

Catalytic Hydrothermal Gasification

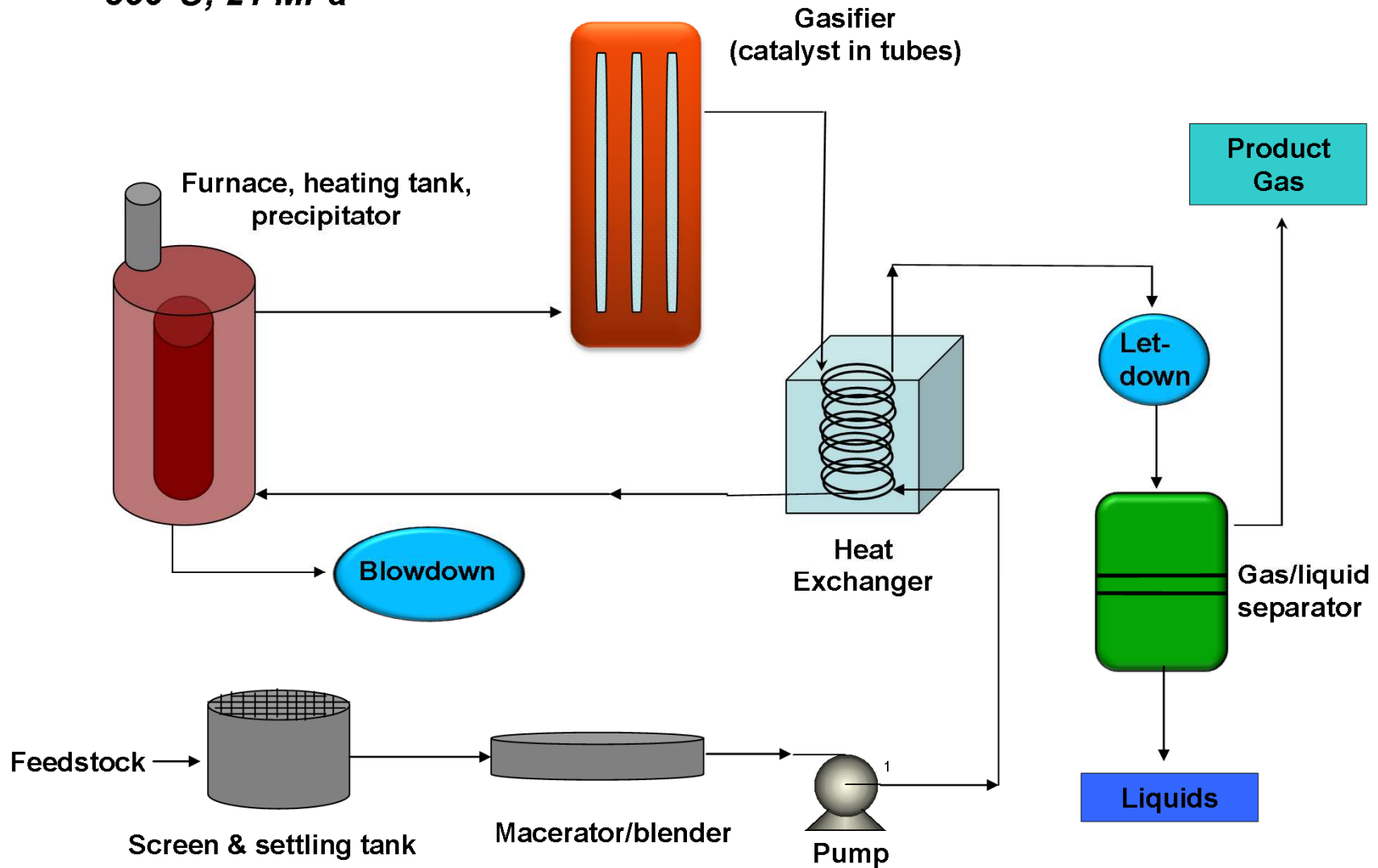
Equipment and Feedstock Photos

Process Diagram

Simplified Process Diagram

Genifuel Gasifier Block Diagram

350°C; 21 MPa



Equipment Photos

Bench-Scale Gasifier to Test Feedstocks



Technology Demonstration Unit



Trailer-Mounted Gasifier Interior



Skid-Mounted Gasifier Unit



Feedstock Photos

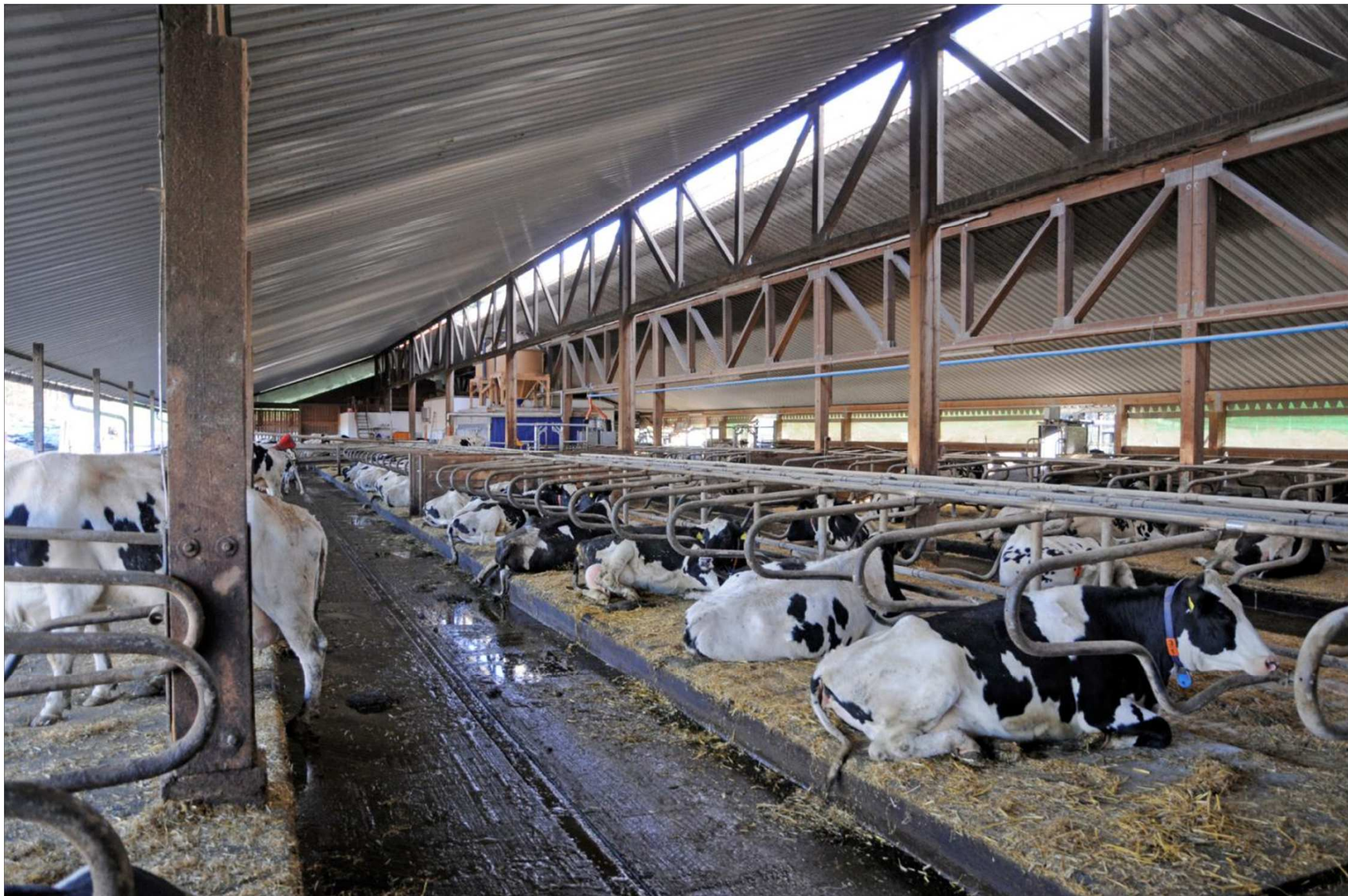
Beer Fermentation Bottoms Are An Excellent Feedstock



Fermentation Bottoms from Corn Ethanol Production Gasify Very Well



Dairy Waste Can Be Efficiently Gasified



Gasification Converts Wastewater Solids to Methane More Efficiently than Digesters



***Ulva* (marine genus)—Can be Harvested in Large Quantities to Use as Feedstock**



***Water Hyacinths* —A Major Nuisance Can Be Harvested to Use as Feedstock**



What A 10% Biomass Slurry Looks Like

