

International Conference on Carbon Recycling 2021

“Progress of Fuels and Chemicals utilizing CO₂ by Carbon Recycling”

4 Oct. 2021

IDEMITSU Kosan Co.,Ltd.

IDEMITSU Profile



Net Sales

¥4.6 trillion



Employees

14,000 people

Petroleum



Crude oil processing capacity

945,000 barrels/day



Fuel oil sales volume in Japan*

35 million kL/year



Number of service stations in Japan

6,300 locations



Number of oil tankers managed by the company and regularly chartered

20 ships



Number of oil depots

35 locations



Overseas petroleum sales volume

23 million kL/year

Power and Renewable Energy



Electric power generation capacity

1.4 GW

Of which, renewable energy
0.5GW



Electricity sales volume

3.8 thousand GWh



Solar module production capacity

0.9 GW/year

Resources



Crude oil production volume

24,000 barrels/day



Thermal coal production volume

11 million tons/year

Basic Chemicals



Ethylene production capacity

1 million tons/year



BTX* production capacity

2.5 million tons/year

Functional Materials



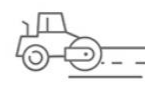
Sales volume of engineering plastic

150,000 tons/year



Sales volume of lubricants

1.1 million kL/year



Sales volume of asphalt

380,000 tons/year



Adhesive material production capacity

75,000 tons/year



OLED material production capacity

22 tons/year

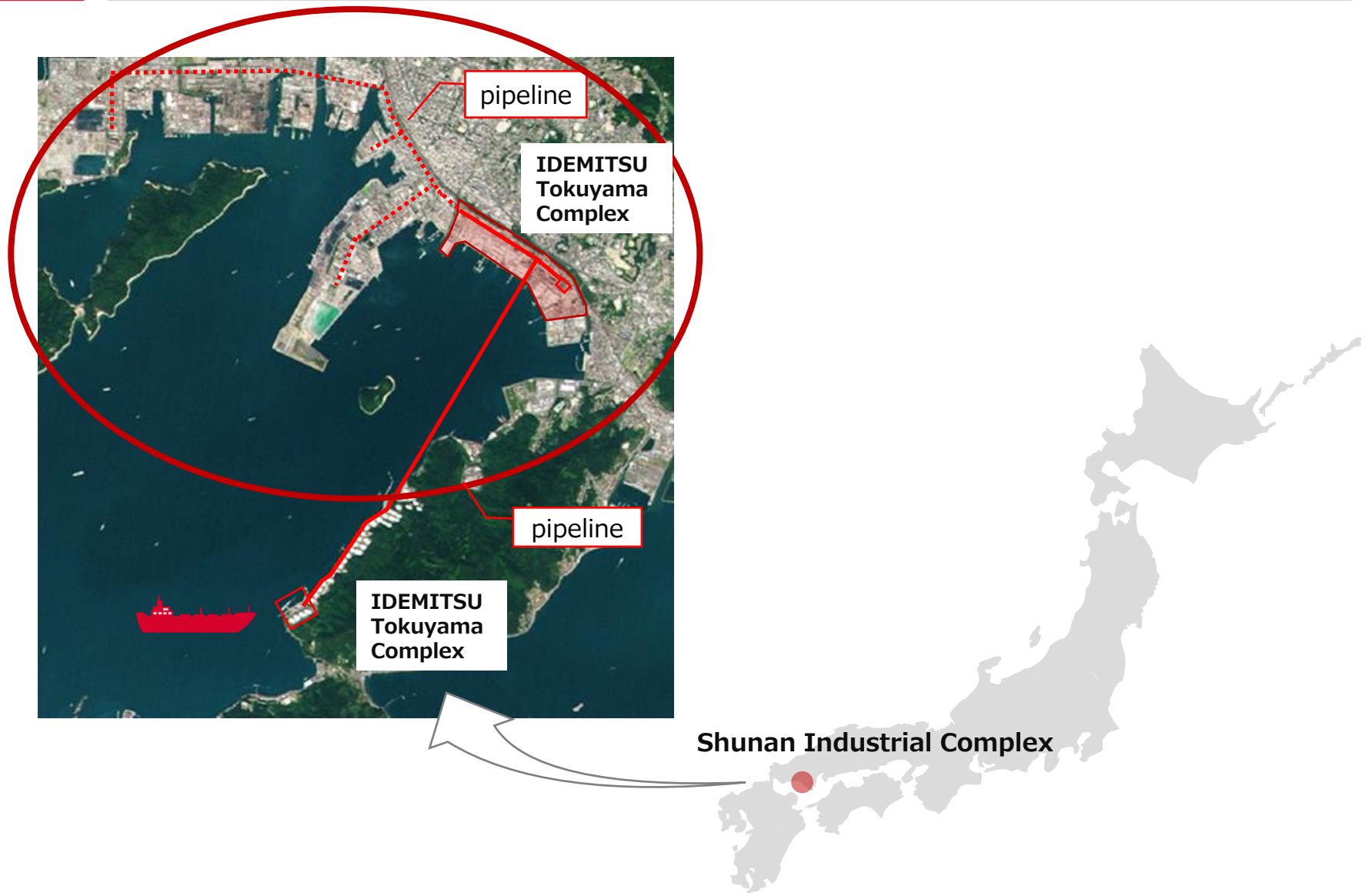


Sales volume of agri-bio products

17,000 tons/year

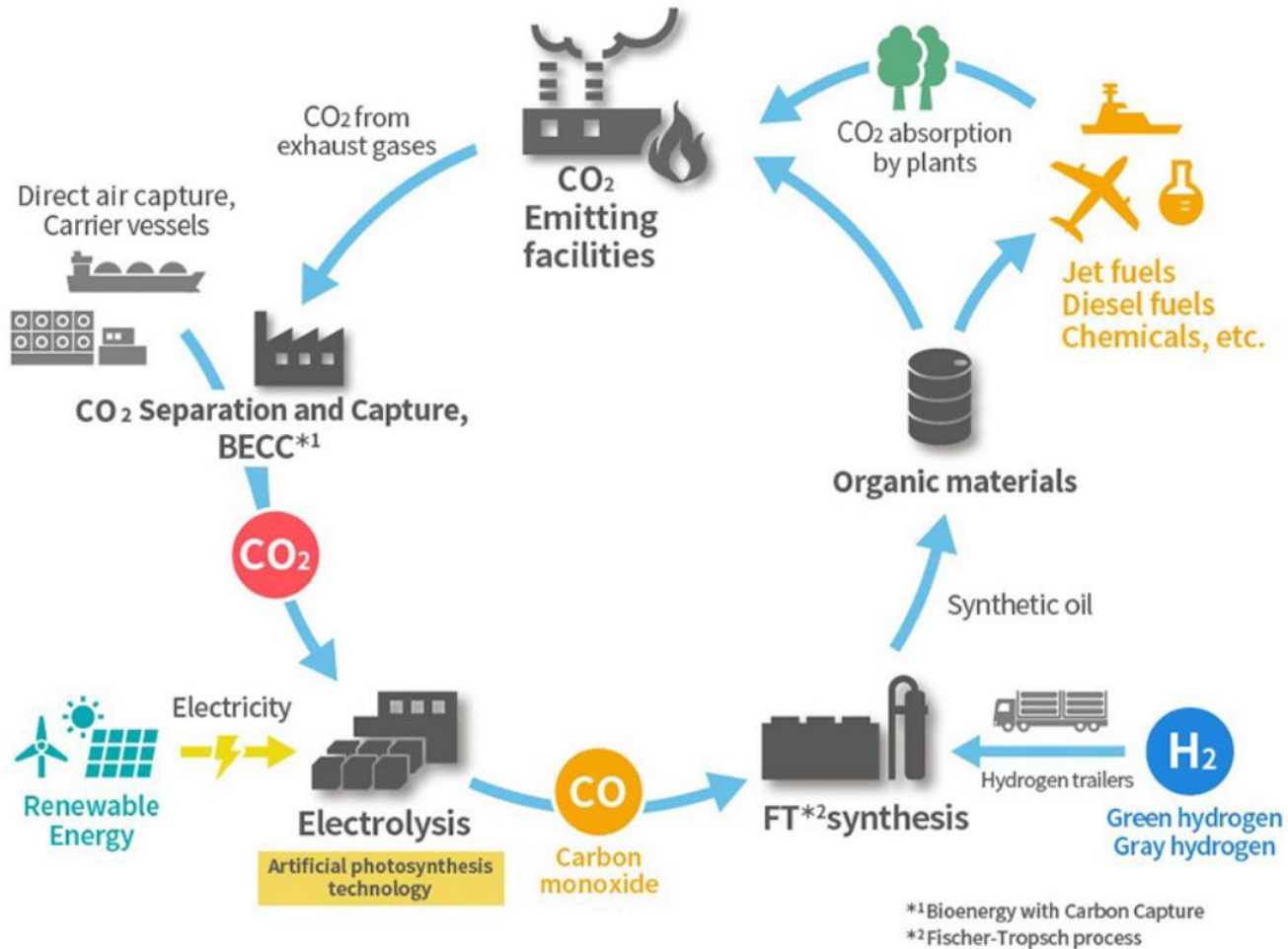
(Source : Idemitsu HP)

1. Co-combustion of Ammonia with fossil energy



2. CO₂ Recycling focusing on production of Sustainable Aviation Fuel

【CCU scheme】



(Source : Idemitsu HP)

3. CO₂ carbonation to establish a recycling-oriented society

