

CONSTRUCTION OF OIL REFINERY

SECTOR: GAS & OIL

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OIL REFINERY



A core infrastructure asset in the energy sector

The construction of an oil refinery is a strategic priority in the development of the fuel and energy complex. A refinery provides a full-cycle process for converting crude oil into high-quality petroleum products—gasoline, diesel, jet fuel, and petrochemical components

KEY ADVANTAGES OF A REFINERY

- Independence from external processing and import logistics
- Increased value of raw materials through deep refining
- A stable base for production and exports

A refinery is a cornerstone of energy security, enabling efficient use of domestic resources, building reserves, and stabilizing fuel prices. Amid global logistical disruptions and rising demand for petroleum products, launching a new refinery is not only an industrial priority—but also a highly profitable investment opportunity

DEL MAR ENERGY

PROJECT DEVELOPER AND OPERATOR

Del Mar Energy serves as the project owner, investor, and managing operator of the oil refinery construction initiative under the Gas & Oil division. The company oversees the entire development cycle—from design and equipment procurement to full-scale operations and integration into the sales infrastructure

KEY RESPONSIBILITIES OF DEL MAR ENERGY

Development of the technical design and site selection

Procurement and delivery of energy-efficient equipment

Securing supply contracts for crude oil and distribution of finished products

Contractor engagement, construction oversight, and timeline management

ADVANTAGES OF A PROJECT MANAGED BY DEL MAR ENERGY

Guaranteed demand through long-term export contracts ✓

Minimal logistics risk due to proximity to oil production regions ✓

High investor returns supported by contracted fuel pricing ✓

PRODUCTION CYCLE

FROM CRUDE OIL TO FINISHED PRODUCTS

The Del Mar Energy project encompasses the construction and launch of a full-cycle oil refinery—from the intake of crude oil to the production of high-value refined petroleum products

KEY STAGES OF THE CYCLE



Crude oil intake and preparation

Removal of mechanical impurities and water before processing



Atmospheric distillation

Separation of crude oil into fractions—from light hydrocarbons to heavy fuel oil



Advanced processing (cracking, reforming)

Maximizing yields of gasoline, diesel, and aviation kerosene



Purification and stabilization

Elimination of sulfur, water, and other impurities to meet international quality standards



Distribution and logistics

Finished products are delivered to export markets or domestic downstream facilities

DEL MAR ENERGY'S ROLE IN THE PROJECT

- Designing and constructing the refinery with a focus on logistical accessibility and export potential
- Establishing agreements with raw material suppliers and end-product consumers
- Providing engineering oversight and technical supervision throughout construction and commissioning phases

INDUSTRY ADVANTAGES

Increased share of domestic crude oil refining

Reduced reliance on foreign refineries
and associated logistics costs

Creation of a closed-loop
production system with high
added value

Del Mar Energy is not just the initiator of the refinery's construction—it is a strategic player across the entire hydrocarbon refining value chain. Through integration into both upstream and midstream operations, the company oversees the full journey of crude oil, from extraction to final product output

DEL MAR ENERGY IN THE REFINING VALUE CHAIN

REFINING PROCESSES AND THE IMPORTANCE OF FEEDSTOCK

A modern oil refinery is a highly integrated system of technological processes designed to maximize the extraction of valuable fractions from crude oil. Properly selected feedstock and process configurations enable deeper conversion rates and higher product quality

CORE STAGES OF OIL REFINING

Atmospheric distillation – initial separation of crude into fractions (naphtha, kerosene, diesel)

