

# SASOL LIMITED INVESTOR SITE VISIT | SECUNDA SITE TOUR

Secunda and Mining Operations



Progressing a sustainable  
Future Sasol

## Orientation

- Secunda in numbers
- Factory Layout
- Process overview
- Phases of production








## Secunda site tour

Gerrit Viljoen




# Secunda Operations: The world's largest synthetic fuels and chemicals plant





## ON A TYPICAL DAY SO USES:

-  **100 000 tons coal**
-  **245 000 cubic meter of raw water**
-  **120 million cubic meter air to produce 40 000 tons of pure oxygen**
-  **700 MW electricity from the National grid**
-  **4,5 million cubic meter natural gas**

## TO GENERATE:

-  **110 million cubic meter of synthesis gas**
-  **180 000 tons of steam at the boilers**
-  **520 MW electricity from steam and gas turbines**

## TO PRODUCE:

-  **~160 000 barrels equivalent in fuels and chemicals (~7,5 million ton/year)**
-  **~40% chemicals; ~60% fuels (including diesel, petrol, jet fuel, LPG)**



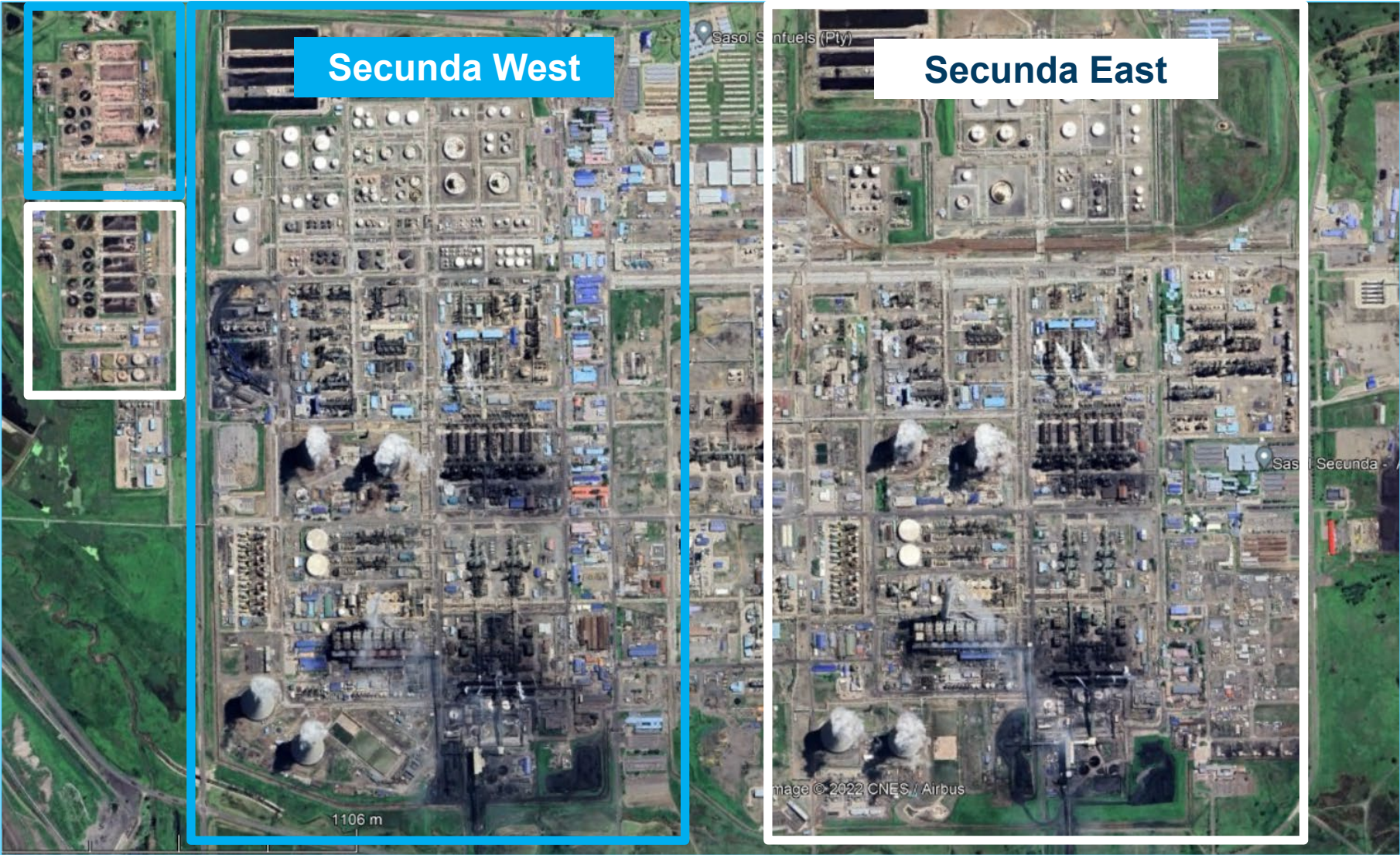


# Secunda Operations – Factory layout

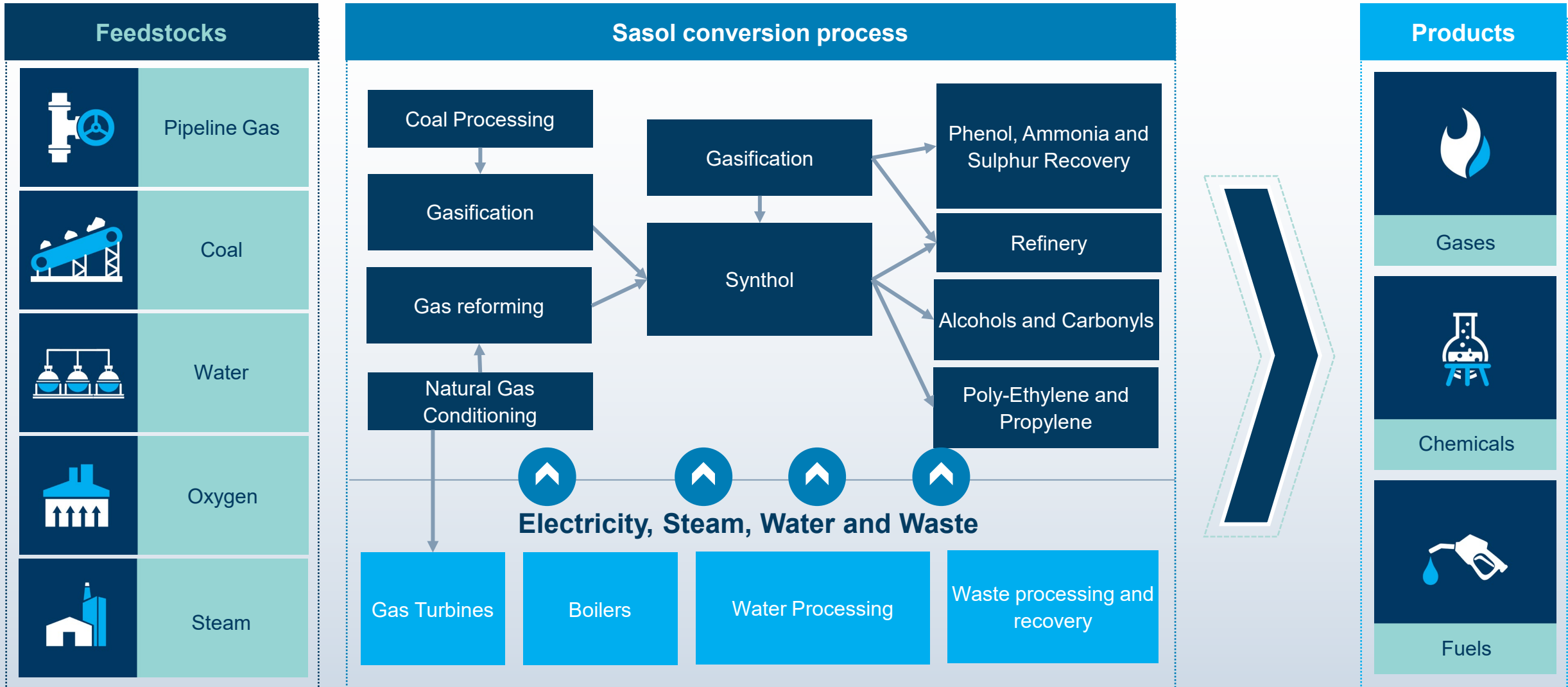




# Secunda Operations – 1 integrated complex of 2 “factories”, each with 2 “phases”



# Sasol Secunda Operations – process overview





**SASOL**