



TOGETHER
for a sustainable future

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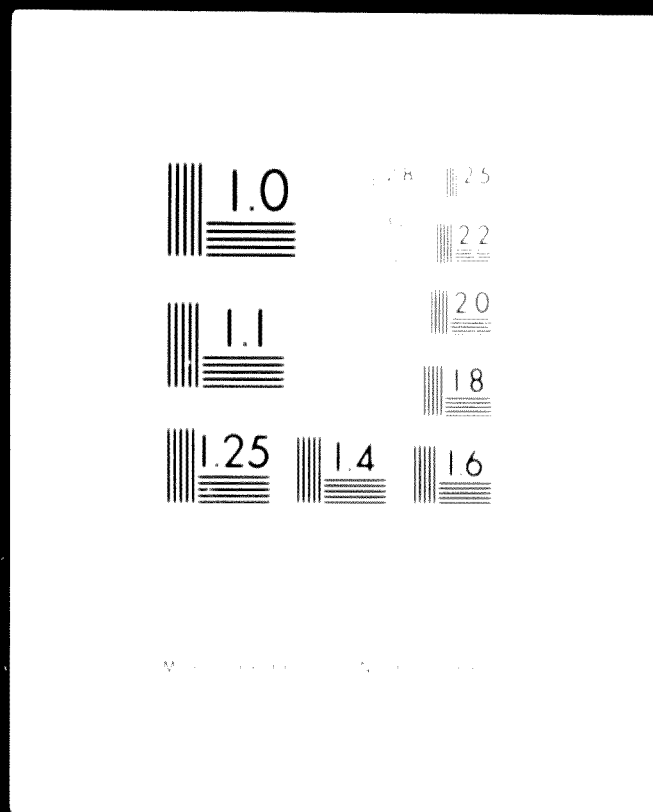
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United Nations Industrial Development Organization

BACKGROUND INFORMATION
SERIES

NO. 1-71

THIRD AFRICAN MEETING TO PROMOTE INDUSTRIAL PROJECTS

ABIDJAN, IVORY COAST, 24 NOVEMBER - 1 DECEMBER 1971

IVORY COAST

PROCESSING OF COLA NUTS

1/ Sponsored by: The African Development Bank (ADB)
The Economic Commission for Africa (ECA)
The United Nations Industrial Development Organization (UNIDO)

id. 71-1903



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 African 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.

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 African 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.

PROCESSING OF COCA BRUSH

Description of product

A plant to process and distill coca brush into liquid for pharmaceutical or food products, with the aim of exporting the manufactured product to the industrialized countries.

With the extraction process developed by ITHAT, the tonic properties of the coca leaf are preserved intact, which is not the case with the traditional use of the extract.

Characteristics

The tonic properties of coca, highly appreciated by Africans, who consume large amounts of the fresh juice (the Ivory Coast exports 40,000 tonnes to neighbouring countries), are due to an alkaloid complex, cocaine, which has different properties from caffeine and is free from some of its major drawbacks.

Possible uses

This coca extract can be used:

- In pharmacy, for restorative or anti-depressive preparations;
- In the food industry, in the form of chewing gum, sweets, gums, breakfast, tonic drink, roan, instant hot drink, etc.

Capacity

The development of such an industry could be quite feasible. A medium-sized plant is envisaged to launch the product and explore the market.

Location

Southern part of the Ivory Coast, where coca supplies are easiest to obtain.

Trials

Pharmacodynamic trials carried out in France have given very good results which are markedly better than those for the traditional coca extracts.

Technology

The extract is obtained, in the form of a mixture of coca powder, through the application of an enzyme process in which the juice is treated with specific amylases after previous stabilization by controlled heat treatment.

We regret that some of the pages in the microfiche copy of this report may not be up to the proper legibility standards, even though the best possible copy was used for preparing the master fiche.

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