



Dev Energy

Innovative Solutions for
**CIRCULATING FLUIDISED BED
COAL GASIFICATION**

2014

India's 1st Dog House type
Flue Extraction system
for Induction Furnace

2000

Inception of DEV ENERGY

2013

100th Project

2004

India's 1st Double
Stage Clean Gas System
for Tiles Plant

2012

India's 1st Double
Stage Clean Gas System
for Refractory Tunnel Kiln

2006

India's 1st Double Stage
Hot Gas System for
Steel Reheating Furnace



2011

India's 1st Double
Stage Clean Gas
System for Grate Kiln
Pellet Plant



WHY CHOOSE US

200+

Successful
Projects

30+

Core Technical
Team

100+

Technical
Offerings

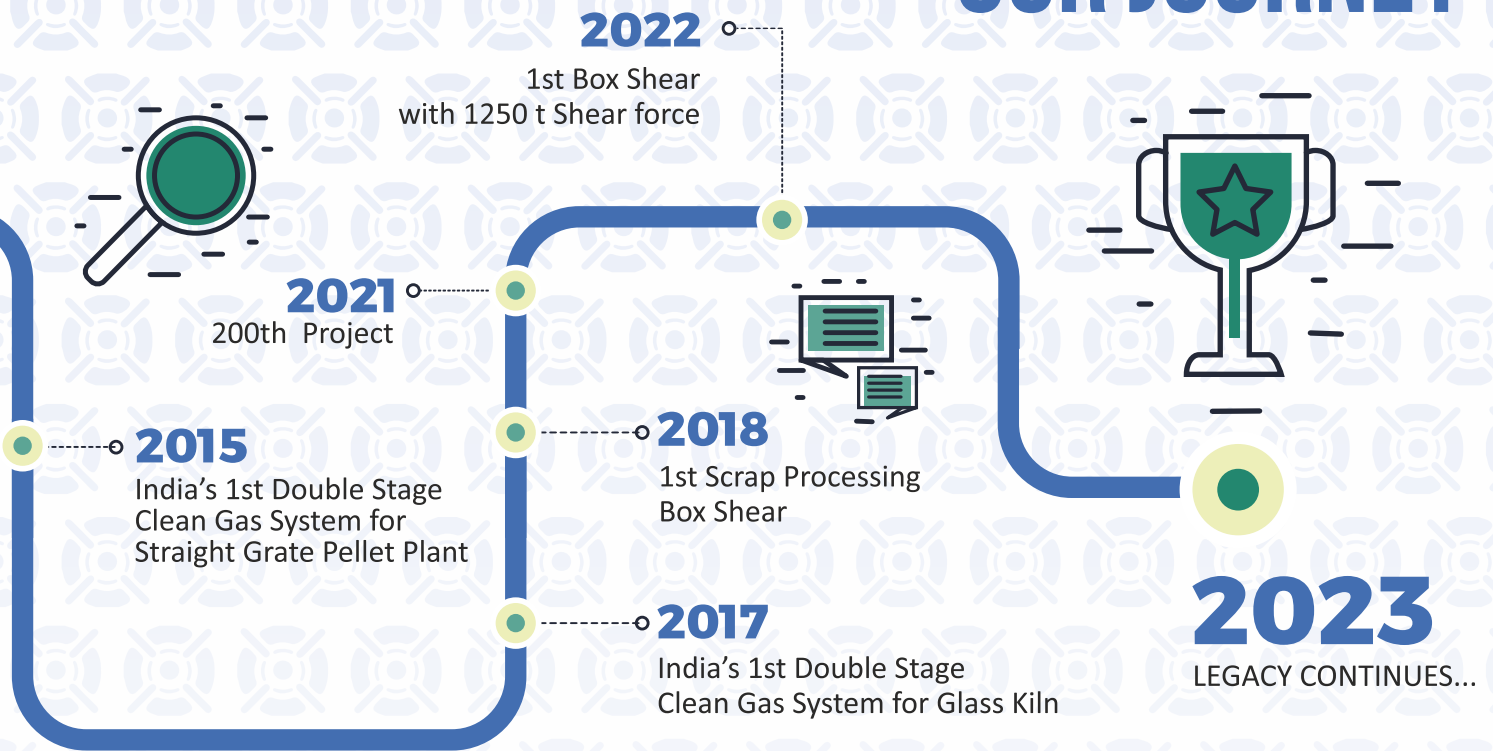
1000000+ Sq. ft

Industrial Facility



Sh. Devender Kumar our CMD is a dynamic and experienced business professional, with experience of over 40 years in various industries. His vision of providing reliable and efficient solution to the industry, drives us to continuously innovate and excel.

