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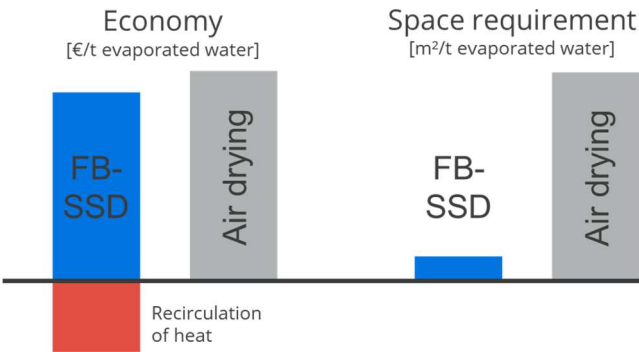
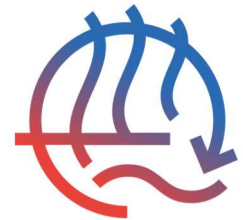
# Steam-Drying sludge

Fluidized Bed - Superheated Steam Drying (FB-SSD)



(energy)  
**Conservation**

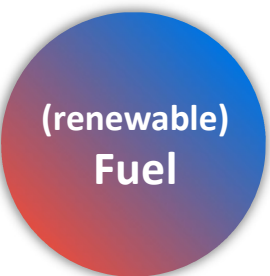
- 100% thermal recovery
- Steam (4 bar) for any process
- Zero Liquid discharge



- Less disposal costs
- Less energy cost
- No exhaust air
- Low area use

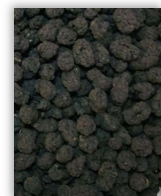


(cost)  
**Reduction**



(renewable)  
**Fuel**

- Fuel production (renewable combustible)
- High calorific value due to full-drying
- Flexibility through partial-drying



Dried fuel



- Reduction in CO<sub>2</sub> emissions
- Reduction in transportation
- Utilization instead of disposal



**Environment**



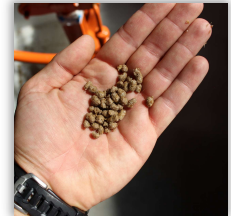
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# Steam-Drying Market

Drying (waste) biomass with superheated steam

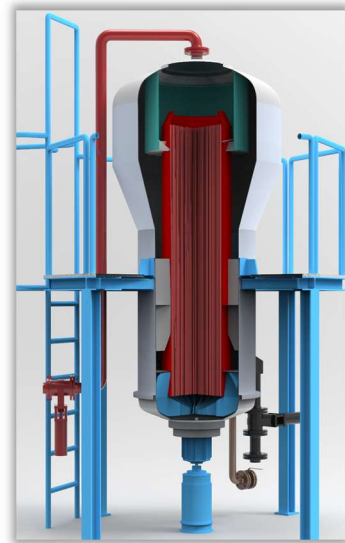


- Wastewater treatment plants
- Disposal industry
- Cement industry
- Fodder industry
- Food industry
- Wood processing
- Chemical industry



Dried biomass

- Sewage Sludge
- Food & Feed
- Pasty Fluid
- Biomass



Fluidized Bed – Superheated Steam Dryer



- Incinerators
- Cement industry
- Fertiliser manufacturer
- Public utilities

- High potential steam generation out of waste
- Multiple utilization of energy source
- Most effective and sustainable drying technology

