

ICC - contribution to UN SDGs
3. October 2016, Kursaal Berne
Jürgen Angleitner

BNL Clean Energy Plants



1 NO
POVERTY



2 ZERO
HUNGER



3 GOOD HEALTH
AND WELL-BEING



4 QUALITY
EDUCATION



5 GENDER
EQUALITY



6 CLEAN WATER
AND SANITATION



7 AFFORDABLE AND
CLEAN ENERGY



8 DECENT WORK AND
ECONOMIC GROWTH



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



10 REDUCED
INEQUALITIES



11 SUSTAINABLE CITIES
AND COMMUNITIES



THE GLOBAL GOALS

For Sustainable Development

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



13 CLIMATE
ACTION



14 LIFE BELOW
WATER



15 LIFE
ON LAND



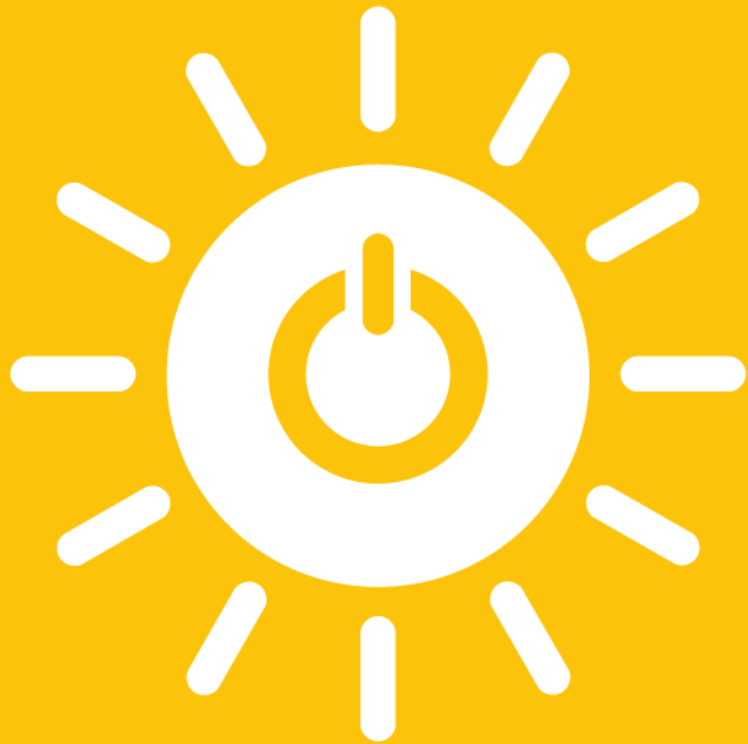
16 PEACE AND JUSTICE
STRONG INSTITUTIONS



17 PARTNERSHIPS
FOR THE GOALS



7 AFFORDABLE AND CLEAN ENERGY



Targets under the **UN Sustainable Development Goal 7**

- 7.1: By 2030, ensure **universal access** to affordable, reliable and modern energy services
- 7.2: By 2030, increase substantially the share of **renewable energy** in the global energy mix
- 7.3 By 2030, double the global rate of improvement in **energy efficiency**

