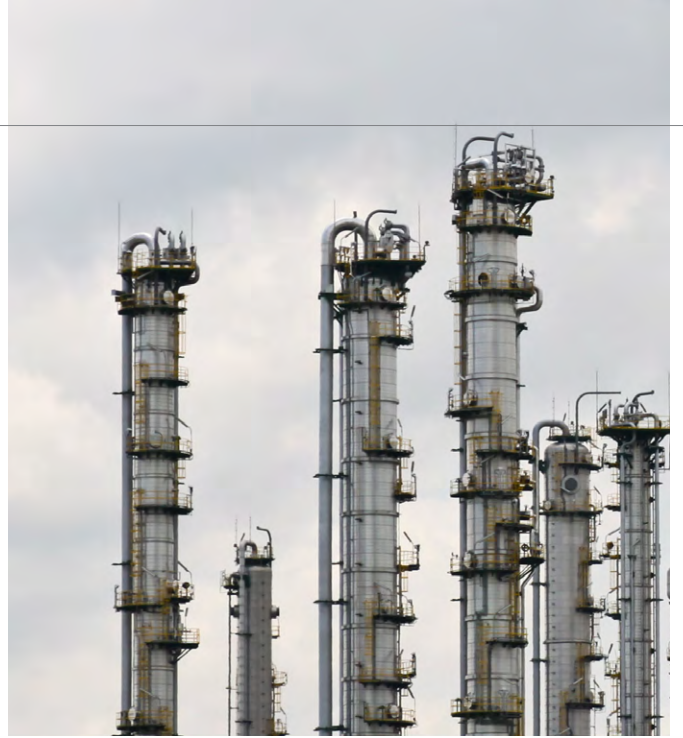


EGYPT'S REFINING & PETROCHEMICALS
**TOWARDS A SIGNIFICANT
EXPANSION**



EGYPT'S REFINING & PETROCHEMICALS

TOWARDS A SIGNIFICANT EXPANSION



BY JOLLY MONSEF, MARIAM AHMED & YOUSSTINA MOUNIR

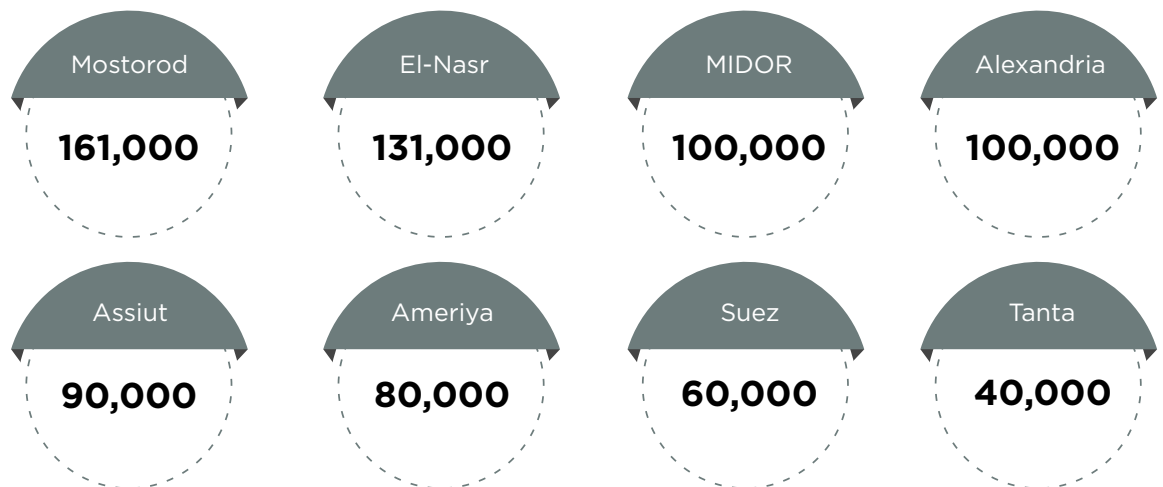
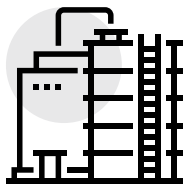
Egypt's refining and petrochemical industries play a dynamic role in the Egyptian economy. The Egyptian petrochemical industry is considered as one of the most vital strategic industries on which many complementary industries are based, and it has a direct impact on supporting the national economy. On the other hand, the refining industry also has a significant economic contribution, as it represented 3.5% of the total gross domestic product (GDP) in FY 2021/22, with an increase in its GDP by 19.6% compared to fiscal year (FY) 2020/21, according to the Ministry of Planning and Economic Development (MPED) data. This reflects the adopted efforts to improve Egypt's downstream performance which directly affects the value chain of the oil and gas sector.

