

Petrochemicals industry

The Egyptian Ministry of Petroleum has given great importance to the petrochemical industry as one of the most important strategic industries on which many complementary industries are based on in the country in order to meet the growing needs of petrochemical products in different fields. In addition, it has a direct impact on supporting the national economy.

Petrochemicals are used in the production of various products such as paints, rubber, plastics, detergents, dyes, fertilizers, pesticides, textiles, solvents, cosmetics, medicines, pipes and other materials

During the period from 2014/2015 to date, the two largest projects in the petrochemical industry have been operated with a total investment of about \$ 4 billion. His Excellency, the President of Egypt has launched them during the year 2016 as follows:

Mopco Expansion Project (Damietta)

The President of Egypt inaugurated the project in 22 May 2016. The project aims to produce urea with production capacity 1.38 million tons/year in order to satisfy the market needs of the nitrogenous fertilizers, and to export the surplus at an investment cost of about 1.96 billion dollars.



Production of Ethylene and its derivatives in Alexandria

The President of Egypt inaugurated the project in August 2016 with a production capacity of 460 thousand tons/year of ethylene, which is used in the production of 400 thousand tons/year of polyethylene, in addition to 20 thousand tons/year butadiene .. The project provides the low and high density polyethylene which is the main product used in the plastic packaging & construction materials in order to satisfy the local market needs and accordingly decreasing imports. The investment cost of the project is about \$ 1.93 billion.



The Egyptian Petroleum Holding Company is currently developing a number of promising new projects aimed at maximizing the value added and will have a positive impact on the national economy as follows:

Ongoing projects

Egypt has taken efforts to increase economic growth and development by achieving the maximum possible benefit and maximizing the added value of the natural resources and raw materials available in Egypt, as well as providing more job opportunities, Three new petrochemical projects are currently being implemented. With total investments of about \$553 million, as follows:

Resin glue and MDF production project -WOTECH Company

The project aims at producing 205,000 cubic meters per year of medium density fiberboard (MDF) panels based on 250,000 tons per year of Egyptian rice straw as a main raw material for the project to meet part of the growing needs of local market as well as to contribute in reducing the environmental pollution resulting from burning Rice straw.

Methanol Derivatives Production project(SMD)

Suez Methanol Derivatives Co. aims to start the project to maximize the added value of methanol produced by Emethanex, the urea produced by MOPCO and the caustic soda produced by the Egyptian petrochemical company in order to produce 87 thousand tons per year of formaldehyde urea and 53 thousand tons per year of SNF.

Bioethanol Production project

The project aims at producing 100 thousand ton per year of bioethanol and 130 thousand ton per year of Vinase which is used as an animal feed.

In addition to that the necessary measures are being taken to start implementing a number of petrochemical projects which includes soda Ash production project , Metallic silicon production project, Al-Alamein petrochemical complex, and Red sea petrochemical complex which contributes to achieving the state's vision to replace imports and settle the Egyptian industry.

A study has also begun to establish a number of environmentally friendly projects, such as the biodegradable plastic project and the green naphtha production project from algae oil.

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