Multiple Feedstock

Zero Emission

Flexible Clean Energy

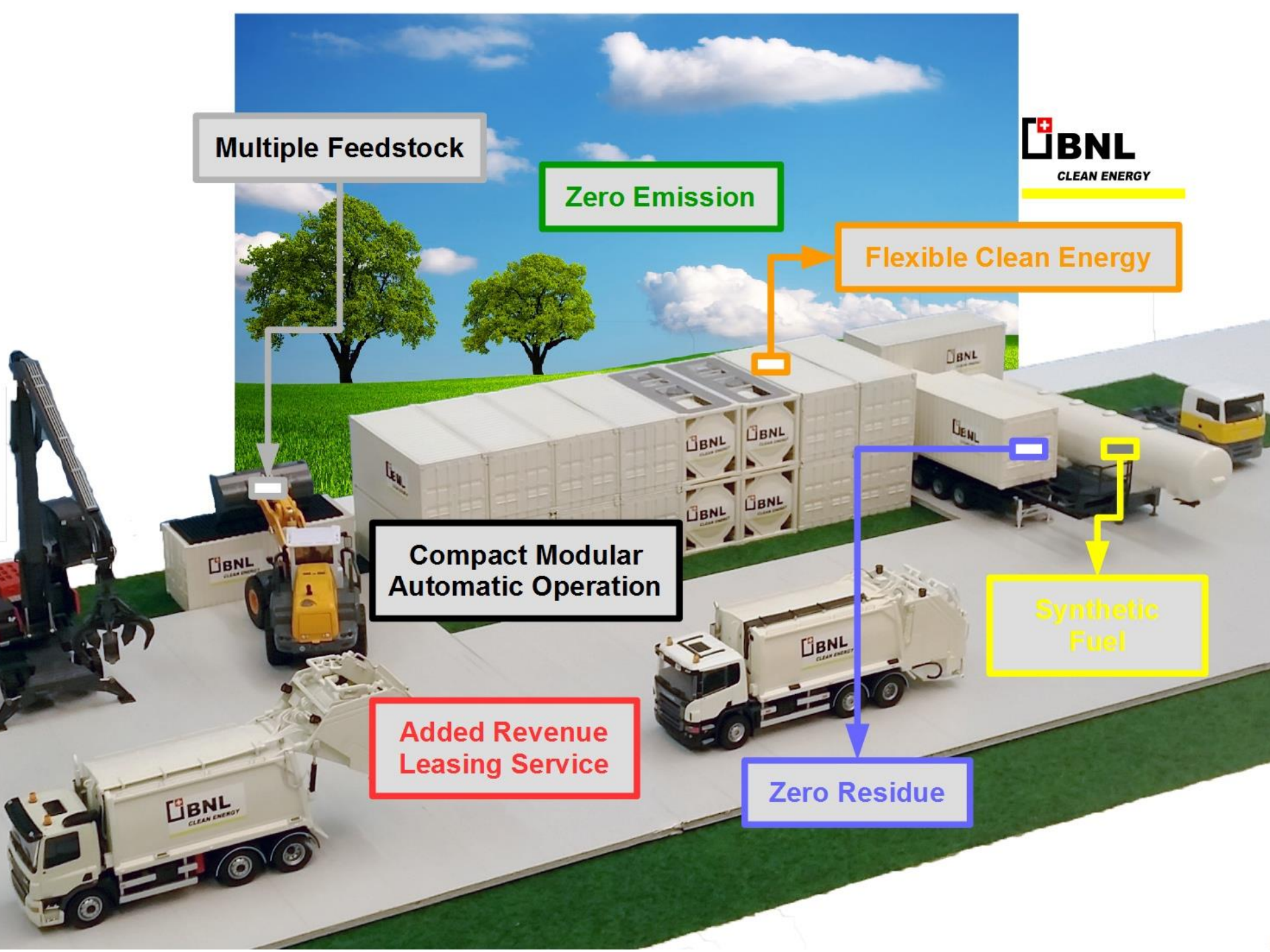


**Compact Modular
Automatic Operation**

**Added Revenue
Leasing Service**

Zero Residue

**Synthetic
Fuel**



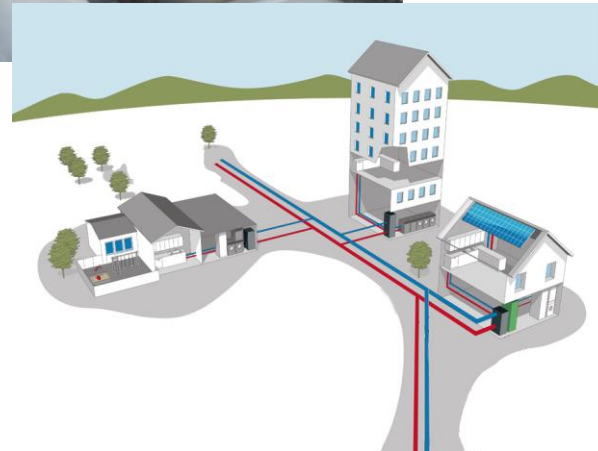
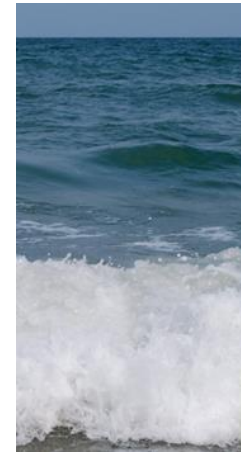
Multiple Feedstock

All combustible substances such as biomass, residues, oil sludge, waste and mixtures thereof



