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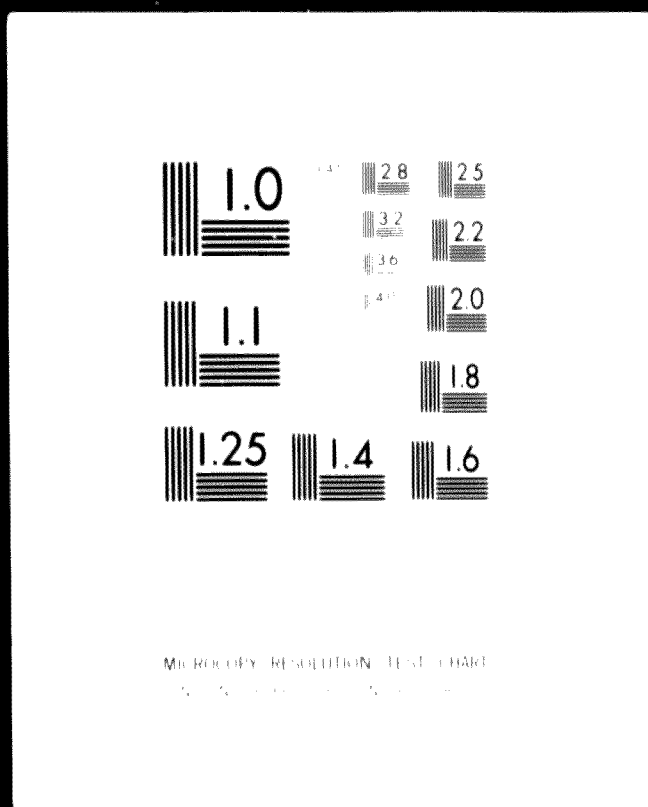
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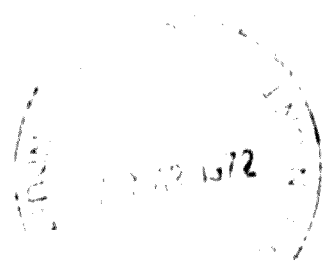
PROJECT INFORMATION SHEET

United Nations Industrial Development Organization

PHI-14-71

SECOND ASIAN MEETING TO  
PROMOTE INDUSTRIAL PROJECTS<sup>1/</sup>

SINGAPORE, 3-11 November 1971



CASTOR OIL

COUNTRY	Philippines
PROJECT	Processing of castor oil from castor beans Total investment: US \$900,000 Plant Capacity: 2,250 MT. of castor oil (crude) per annum
FOREIGN CONTRIBUTION REQUIRED	- Suppliers credit - Marketing tie-ups

<sup>1/</sup> Sponsored by: The Economic Commission for Asia and the Far East (ECAFE)  
The United Nations Industrial Development Organization (UNIDO).

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IMPORTANT NOTICE

The basic purpose of this meeting is to provide an Exchange or Market Place for the initiation of contacts on specific industrial projects between their proponents from the Asian countries and potential suppliers of capital, finance, equipment or know-how, as the case may be, from the industrialized countries.

This Project Information Sheet has been prepared as a basis for such contacts. Its purpose is not to present detailed information about the project but to provide the recipient with an outline sufficient to determine tentative interest in principle. Any further available information on the project will be furnished on request to interested parties at the Meeting.

Experience has shown that industrialists frequently prefer to carry out their own further investigations in detail into projects in which they are interested, but assistance from UNIDO in these matters can be rendered to the Asian country concerned on request.

This Information Sheet contains only the information supplied to UNIDO by the proponent of the Project. UNIDO can therefore take no responsibility for its accuracy.

CASTOR OIL

I. INTRODUCTION

. The Project

The proponent envisages the construction of manufacturing facilities for the processing of castor oil (crude) from castor beans. The oil is used in the manufacture of high-grade lubricants, soaps, paints, varnishes, plastics, nylons and other industrial products, as well as in textile dyeing and for medicinal purposes. The product is intended for export and import substitution.

. Foreign Contribution Required

Suppliers credit  
Marketing tie-ups

. Government Attitude

The project is eligible for investment privileges under Investment Incentive Law R.A. 5186. An application should be made in this respect for inclusion of the project in the Board of Investment's Priorities Plan.

II. COMMERCIAL ASPECTS OF THE PROJECT

- Proposed Plant Capacity

2,250 MT castor oil (crude) per annum.

- Domestic Consumption

Mostly from imports 135 MT in 1969. Local demands are projected to increase up to 2,250 MT per annum, eventually. Local production is negligible for the time being. Initially, the product is intended to be marketed locally. Provisions for expansion should be included, to take care of the possible development of export market.

- Price of Production

Ex-factory/landed = US \$0.65/kg. crude.

III. PHYSICAL ASPECTS

- Location

San Miguel, Bulacan.

- Land

2 hectares, available at project site.

- Labour

Labour is available at the project site at the following wage scale:

Skilled	US \$2.33/day
Semi-skilled	US \$2.00/day
Unskilled	US \$1.33/day

- Raw Materials

Castor beans are available in plantations 2 to 5 km. from plant site, at an assured buying price of US \$100 per MT.

- Infrastructure and Utilities

Road transportation facilities available. Power, steam, water will be provided by the facilities to be set up for the project.

IV. ECONOMIC ASPECTS

- Project eligible for inclusion in the Government's Investment Priorities Plan and therefore for incentive privileges under Investment Incentive Law R.A. 5186.

Foreign exchange savings.

Creation of new employment opportunities.

V. FINANCIAL ASPECTS

- Composition of Investment

Tentative financial base, subject to further discussion.

	<u>Rough estimates in US \$</u>		
	<u>Local Cost</u>	<u>Foreign Exchange</u>	<u>Total</u>
Pre-investment	15,000	-	15,000
Assets			
Land	92,000	-	92,000
Bu Building	68,000	-	68,000
Machinery	8,000	153,000	161,000
Working capital	<u>565,000</u>	-	<u>565,000</u>
Total	<u>748,000</u>	<u>153,000</u>	<u>901,000</u>

No financing plan is available at this stage. The subject is open for discussion at the Singapore Meeting.

VI. OTHER RELEVANT INFORMATION

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The proponent already has a castor bean plantation and the factory building construction is in progress.



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