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United Nations Industrial Development Organization



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Expert Group Meeting on the Development of the Synthetic Rubber Industry

Snagov, Romania, 25 - 29 June 1973

NOTES ON STATUS OF SYNTHETIC RUBBER INDUSTRY IN THE ARAB COUNTRIES 1

by

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THEROMICH CON

ing separately the possibility of establishing petrochemical inclustries. Synthetic rubber has been considered as an integrated part of a petrochemical complex in these studies. The insufficient local market to support economic especities and the uncertainty of export to foreign markets have caused limited success in these studies. Among arab countries, only hegypt is considering Sectionally the establishment of synthetic rubber plant as an integrated part of a petrochemical complex.

has been studying the subject of promoting petrochemical industries in the Arab countries through regional desperation and coordination. A preliminary study has been propared showing possible production of various chemical intermediates and final products from available raw materials at various production sites in both the Mediterranean area and the Gulf area

preliminary plan is now being elaborated so as to prepare a preliminary basic plan and sub-regional plans for the development of petrochemical industry in the arab countries with recommended collective strategy for the area and alternative projective to meet requirements of such a plan through cooperation and coordination in vertical and horizonal development and in supporting services.

This paper will give a brief account on market and plans of synthetic rubber in the brab countries together with proposed project according to the preliminary study.

MAGILT

The data which appear in this paper on market in the Arab countries have been taken from a study prepared for IDCAS by the French Petroleum Institute. The forecasts have been based on field data collected by IDCAS.

The data on market in other countries have been taken from a study prepared for IDCAS by Snam Progetti.

The most important types of synthetic rubber are S.B.R., Polybutadiene, butyl rubber and neoprene. The most widespread types for general use are S.B.R. and polybutadiene.

For the purpose of market studies, the Arab countries have been divided into the following sub-regions:

North Africa :

Norocco

Algoria

Tunisia

North East Africa: Libya

Empt

Sudan

Middle East:

Jordan

Syria

Irac

Kuwait

Lebanon Saudi Arabia

The consumption of synthetic rubber in Arab countries and western Europe for 1970, 1975 and 1980 is given in Tables I, II and III.

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Per dupita Consenstion

The estimated per capita consumption in Kilogrammo/year synthetic rubber in all the Arab Countries is as follows:

1970: 0.44

1975: 0.62

1930 : 1.2

Present and Future Capacities

Production of synthetic rubber is not in existence in the Arab countries at the present time. However, some countries have studied the possibility of establishing synthetic rubber plants as part of a petrochemical complex. Because of limited market in these countries, these studies have achieved little success.

Two petrochemical complexes are planned in Egypt up to 1980, one in Alexandria and the other in Cairo.

The Alexandria complex is to be implemented in two phases. The first phase includes a butadiene extraction unit and polybutadiene plant of 15000 tons capacity. The second phase includes S.B.R. plant of 15000 tons capacity.

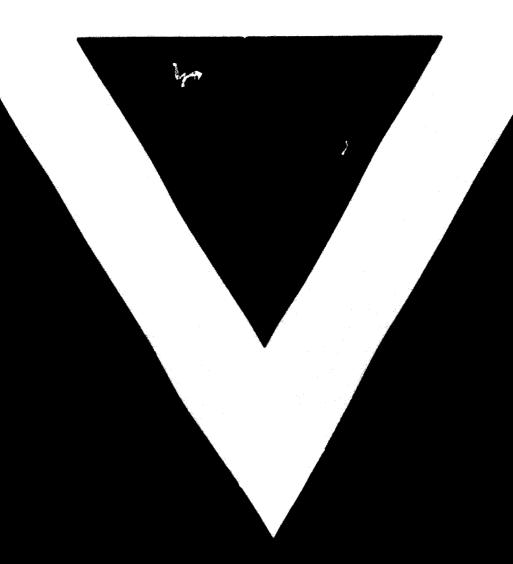
No other Arab country has announced any plan. for establishing synthetic rubber project.

Proposed Alteration of Alexandria Synthetic Rubber Projects

The preliminary study conducted by IDCAS suggests the following to the Alexandria complex:

- 1. Cancellation of the polybutadiene project in favour of increasing the capacity of S.B.R. to 30 000 tons/year.
- 2. The additional quantities of butadiene required for the proposed increased capacity of S.B.R. plant are to be obtained from proposed butadiene extraction units in Libya and in Kuwait in quantities of 5000 tons of butadiene from each of these two countries.





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