

Modernization of KCC Laboratories

KUWAIT CATALYST COMPANY¹ AND KUWAIT FOUNDATION FOR ADVANCEMENT OF SCIENCES²

¹ Kuwait Catalyst Company.

² Innovation and Enterprise Directorate, Kuwait Foundation for Advancement of Sciences.

ABOUT THE PROJECT:

The objectives of the project were to update and complete Kuwait Catalyst Company's laboratory equipment to cover all the company's analytical requirements, acquire a suitable laboratory database to improve connectivity throughout operations, and develop procedures to improve laboratory operations. The project was conducted in collaboration with a technology provider, Fraunhofer IKTS, with co-funding from The Kuwait Foundation for the Advancement of Sciences.

1. A BRIEF DESCRIPTION ABOUT THE COMPANY

Kuwait Catalyst Company (KCC) is a Kuwaiti shareholding company that specializes in the manufacture of Residue Desulfurization and Hydrotreating Catalysts. The company started its manufacturing activities in 2000. KCC manufactures its products under licenses from its technology provider Advanced Refining Technology (ART) and sells its products locally and in the international markets.

2. THE IMPACT OF SCIENCE, TECHNOLOGY AND INNOVATION IN THE PROJECT

The project resulted in more efficient operations in the KCC laboratory and in the quality of production in general. KCC laboratories now cover all catalyst analytical requirements. The selection and installation of a suitable laboratory database lead to improved laboratory connectivity with production and improvements in product quality. The project resulted in improved laboratory operations including calibration programs and repeatability improvements.

3. IMPACT ON OUR COMPANY

The project led to improvements in the work flow in the laboratories, the enhancement of data flow between the lab and the production department, reduction in analytical costs and the general improvement in the quality of all products.

4. KFAS FUNDING & SUPPORT

KFAS not only provided the necessary funds to execute this project but was also helpful in bringing together KCC with the technology provider. KFAS was essential in bringing the project team together and pushing the project forward.

5. WOULD YOU RECOMMEND KFAS PROGRAMS TO OTHER COMPANIES?

Kuwait Catalyst Company strongly recommends that all private companies take advantage of the valuable funding opportunities KFAS is providing to improve and upgrade their company's efficiency and profitability.

FUNDING INFORMATION

This project was co-funded by the Innovation & Enterprise Directorate, Kuwait Foundation for Advancement of Sciences to support in-house R&D for the development of Science, Technology and Innovation in Kuwait Catalyst Company.

CONTACT INFORMATION

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