

LYONDELLBASELL

HOW LYONDELLBASELL ENHANCED TURNAROUND COST ESTIMATION WITH CLEOPATRA ENTERPRISE



LyondellBasell Industries is a publicly traded multinational chemical company with American and European origins. It is incorporated in the Netherlands, with U.S. operations headquartered in Houston, Texas, and global operations based in London, UK.

As of 2013, Lyondell Chemical Company ranked as the third-largest independent chemical manufacturer in the United States.



LyondellBasell is recognized as one of the world's largest ethylene and propylene oxide producers. Its Channelview complex, situated along the U.S. Gulf Coast, spans nearly 3,900 acres, making it one of the region's largest petrochemical facilities.

Introduction to LyondellBasell's Quest for a Turnaround Cost Estimating Tool

As a global leader in technology, LyondellBasell employs cutting-edge manufacturing processes, catalysts, and services. The company recently sought a more advanced method for cost estimating associated with its turnaround projects. Cleopatra Enterprise's **turnaround management software** was adopted as a solution, chosen for its reputation as a comprehensive global **cost estimating tool** and its suitability for turnaround projects and maintenance activities.

How and Why Cleopatra Was Implemented

Several key factors influenced LyondellBasell's decision to implement Cleopatra Enterprise for its turnaround cost estimation:

- First of all, the program interface is sophisticated, intuitive, and easy to use.
- Cleopatra Enterprise enables the creation of estimates rapidly in the early stages of a project, while its customizable features add significant value to turnaround initiatives. Regular turnaround considerations, such as overtime and managing multiple contractors for the same discipline, can easily be incorporated into estimates.
- Finally, because of the **interface with Primavera software**, it becomes very easy to create a plan – and adjust that planning on the fly – based on the cost estimate, which saves us valuable time and effort.

These advantages illustrate why Cleopatra Enterprise has proven to be a valuable tool in supporting LyondellBasell's turnaround projects, enhancing efficiency, and simplifying the management of these operations.



CLEOPATRA

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Since 1996, Cleopatra Enterprise has empowered over 500 industry-leading companies across 75 countries to deliver complex projects and turnarounds with confidence.

“All in all, Cleopatra Enterprise is the perfect solution for Lyondell since we can now efficiently and accurately estimate the costs for turnarounds throughout the entire turnaround project. From the moment of the identification of the turnaround, where we can already perform a screening estimate to get an idea of the initial budget, all the way to the actual execution phase, Cleopatra Enterprise has become a crucial part of our business.”

- Lyondell Basell



Cleopatra offers a Total Project and Turnaround Management Software that supports the entire project lifecycle through an integrated project cost management solution. It is the only tool that combines cost estimating, work package management, BIM, scheduling, cost control, form tracking, benchmarking, and more—helping you build robust project controls capabilities to stay on schedule and within budget.

With cutting-edge technology and a team of experienced professionals, Cleopatra enables companies to streamline processes, improve project performance, and achieve their goals with confidence.

Visit us at
www.CleopatraEnterprise.com

“Cleopatra Enterprise software is not just a global cost estimating tool, but it is also perfectly suited for turnaround projects and maintenance activities.”

- Lyondell Basell

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