Flexible Clean Energy

Electric Power, Hot Air, Process Steam, District Heating and Cooling and Seawater Desalination



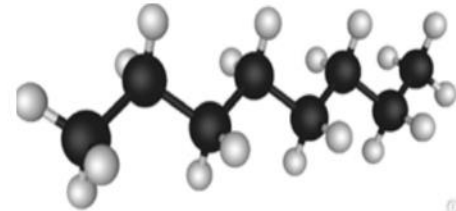
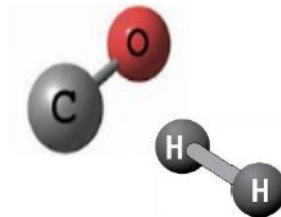
Synthetic Fuel



Synthetic hydrocarbons, eg. synthetic diesel, kerosene, wax and stearin

Additional Revenue

Deconstructing and Reconstructing



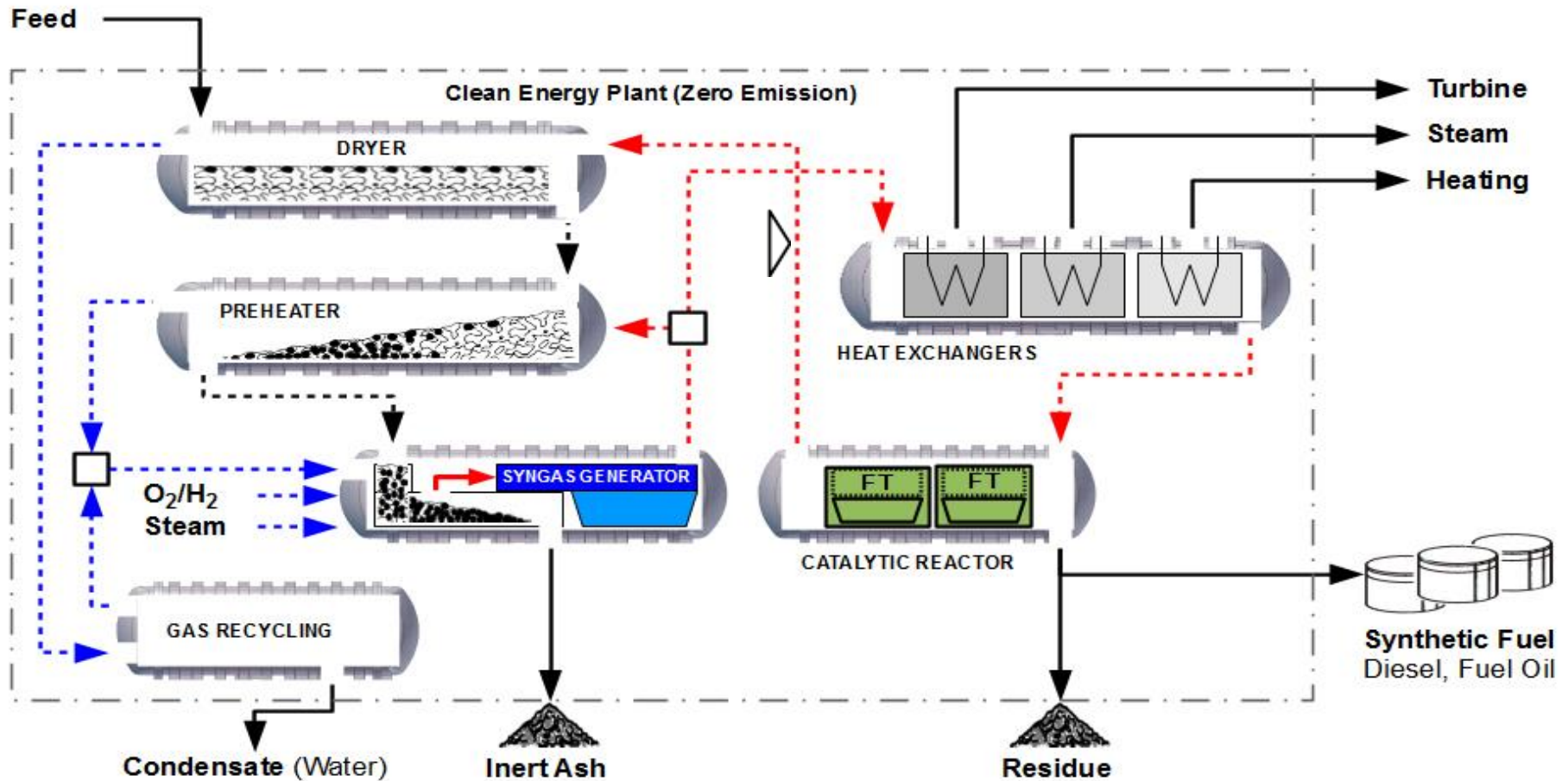
Waste
allowed

biomass

syngas

Hydrocarbons
(and energy)