OUR JOURNEY



OUR PARTNER IN SUCCESS



PILLARS OF OUR SUCCESS

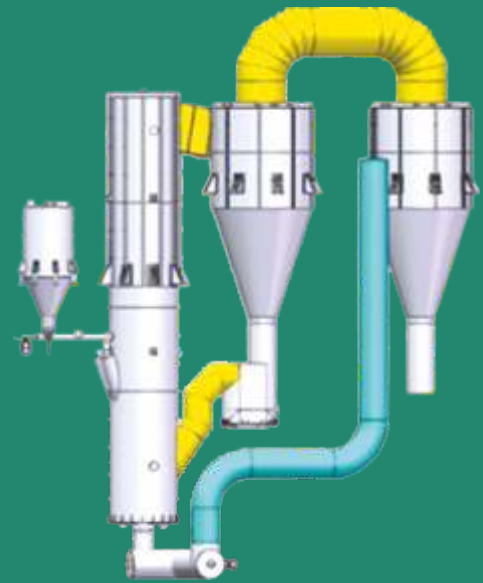




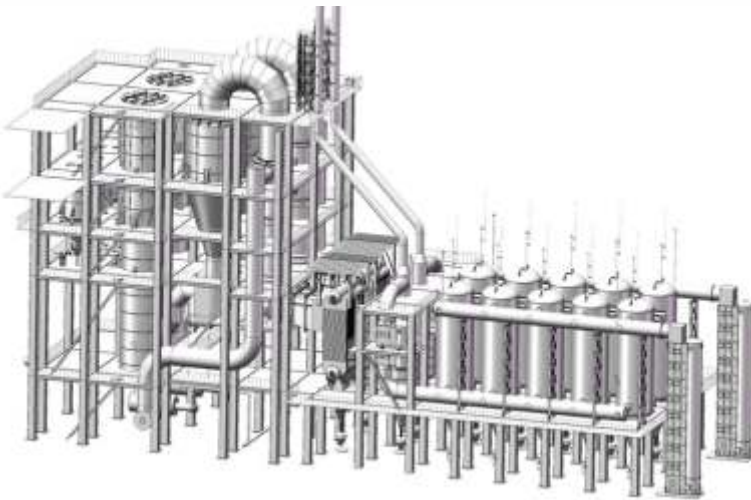
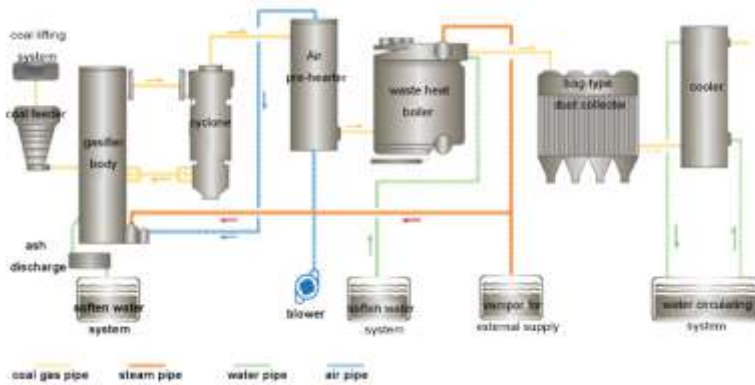
NORMAL PRESSURE CIRCULATING FLUIDISED BED

AIR FED – FUEL GAS

- Gas CV ~ 1350 Kcal/Nm³
- Continuous operation up to 21 months
- 98 % Carbon Conversion
- Quick Start / Stop
- No Tar - No Phenolic Water Generation



- Use 0 – 10 mm Coal Fines
- Use up to 30 % Ash Coal
- Output of 80,000 Nm³/ hr per gasifier
- Turn down ratio upto 30 %



