatment systems
- simple integration into existing process lines

10 ENVIRONMENTAL HIGHLIGHTS

- multiwaste separator
- up to 97% of plastic takes out - best on the market
- clean plastic for recycling
- process water for cleaning can be used
- more or less no loss of organic material
- dry reject
- substrate of high quality
- low footprint
- low electrical consumption
- "one stop shopping"



TOGETHER WE ARE STRONGER AND MAKE BETTER SOLUTIONS THAN ALONE!

10 NORSK BIOGASS HIGHLIGHTS

- **high knowledge on separation and bio pre-treatment technology**
- **more than 25 years of experience in production of BioSep®**
- **proven and standardized technology**
- **international sales organisation and agents**
- **service and maintenance organisation**
- **spare parts on stock - short delivery time**
- **huge range of different machinery and complete pre-treatment plant**
- **sediment tank technology**
- **innovative organisation**
- **sale, leasing, rent - we are flexible**



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