REFINING SECTOR

In 2016, the Egyptian Ministry of Petroleum and Mineral Resources (MoP) adopted a strategic refining policy through the vision of the modernization program combined with the implementation of the economic reform program in Egypt. This policy aims at expanding the refinery infrastructure, including developing new refineries and upgrading the existing ones in Egypt. Hence, this has achieved distinct results over the period (2016-2021) in raising the refining production capacity by 13.6% and promoting refineries' production by 17.3%, according to the Organization of the Petroleum Exporting Countries (OPEC) data.

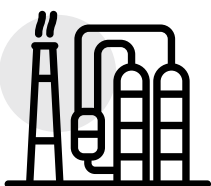
Refineries in Egypt

EXISTING REFINERIES & THEIR CAPACITIES (bbl/d)



Sector's Performance in 2021

SECTOR'S ATTAINMENTS



832,550 bbl/d
REFINERY CAPACITY

589,000 bbl/d
REFINERY THROUGHPUT

IMPLEMENTED PROJECTS

HIGH-OCTANE GASOLINE PRODUCTION UNIT AT ASORC



ASPHALT PRODUCTION UNIT AT SOPC



Egypt's Refining Position in MENA Region

EGYPT'S ONGOING PROJECTS (2022-2026)

■ Company

■ Value* (\$ billion)

■ Project

RSNRP

3.7Crude Oil Refining and Petrochemical Complex
in Ain Sokhna

SOPC

1.7Coking & Diesel Complex
in Suez Refinery**0.5**

New Lubrication Oil Complex

ASORC

1.7Refinery Upgrade:
Hydrocracking Complex**1**

Refinery Upgrade

0.4Refinery Upgrade:
Atmospheric Distillation Unit

AMOC

1.5

Mazut Refining and Distillation Complex

MIDOR

0.8

Alexandria Refinery Expansion 2

APC

0.6

Alexandria Refinery Green Project

APRC

0.4

Refinery Modernization

ANOPC

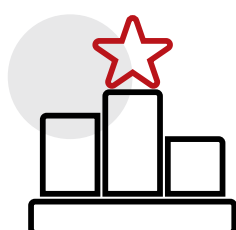
2.9**

Diesel Production Complex

*Total of Committed & Planned

** Investments

EGYPT'S RANKING & SHARE AMONG MENA COUNTRIES



PETROCHEMICALS SECTOR

Egypt paid attention to the petrochemicals industry as one of the most strategic industries which has a direct impact on supporting the country's economy. The petrochemicals industry has witnessed remarkable progress during the last seven years, and is expected to increase the added value of products. In this context, the integrated plan implemented by the petroleum sector has a great role in increasing the capabilities of the petrochemicals industry through a set of new ambitious projects. The local production exceeded 4.3 million tons per year (mmt/y) in FY 2021/22, which doubled from around 2.1 mmt/y in FY 2015/16, stated in the general assembly of Egyptian Petrochemicals Holding Company (ECHEM).