Superior
Safety
Standards

High
Reliability

Full
Automation

USAGE

Alumina

Ceramics

Iron Ore
Pellet



QIAN 'AN JIUJIANG GAS

8 x 60,000 Nm³/hr



NINGXIA HUAYING MINING

8 x 28,500 Nm³/hr



GUANGXI HUAYIN ALUMINUM

5 x 70,000 Nm³/hr



JANGXI GAOAN GAS

7 x 31,000 Nm³/hr



HUAYU ALUMINA

2 x 40,000 Nm³/hr

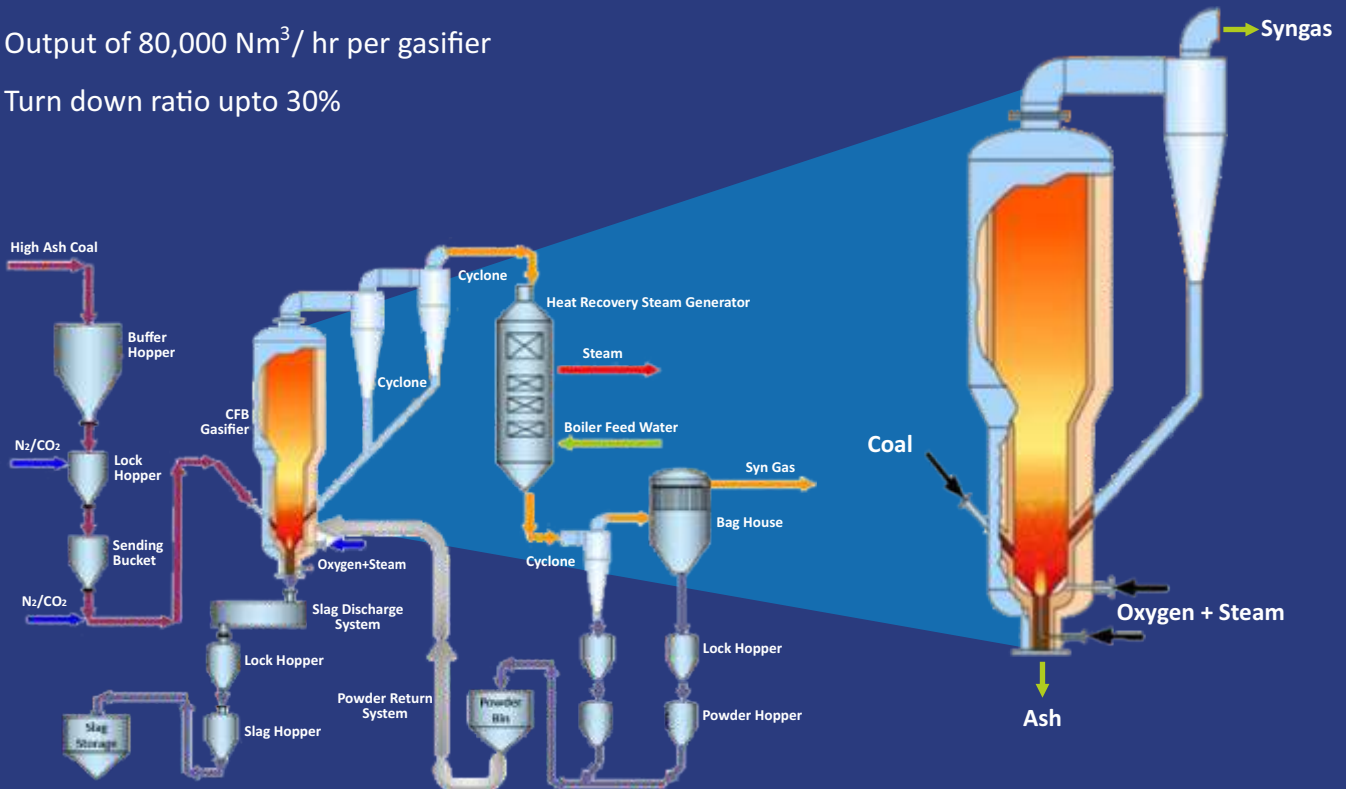




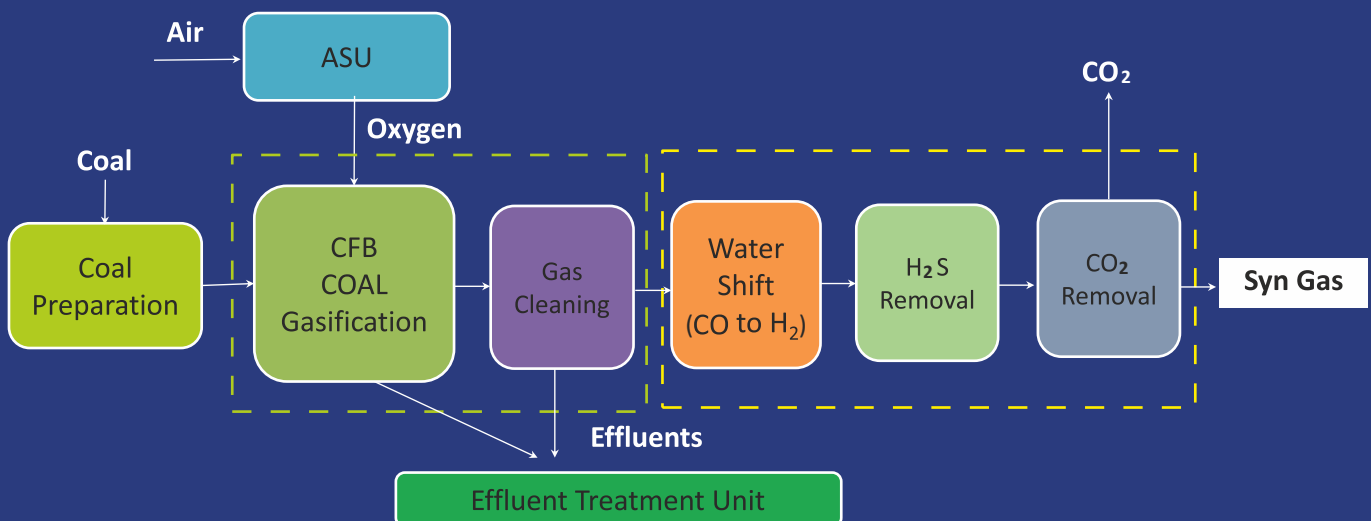
HIGH PRESSURE CIRCULATING FLUIDISED BED

OXYGEN FED – SYN GAS

- Use 0 – 10 mm Coal Fines, Dry Feed
- Use up to 30 % Ash Coal
- Output of 80,000 Nm³/ hr per gasifier
- Turn down ratio upto 30%



- Returns fines to bed for high carbon conversion
- Operating Pressure ~ 15 Bar
- Waste Heat Boiler – High Energy Efficiency
- No Tar - No Phenolic Water Generation