Vacuum distillation – extraction of heavy residues for further cracking

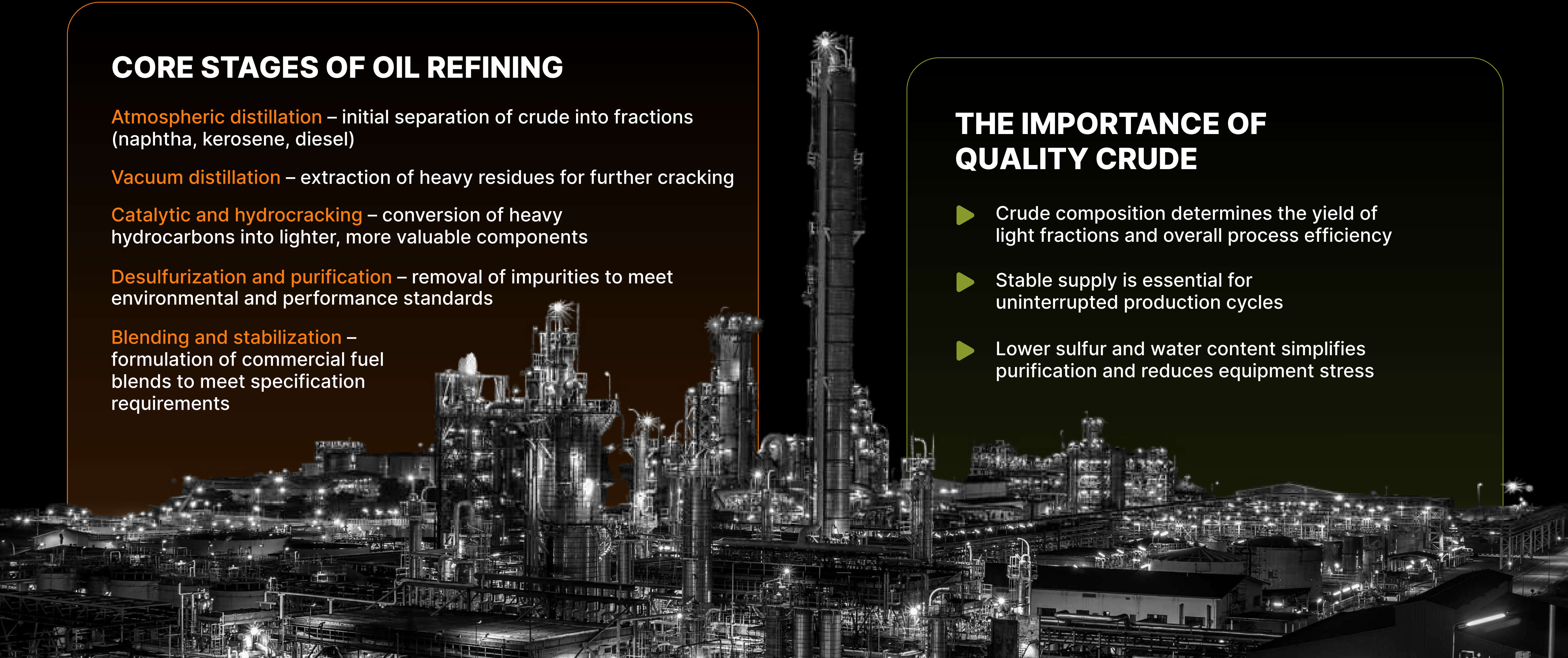
Catalytic and hydrocracking – conversion of heavy hydrocarbons into lighter, more valuable components

Desulfurization and purification – removal of impurities to meet environmental and performance standards

Blending and stabilization – formulation of commercial fuel blends to meet specification requirements

THE IMPORTANCE OF QUALITY CRUDE

- ▶ Crude composition determines the yield of light fractions and overall process efficiency
- ▶ Stable supply is essential for uninterrupted production cycles
- ▶ Lower sulfur and water content simplifies purification and reduces equipment stress





DEL MAR ENERGY IN THE GLOBAL OIL REFINING SUPPLY CHAIN

Del Mar Energy is more than just a participant in the oil sector — it is a strategic supplier of feedstock and an operator that ensures the continuous operation of refining and distribution networks. With its own logistics infrastructure and strong partnerships, the company plays a key role in developing efficient oil refining systems

