

## ContainerPower Energy Solutions

# Construction of Chemical Energy Storage Project in Ethiopia



## Overview

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Does Ethiopia's chemical industry need a development strategy?

Recommendations for a Development Strategy for Ethiopia's Chemical Industry It is clear that Ethiopia's chemical industry has thus far not even attained a critical mass to influence supply side or demand side linkages. Almost 90 per cent of domestic demand for chemicals, such as raw materials, intermediate or finished goods, is serviced by imports.

Can Ethiopia develop a technology-based petro-chemical industry?

Recommendations for a Development Strategy for Ethiopia's Chemical Industry Ethiopia has the potential to develop a technology-based large-scale chemical and petro-chemical industry.

What are the challenges for a technology-based chemical industry in Ethiopia?

Domestic chemical producers remain perennially dependent on raw material imports. The chemical industry is still in its infancy in Ethiopia. Therefore, the key challenges for the development of a technology-based chemical industry lie at two levels. The key challenge for the chemical industry is to become competitive in the marketplace.

Does Ethiopia have a good energy system?

These and other features reveal that Ethiopia lacks a modern, flexible, reliable, and affordable energy system that could withstand its fast-growing energy demand due to high growth rates of population, urbanization, and industrialization [ , ]. The existing energy system impinges on the quality of the environment in several ways.

How to develop alternative energy source in Ethiopia?

Likewise, coffee husk, cotton, saw dust, khat, bamboo, Jatropha, castor, molasses and floriculture also provide remarkable option for developing alternative energy source in Ethiopia. 27 The Jatropha fruit is 40 % pulp, 30 %

kernel and 30 oil. About 0.4 tonnes of pulp will be available from 1 tonne of seed processed.

What is the chemical industry like in Ethiopia?

Ethiopia has abundant deposits of primary input resources for the chemical industry and recently discovered large deposits of natural gas, which in itself is a competitive advantage for chemical production. Presently, technology in the chemical industry is quite complex.

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