SHANDONG ALUMINA

2 x 40,000 Nm³/hr



RUNYIN AMMONIA

4 x 80,000 Nm³/hr



SHANXI GAS

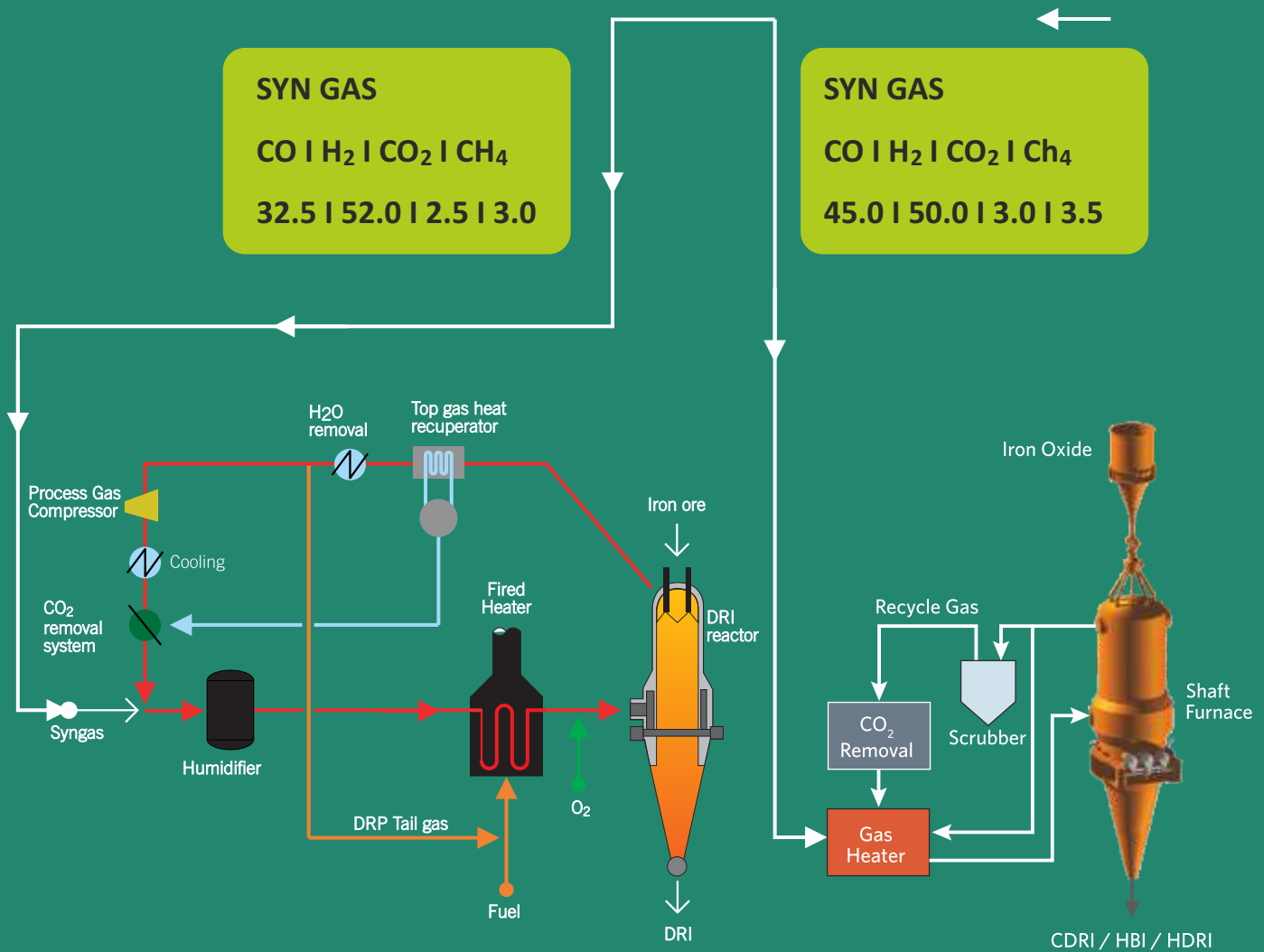
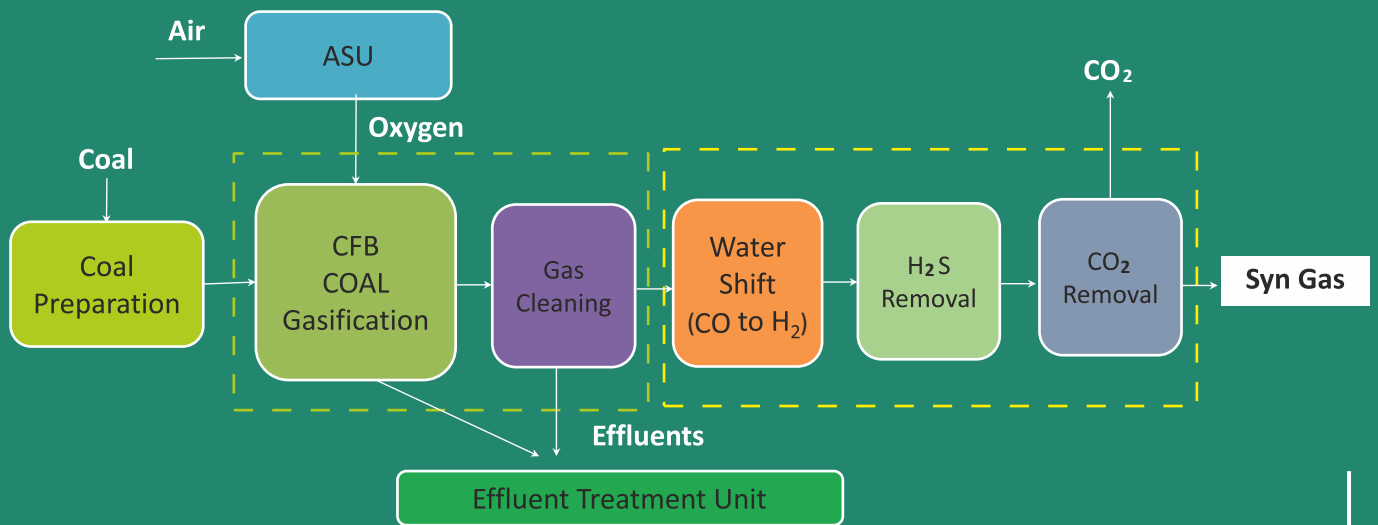
2 x 26,000 Nm³/hr