The company's role in the value chain

- Long-term contracts for low-sulfur crude oil, optimized for deep conversion
- Transportation of feedstock via domestic and export routes: pipelines, railroads, and marine terminals
- Participation in the construction of refining capacity and storage systems
- Integration with export channels for fuels and intermediates

Del Mar Energy's advantages

- Reliable supply volumes backed by long-term agreements
- Flexible logistics with rapid route reconfiguration when needed
- Crude supply meets strict environmental and technical standards
- Support in launching and upgrading refineries for both public and private sector projects



KEY TECHNOLOGY TRENDS

Deep conversion

maximizes recovery of valuable fractions (fuels, petrochemicals) while minimizing residual waste.

Catalytic cracking and hydrotreating

ensure production of clean, spec-compliant fuels

Integration with petrochemicals

enables transformation into plastics, synthetic fibers, and other high-margin materials

Byproduct utilization

recovery of heat, sulfur, gases, and sludge to boost overall efficiency

INNOVATION IN OIL REFINING: FROM RAW FEEDSTOCK TO HIGH- EFFICIENCY PRODUCTS



Modern oil refining is a high-tech process built on operational flexibility, deep conversion, and adherence to environmental standards. The quality of the crude feedstock directly impacts not only output volume, but also the quality and value of the final products

IMPORTANCE OF FEEDSTOCK QUALITY

Low sulfur content reduces both treatment costs and emissions

Consistent composition allows for streamlined processing and higher conversion rates

Crude oil from Del Mar Energy meets modern refinery standards, enabling stable and optimized operations

Petroleum products market: trends and growth drivers

CURRENT MARKET LANDSCAPE

- ▶ Global demand for refined products exceeds **100 million** barrels per day
- ▶ Key consumers include transportation (**over 50%**), industry, and power generation
- ▶ The U.S., China, and India lead in global refining capacity

OUTLOOK FOR DEVELOPMENT

- ▶ Refining capacity is expected to grow by **15–20% by 2030**
- ▶ Support for domestic refineries is becoming a key element of energy independence
- ▶ Investment in modernization and environmental upgrades is on the rise

KEY MARKET TRENDS

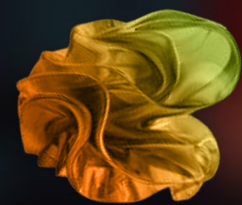
- ▶ Rising consumption of jet fuel and diesel due to recovery in global logistics
- ▶ Petrochemicals are taking up a larger share of refining output
- ▶ Stricter environmental regulations are accelerating the shift to low-sulfur, cleaner fuels
- ▶ Demand is growing for flexible, mobile, and modular refineries in developing economies

The oil refining industry plays a central role in global energy and industrial security. The quality and volume of refined petroleum products directly impact the stability of economies, transportation systems, and manufacturing sectors worldwide

THE INTELLIGENT REFINING CYCLE: FROM CRUDE TO HIGH-MARGIN PRODUCT

Modern oil refining is no longer just a physical-chemical process—it is a digitalized production system built on precision, adaptability, and operational flexibility

Digitization and process automation



Use of digital twins to forecast product yield and quality



Predictive maintenance reduces downtime and equipment failure



Integrated control systems synchronize production with logistics and sales to align with real-time demand

Flexibility and specialization

- ▶ Rapid reconfiguration of processing units to prioritize output—from jet fuel to bitumen
- ▶ Production of niche and low-sulfur fractions that meet the latest international standards
- ▶ Automated adjustment of crude-to-additive ratios to optimize cost-efficiency

The role of the crude supply base

- ▶ Crude quality directly affects light product yields and refining depth
- ▶ A consistent and reliable crude stream is essential for refinery profitability
- ▶ Direct contracts with extraction companies help reduce supply chain risks

THE U.S. REFINING INDUSTRY

The United States remains a global leader in oil refining, driven by advanced technologies, a mature infrastructure, and strong domestic demand



