

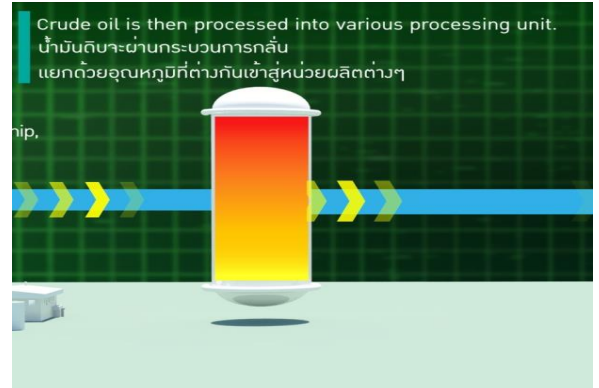
REFINERY

Refinery Business

REFINERY

Oil Refining Process

Bangchak Refinery is a modern complex refinery with a daily capacity of 120,000 barrels per day, able to produce high value gasohol and biodiesel.



1. The refinery receives crude oil via tankers, trucks, or trains and stored in tank farms.

2. Crude oil is processed in 4 stages namely:

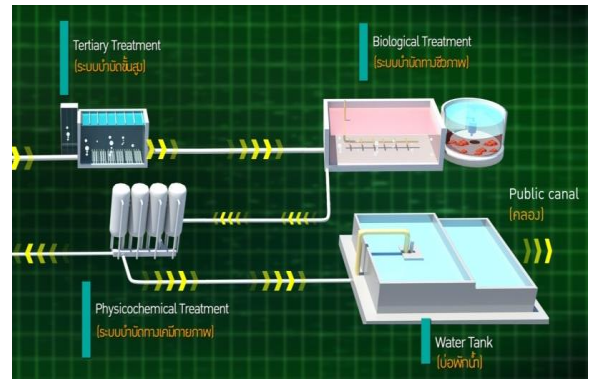
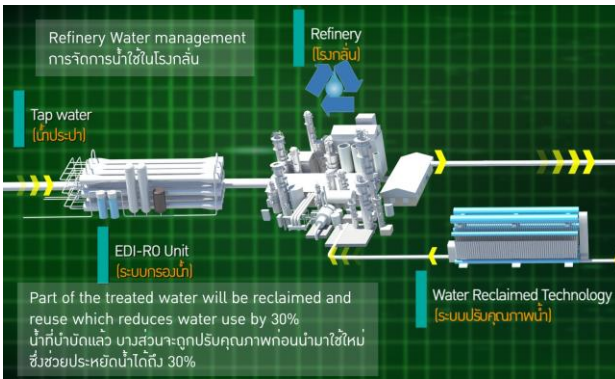
1. Fractionation
2. Treating
3. Conversion
4. Blending



3. Various products can be produced via the refining process such as fuel gas, LPG, gasoline, jet fuel, diesel, and fuel oil.

REFINERY

Water Management



1. Water is treated and reused in the refinery.

2. Used water from the refinery undergoes tertiary treatment before undergoing Physicochemical treatment before being divided into two parts namely:

1. Excessed treated water enters the water tank before being discharged.
2. Treated water undergoes further treatment using water reclamation technology.



3. Water reclamation technology is able to reduce the refinery's water footprint by up to 30%.

SAFETY

Safety Management

The refinery uses sophisticated safety standards throughout its manufacturing process.

Processed Safety Management measures that is internationally recognized.

The refinery employs knowledgeable and talented professionals.



Bangchak is committed to its responsibility to uphold safety, health, environmental, and energy excellence for society and the community.



Our engineers design state of the art technology.



We ensure readiness in addressing emergencies to ensure mutual co-existence with the refinery communities.