Sector's Performance in 2021

SECTOR'S PRODUCTION

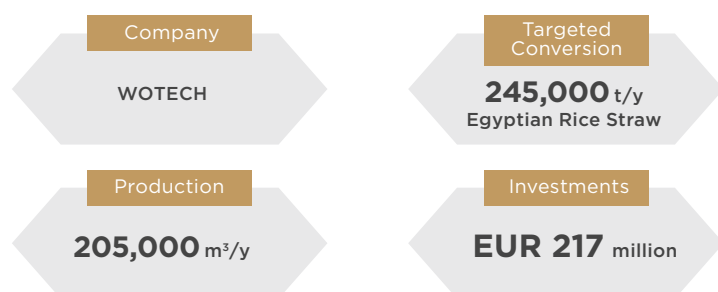


4.3 mmt

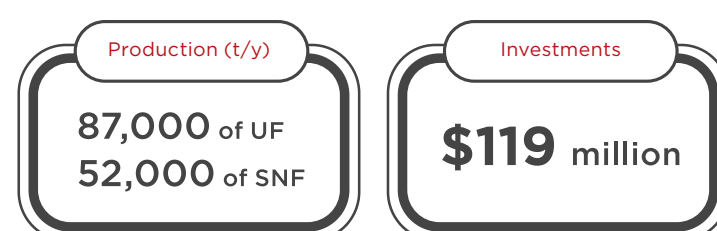
LOCAL PRODUCTION IN FY 2021/22

IMPLEMENTED PROJECTS

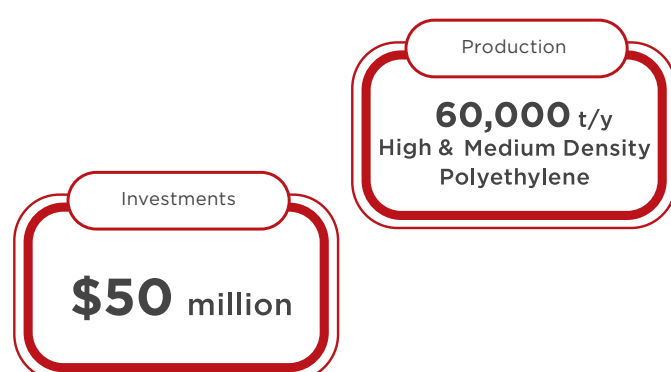
PRODUCING MEDIUM-DENSITY FIBERBOARD (MDF) PROJECT



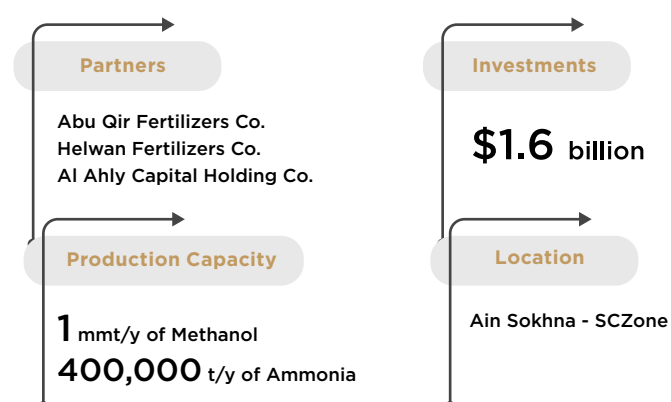
METHANOL DERIVATIVES PRODUCTION PROJECT AT SMD



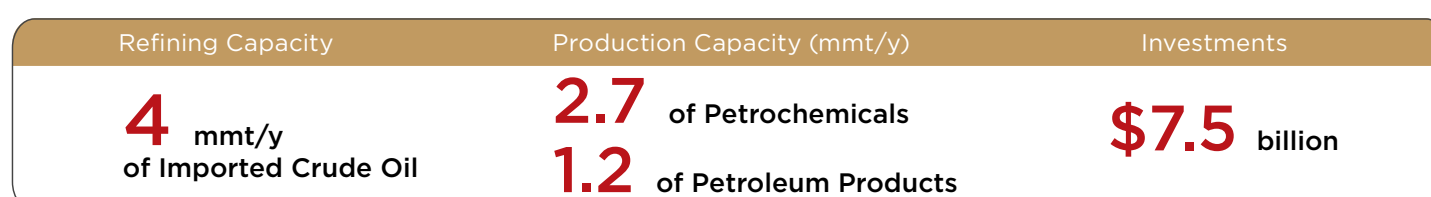
ESTABLISHING OF NEW POLYETHYLENE UNIT PROJECT AT ETHYDCO



SIGNING AGREEMENT TO ESTABLISH "MISR METHANOL & PETROCHEMICALS" COMPANY

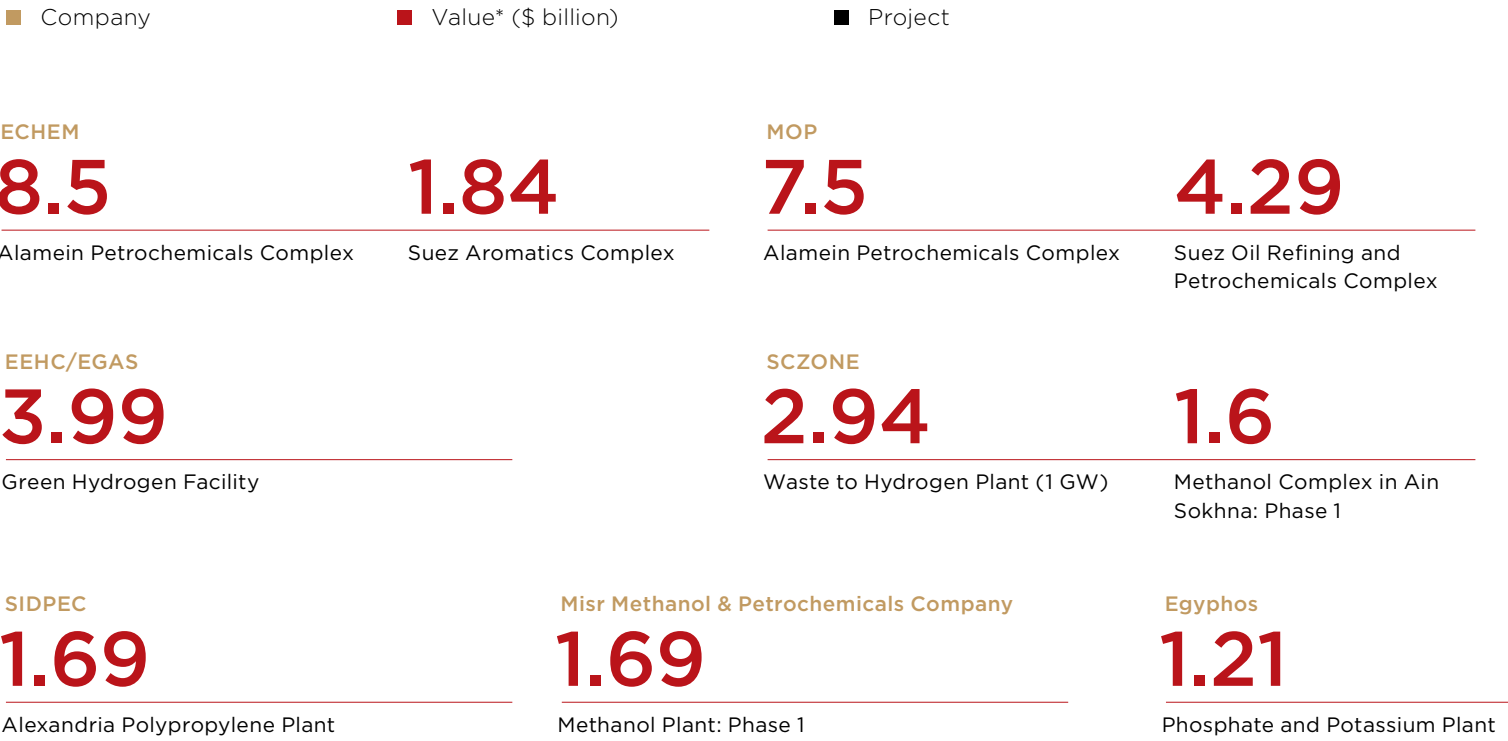


REFINING & PETROCHEMICALS COMPLEX AT SCZONE



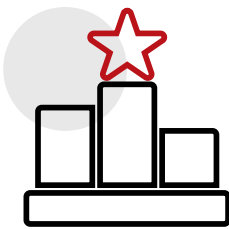
Egypt's Petrochemicals Position in MENA Region

EGYPT'S ONGOING PROJECTS (2022-2026)



*Total of Committed & Planned

EGYPT'S RANKING & SHARE AMONG MENA COUNTRIES



Supportive government policies, efforts coupled with upcoming projects drive Egypt's refining and petrochemicals industries witnessed a remarkable growth in the previous year and are expected to have promising opportunities in the coming years. It is worth mentioning that digitizing both

industries play a major role in upgrading and promoting the performance of Egypt's refineries and petrochemicals complexes. Hence, Egypt is able to meet its local demand and reduce its import bill.

