

BIOMASS CONVERSION TECHNOLOGIES

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graph TD; A[BIOMASS CONVERSION TECHNOLOGIES] --> B[BIOCHEMICAL]; A --> C[THERMOCHEMICAL]; B --> D["BIOMETHANIZATION<br/>(ANEOROBIC DIGESTION)"]; B --> E[FERMENTATION]; D --> F["BIOGAS<br/>(CH4, CO2)"]; E --> G[BIOETHANOL]; C --> H[GASIFICATION]; C --> I[PYROLYSIS]; C --> J[ESTERIFICATION]; C --> K[INCINERATION]; H --> L["SYNGAS<br/>(CO, H2)"]; I --> L; J --> M[BIODIESEL]; K --> N["FLUE GAS<br/>(CO2, H2)"];
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BIOCHEMICAL

BIOMETHANIZATION
(ANEOROBIC
DIGESTION)

BIOGAS
(CH₄, CO₂)

FERMENTATION

BIOETHANOL

THERMOCHEMICAL

GASIFICATION

SYNGAS
(CO, H₂)

PYROLYSIS

SYNGAS
(CO, H₂)

ESTERIFICATION

BIODIESEL

INCINERATION

FLUE GAS
(CO₂, H₂)