Industry structure and key facts

- **OVER 130**
operational refineries across the U.S.
- More than
17 MILLION
barrels processed daily
- **UP TO 40%**
of capacity is concentrated
along the Gulf Coast



Core strengths of the American system

- Mature infrastructure: pipelines, ports, and storage facilities
- High level of automation and digital process control
- Centralized safety protocols and resilient supply chain measures

Government support and investment

- Modernization programs focused on emission reductions
- Backing for clean fuel production initiatives
- Incentives for domestic energy independence and import substitution projects

Why it matters for partners

- Access to a stable, high-demand market
- Eligibility for government contracts and secured consumption volumes
- Integration into long-term supply chains and strategic industrial ecosystems

GLOBAL COMPETITION IN OIL REFINING

The global oil refining market is under increasing pressure—competition is intensifying, environmental regulations are tightening, and modernization costs continue to rise

Key industry challenges

- Rising energy and feedstock prices
- Stricter emissions and safety regulations
- Evolving demand structure driven by the energy transition

Competitive landscape

- ▶ Asian refineries are expanding capacity but remain dependent on unstable supply chains
- ▶ Europe is scaling back refining volumes due to climate obligations
- ▶ The U.S. is focusing on technology upgrades and boosting exports

Del Mar Energy's strategic advantages

- Reliance on domestic resources and direct supply channels
- Flexible processing of various crude grades — from light to heavy
- Integration with aviation and alternative fuel production projects
- Strong logistics and proximity to major export terminals



What deep conversion means



- ✦ Higher yield of light petroleum products (diesel, gasoline, jet fuel)
- ✦ Minimal production of heavy residuals like fuel oil
- ✦ Use of advanced units such as cracking, hydro-treating, reforming, and isomerization

Why it matters



- ✦ Growing demand for high-octane fuels and petrochemical components
- ✦ Stricter environmental standards and bans on heavy fuels in many countries
- ✦ Greater profitability per ton of crude processed

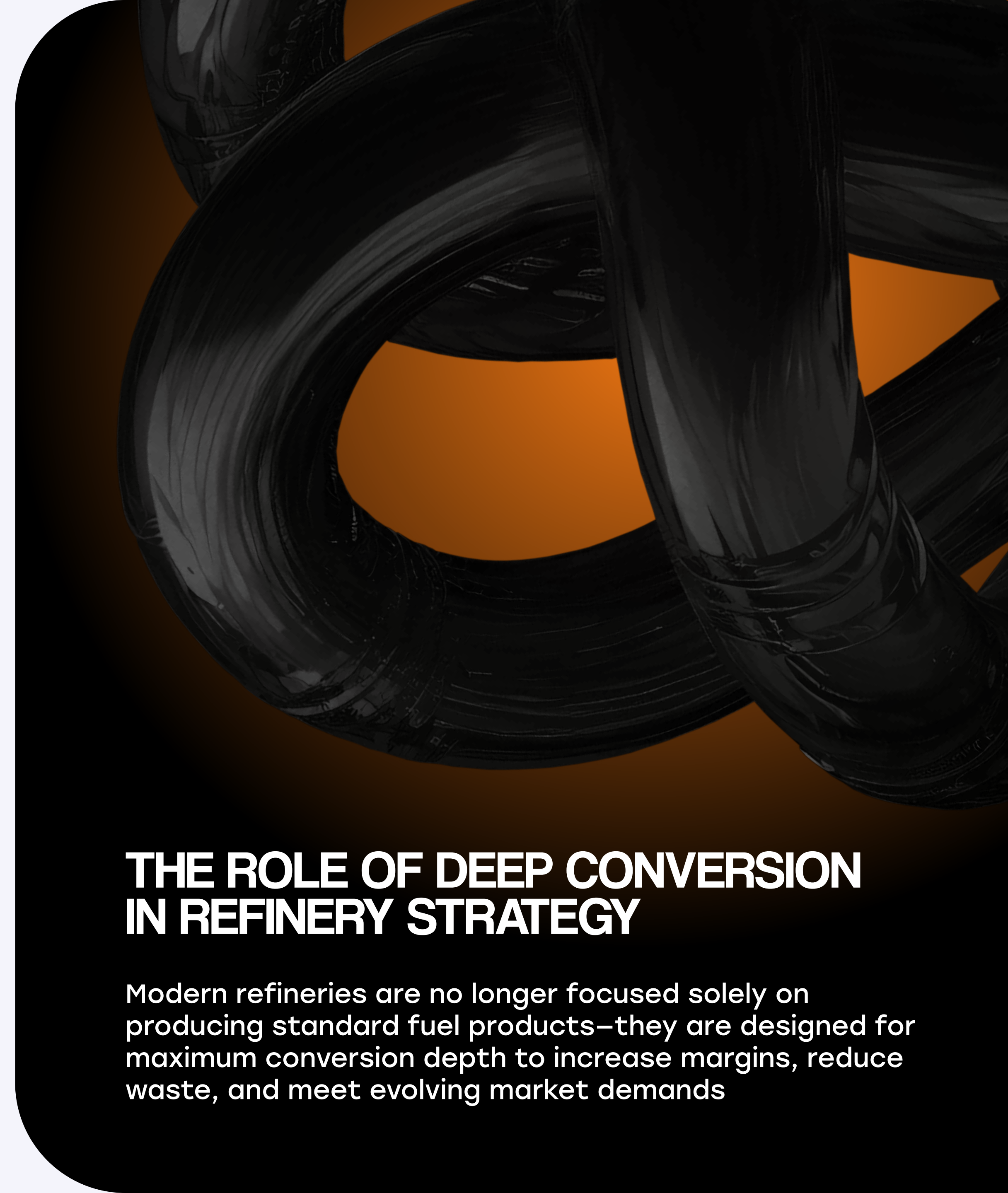
Implementation at Del Mar Energy's refinery



