



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكرو فيلم

بسم الله الرحمن الرحيم



HANAA ALY



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Cairo University

**IMPACT OF SMALL AND MEDIUM
PETROCHEMICAL ENTERPRISES ON EGYPTIAN
NATIONAL ECONOMY
(A TECHNO-ECONOMIC STUDY)**

By

Hoda Ragab Mohamed Abdel-Aziz Omran

A Thesis Submitted to the
Faculty of Engineering at Cairo University
in Partial Fulfillment of the
Requirements for the Degree of
DOCTOR OF PHILOSOPHY
in
Chemical Engineering

FACULTY OF ENGINEERING, CAIRO UNIVERSITY
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Title of Thesis:

Impact of Small and Medium Petrochemical Enterprises on Egyptian National
Economy (a Techno-Economic Study).

Key Words:

Petrochemicals Value Chain; Petrochemicals Small and Medium Industry; National
Economy; National Economy Reform Strategy; Egyptian Local Annual Imports.

Summary

In line with Egypt vision 2030 with its main objective of increasing the small and medium enterprises and manufacturing contribution in the national Gross Domestic Product (GDP) and since most of small and medium industries depend on petrochemical end products as a feedstock, this research work focuses on studying the impact of Small and Medium Petrochemicals Enterprise (SME's) on Egyptian National Economy.

As a conclusion of this research work, there is an opportunity to replace the imports of about 1,144 of finished products derived directly from petrochemicals end product by its local manufacturing and gain more and more profit in addition to reduce about 8% of the local annual imports that represents about Billion EGP 120.

Disclaimer

I hereby declare that this thesis is my own original work and that no part of it has been submitted for a degree qualification at any other university or institute.

I further declare that I have appropriately acknowledged all sources used and have cited them in the references section.

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Dedication

I dedicate this thesis to my husband Dr. Ali El-Gizawy for his continuous assistance and for removing all the obstacles in my life in order to support me in completing my thesis and holding my Phd degree. I dedicate this thesis also to my parents and many thanks for their continuous prayers and support.

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