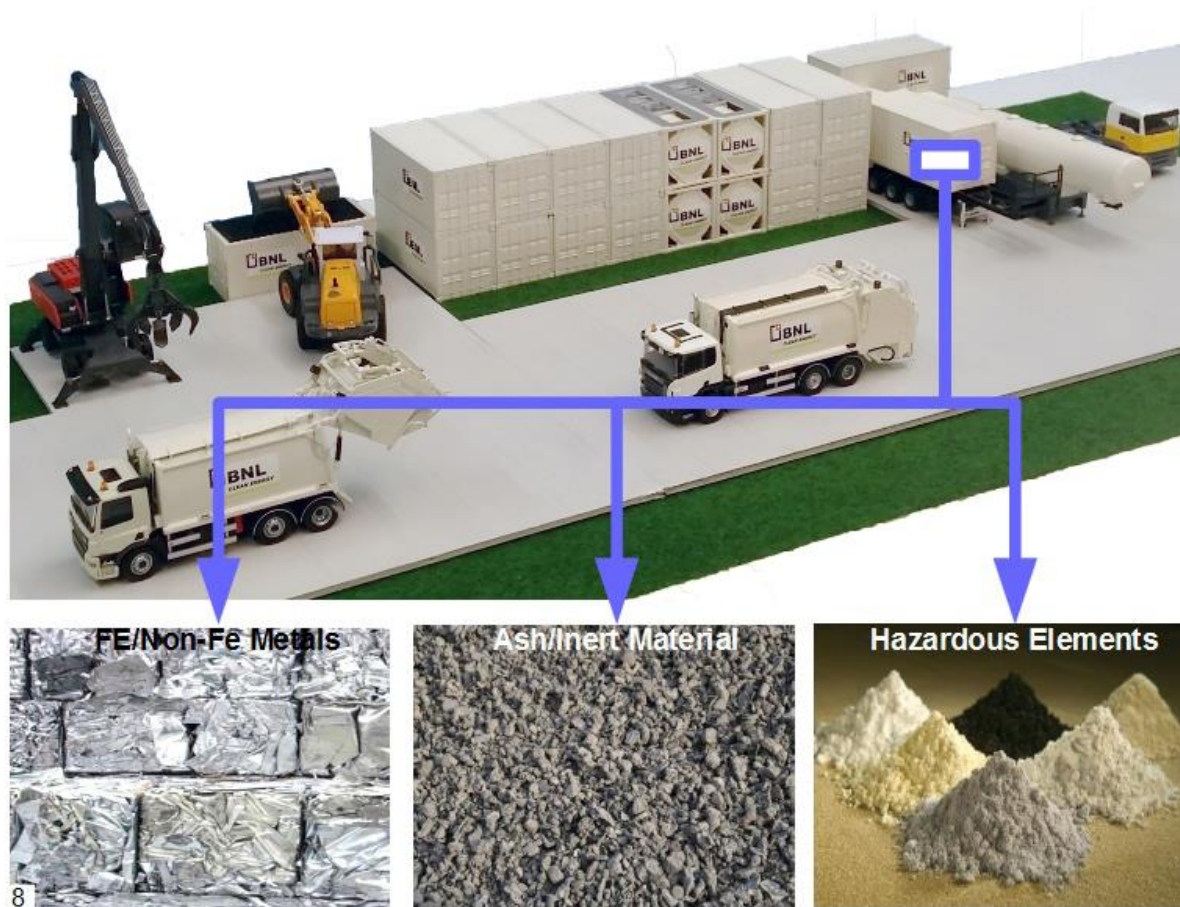
Automatic Operation



Zero Residue

Full Resource Recovery through Urban Mining

phosphor, sulphur, nitrates, heavy metals and rare earth elements





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