- ✦ Plant configuration is built for high-depth conversion
- ✦ Priority on jet fuel and diesel component production
- ✦ Heavy residues are minimized to the lowest possible levels

THE ROLE OF DEEP CONVERSION IN REFINERY STRATEGY

Modern refineries are no longer focused solely on producing standard fuel products—they are designed for maximum conversion depth to increase margins, reduce waste, and meet evolving market demands



THE VALUE CHAIN: FROM EXTRACTION TO HIGH-MARGIN PRODUCT DELIVERY

Refining is not a standalone operation—it is part of a vertically integrated value chain that starts with crude extraction and ends with the delivery of premium petroleum products to both domestic and international markets



THE FUTURE OF OIL REFINING

A modern refinery is more than a production site—it's a high-tech platform built to meet today's environmental and digital standards. The construction of a new facility allows for the integration of forward-looking solutions designed to address the challenges of the coming decades

Environmental standards (ESG)

- ▶ Vapor recovery units and closed-loop water treatment systems
- ▶ Emission reduction through deep conversion and use of low-sulfur crude
- ▶ Infrastructure for the safe storage and transport of petroleum products

Process automation

- ▶ Centralized digital control system for operations and logistics
- ▶ Predictive monitoring and remote diagnostics for enhanced reliability
- ▶ Full integration with Del Mar Energy's enterprise IT platform

Strategic logistics

- ▶ Proximity to major transportation hubs (rail and ports)
- ▶ Flexible delivery options for domestic and international distribution
- ▶ Planned throughput capacity of up to 180,000 barrels per day



**Del Mar
Energy Inc.**

DEL MAR ENERGY'S ROLE IN SUSTAINABLE OIL REFINING

Del Mar Energy isn't just building a new refinery—we're shaping the infrastructure of the future. Our mission is to deliver efficient, environmentally responsible, and technologically advanced oil processing, aligned with long-term ESG standards and industry transformation

Environmental responsibility

- Next-generation wastewater treatment facilities integrated into the project
- Use of low-sulfur crude oil in line with international regulations
- Waste recycling and resource recovery systems built into operations

