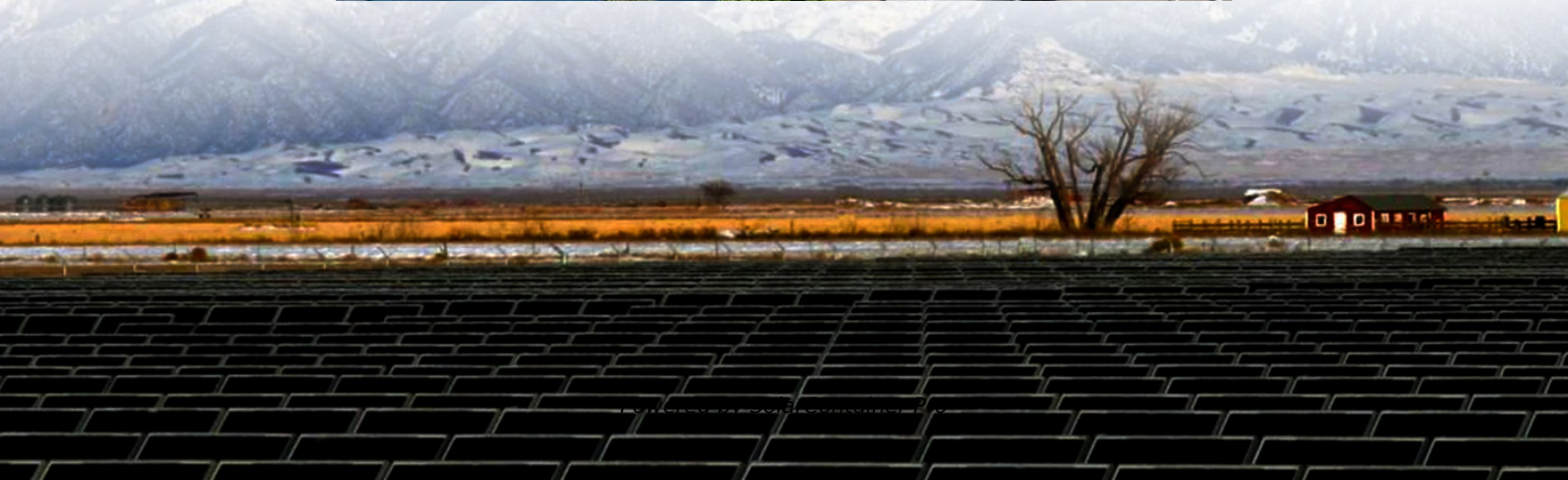


Construction of Chemical Energy Storage Project in Ethiopia





Overview

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.

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.

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.

How can Ethiopia improve chemical sciences and engineering skills?

Increasing investments in chemical sciences training should go hand-in-hand with concerted efforts to develop the private sector, improve physical infrastructure, create more jobs and grow the economy as a whole. Thus, Ethiopia should avoid single isolated interventions in its efforts to improve chemical sciences and engineering skills.

Why is chemical consumption increasing in Ethiopia?

Chemical consumption will increase considerably as Ethiopia's economy is



rapidly growing. Import substitution of basic chemicals and pharmaceuticals should be the top priority in the development of Ethiopia's chemical industry. imports compared to the world, Africa and COMESA is presented in Table 31.

What is the current status of petrochemicals in Ethiopia?

The penetration of plastics in flexible packaging has advanced quickly and steadily. PE and PP film, in particular, accounted for 37 per cent and 25 per cent in the packaging industry (Table 49). 4.3.1.2 Current Status of Petrochemicals in Ethiopia Ethiopia's plastics industry is growing fast.



Construction of Chemical Energy Storage Project in Ethiopia



[Grand Ethiopian Renaissance Dam Project](#)

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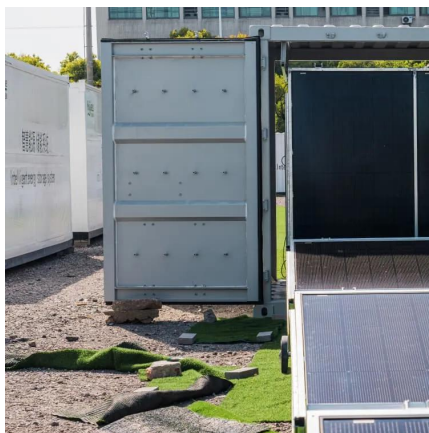
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Conduct a comprehensive feasibility study on applying iron powder storage in Ethiopia.
Develop and implement pilot projects



demonstrating the technology in real-world conditions.

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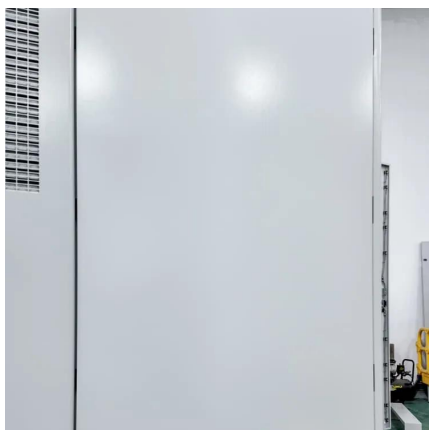
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