ISETIA CASE STUDY

CHEMICAL INDUSTRY



ABOUT OQ

OQ brings together the legacy of nine business units combining a diverse set of expertise and talents. Merging agility, innovation, and technology, OQ develops game-changing specialty solutions for consumers across the entire energy value chain.

OQ's investments in major growth projects from the exploration and extraction of oil and gas to expanding our polymer capabilities allow OQ to make more possible. Growth and expansion plans include investments of $28bn over the next ten years. The people of OQ come from every corner of the world and this diversity is represented in office locations, as well as operational centers.



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Among its planned advances is to increase crude oil processing capability by 230,000 barrels per day through the Duqm facility when it reaches full operational capacity. This will bring their total production capacity up to 528,000 barrels per day. OQ's global trading supply chain, comprising both OQ and third-party sources, include crude oil, refined petroleum products, petrochemicals, LNG and dry bulk. OQ Supply & Trading's refined petroleum products portfolio includes gasoline and gasoline components, naphtha, middle distillates, liquified petroleum gas (LPG) and fuel oil.

OQ operations are supported by a global network of trading offices located in major oil trading regions. Our experience and understanding of oil markets enable us to offer valuable support and implement structured transactions for our customers.

OQ's state of the art production facilities include the first Polyethylene plan for Oman. With plant capacities of 440KTPA of Linear Low Density Polyethylene (LLDPE) and a 440KTPA High Density Polyethylene (HDPE). The current 320KTPA Polypropylene facilities complemented by a 300KTPA Polypropylene production unit capable of producing Homopolymers as well as random and impact copolymers. The resulting product mix diversity helps OQ's partners address the growing global demand for innovative polymers across a wide range of industries and applications.

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As a leading manufacturer of OXO chemicals, OQ's chemicals are important ingredients in products that in daily life around the world. OQ's integrated company offers our customers a well-matched product portfolio and bespoke solutions along the entire value chain of chemical products.

The Duqm Refinery and Petrochemicals Cluster also represents a significant investment in optimizing Oman's upstream capacity. OQ's agility as an end-to-end energy giant and long-term goals are solidified by key regional and international partnerships and acquisitions, as well as a robust retail and global trading network.

Helping partners and customers meet sustainability regulations of an increasingly demanding market is OQ's Alternative Energy unit's focus and are continually pushing the boundaries of efficiency by exploring optimization opportunities with green hydrogen, synthetic fuels, and green methanol. OQ provides customers around the globe with world-class sales, marketing, technical and supply chain support. They work alongside partner technicians and engineers to serve as a seamless extension of the R&D team.

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Upstream | Downstream | Commercial



Extraction & Procesing	Refinery	Petchem & Specialty chemicals		Logistics	Route to market
Crude oil Natural gas	Natural gas Propane Butane Condensate	Gasoline Jet fuel Diesel Coke LPG Sulfur Bitumen	Polyethylene Polypropylene Ethylene glycols Oxo chemicals Butadiene Methanol Ammonia Paraxylene Purified terephthalic acid	Benzene Aldehydes Alcohols Esters Polyols Acids Specialty esters	Performance Chemicals Supply & Trading Retail Global Planning International oil and gas markets

WHY DID OQ CHOSE ISETIA?

OQ has many projects where the first process is Design and Engineering. ISETIA enabled OQ to effectively manage this process by receiving the Engineering and Design Transmittals through a Digital Common Data Environment. This enabled the OQ Supervisors and Engineers to validate the design drawings using the ISETIA advanced online markup functionality, and to create an issue and check list for follow-up. Using ISETIA for the Digital Transmittal process saved up to 30% in labour costs and reduced errors and rework by approximately 20%

We have used ISETIA for over 5 Years and recently upgraded to the New Generation of ISETIA. To date, we have over 1,000,000+ Transmittals in our system and we are using ISETIA for multiple projects. One of the reasons we renewed our ISETIA contract, and extended the number of users, is because the ISETIA team understands our business, is readily available, and quickly responds to our development and support requests. The ISETIA team has very highly skilled consultants who bring always best practices from our industry. We feel comfortable and secure working with ISETIA. Says ***"Project Design and Engineering Division Director"***



ISETIA helps us centralize and collaborate in a Common Data Environment (CDE) platform. Contractors- Designers-PMC-Engineers and Architect and operator teamwork integrated sign source of through with secured cloud-based platform. The ISETIA interface is 100% customized for our process and with self-learning our contractors can start using even they are not located in Oman. Says ***"Anwar Al Busaidi, N 4 TL Inform Management"***

We are happy to use ISETIA in OQ and we are planning to rollout in our organizations more intensively. Today more 30 contractors who work with our project also using ISETIA and we are getting positive feedback from our contractors to working solution which we choice and implement, ***"IT and System Director"***

ISETIA provides a built-in document viewer, so we do not need to first download a document for review and markup. ISETIA offers many different types of documents viewers so that virtually any document can be displayed in a web browser, without having to first purchase and install any software. One of ISETIA's strengths is a very robust document meta data management and automatic document numbering system. You can easily upload 100's of documents at once and ISETIA will either auto number these documents or automatically generate a filename from the Meta data. This capability saves a lot of time for manual entry. In the past, we have used many Engineering document management systems, but ISETIA has so many unique functions it makes our life much easier. Says ***"Document Controller"***

By Implementing ISETIA at OQ, the following benefits has been realized:

- Decreased the response time for a transmittal by more than 30%
- Reduced the amount of re-work by 20%
- Realized a 12% gain in team efficiency
- Delivered projects 5% faster with ISETIA
- Improved the time to located data by 35%
- Reduced the overall time required for the design process by 40%





ISETIA is a cloud-based, ready to use, document management solution that is used to manage the entire lifecycle of documents and content - including version control, lifecycle management, annotations, revisions, electronic signatures, and sharing.



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The ISETIA document control system is used to:

- Maintain a repository of electronic documents
- Provide a mechanism of securing the documents
- Integrate with other software solutions being used
- Provide a method for putting the documents into a defined workflow
- Maintain a complete audit trail by providing the four W's (Who, What, Where, When)
- Determine the status and usage of documents to help manage the process
- Capture document usage data for reporting
- Comply with any necessary regulatory requirements



While ISETIA offers many project management capabilities and functionality, the document control functionality is world class.



To learn more visit us at

www.isetia.com
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You will see why ISETIA has been chosen for

projects all over the globe.

With ISETIA, all documents are stored in an electronic format in the Cloud which is easily backed up and can be copied offsite relatively easily. This is superior and more cost-effective way to manage your documents without the added costs of printing and tracking paper copies. Documents can easily be moved from one point it the workflow to another. Misfiled documents can be easily found using the search capabilities built into ISETIA's document management system.

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