HENAN GAS

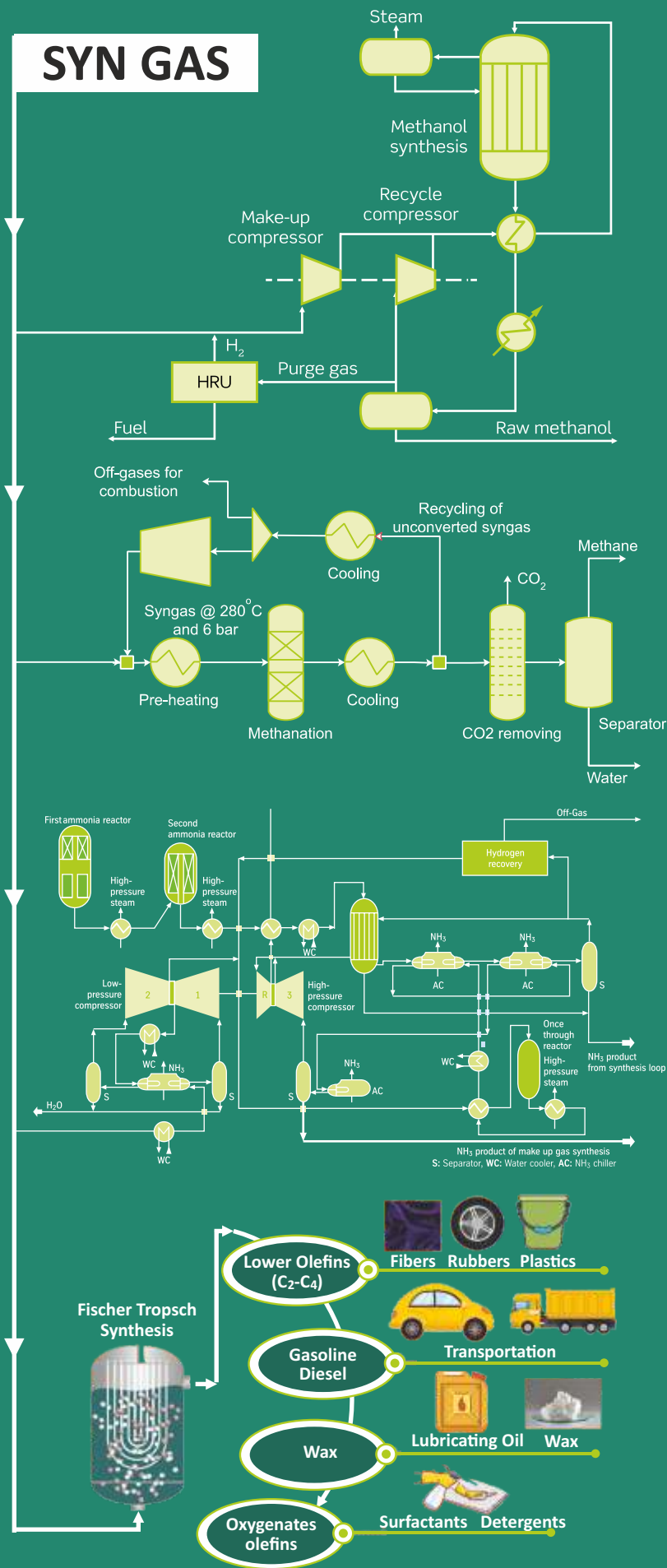
3 x 40,000 Nm³/hr





*All above diagrams are indicative only and sourced from information in public domain

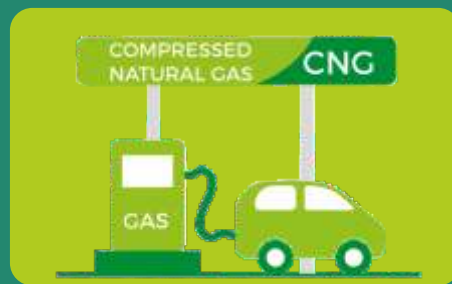
For CHEMICALS



METHANOL/DME



SYN NATURAL GAS



FERTILIZERS



PETROLEUM PRODUCTS



**ENGINEERED
CARBON**



**FUMES
MANGEMENT**



**SCRAP
PROCESSING**



GASIFICATION



OUR VALUED CUSTOMERS





“

We have set a target to gasify around 100 million ton coal by year 2030.

Coal gas will be used in transport & cooking while urea and steel from gasification will promote manufacturing.

Latest technology can be introduced to make gas from coal and the environment will be protected with coal gasification.

— **SHRI NARENDER MODI**

Hon. Prime Minister of India

”

DEV TECHNOFAB LIMITED

📍 901, Gopal Heights, Netaji Subhash Place
Pitampura, New Delhi 110034. INDIA

☎ + 91 11 4750 88 00 🖨 + 91 11 4750 88 20

✉ info@devenergy.co.in 🌐 www.devenergy.co.in



FOLLOW US