Innovation and digitalization

- Automation of core production areas
- AI-powered systems for managing raw material flow and product quality
- Digital product passports including carbon footprint tracking

Social and regional development

- Job creation and regional infrastructure development
- Educational initiatives and workforce training programs
- Partnerships with local communities and support for a business ecosystem around the project





Key areas of environmental optimization

EMISSIONS REDUCTION

Desulfurization and hydrocarbon neutralization technologies, vapor recovery systems, and VOC emissions monitoring

WATER RECYCLING AND DISCHARGE MINIMIZATION

Closed-loop water systems, advanced wastewater treatment, and reuse of process liquid

BYPRODUCT UTILIZATION

Conversion of sludge, sediment, and gases into fuel, fertilizers, or raw materials for chemical manufacturing

ENVIRONMENTAL TRANSFORMATION IN OIL REFINING

Modern refinery construction is guided by the principles of sustainable development. The Del Mar Energy project integrates environmental standards across every stage—from crude oil preparation to final product output

ESG CERTIFICATION AND ENVIRONMENTAL TRANSPARENCY

The project adheres to ISO, API, and internal partner standards for full compliance and sustainability disclosure

INVESTMENT POTENTIAL OF OIL REFINING AMID THE GLOBAL ENERGY TRANSITION

The oil refining sector continues to show strong demand and profitability, even as the world shifts toward decarbonization. The primary driver remains the need to process crude oil into fuels, chemicals, and technical products essential to the global economy

► Stable demand for refined products

Diesel, gasoline, jet fuel, technical oils, and paraffins remain critical for transportation, aviation, energy, and chemical industries

► Increased margins through integration

Combining refining with logistics, terminals, and retail supply chains boosts profitability across each stage

► Flexibility during the energy transition

Modernized refineries can adapt to produce bio-components, reduce sulfur output, and prepare for hydrogen-based technologies

► Low competition in new refinery construction

As aging infrastructure declines and standards tighten, modern facilities face minimal competition—giving new projects a strategic advantage

Investor outlook

- Estimated returns starting at 20% annually
- Demand from both government and private sectors
- Long-term contracts and high levels of investment protection



**Key factors driving
investment appeal**

INVESTMENT OFFER

By opening a deposit with the minimum allowed amount of \$450,000, your balance will grow to



\$1,846,275 in just **201 DAYS**

Term: 201 days

ROI: 412.05%



DEL MAR ENERGY INC.

- ✦ is an american holding company primarily focused on the extraction, processing, and sale of oil
- ✦ Having started out with just a few oil rigs in 2002, we began developing and manufacturing with our own technologies in 2012
- ✦ The company also engages in electricity production and distribution; manufacturing, repairing, and leasing electromechanical equipment; designing and constructing wind, solar, and geothermal power plants; extracting coal and gas; and developing oil and gas infrastructure

91%

of our products are
exported to more than
40 countries worldwide

LEADERSHIP TEAM



MICHAEL LATHAM

Founder/CEO

Michael Latham is the founder and CEO of Del Mar Energy. He established the holding company in 2002 in Texas, successfully building and growing industrial sectors



NICK KAUFMAN

COO (Chief Operating Officer)

Nick has served as COO since 2018. A Texas native and graduate of the University of Massachusetts, Nick initially worked in law. He first encountered Del Mar Energy in 2013 and officially became a partner in 2018. Nick introduced many of the modernized technologies now used in production



STEFAN RUSSO

CIO (Chief Information Officer)

Stefan started his internship at Del Mar Energy in 2016. In less than five years, he advanced from intern to company director



THOMAS LIEBERMAN

CMO (Chief Marketing Officer)

Born in 1984 in Nevada, Thomas studied at a local university before moving to New York in 2006 to work in marketing and public relations. He began collaborating with Del Mar Energy in 2011. Prior to joining the company, Thomas worked on promoting brands such as P&G, Gillette, and General Motors