

# **OIEC 2021**



**Oil Industries Engineering  
and Construction Group**

گروه مهندسی و ساختمان صنایع نفت  
(اویک)



**A Group  
of Experts;  
A Chain  
of Values**

**گروه اویک؛  
پیشرو در توسعه  
صنایع نفت، گاز و پتروشیمی**

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08

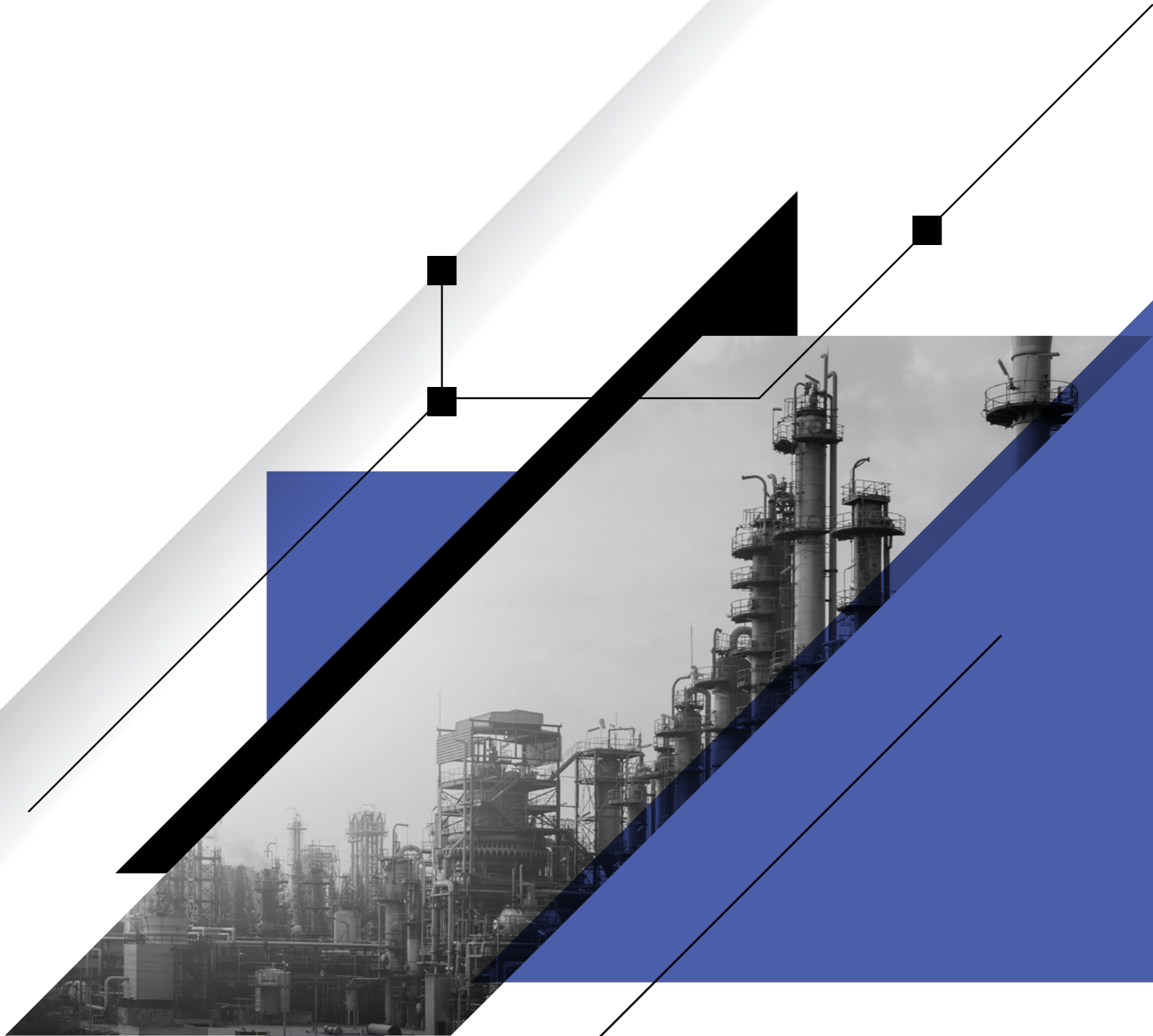
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- Sustainability
- HSEQ
- Human Capital
- Knowledge Management
- Social Responsibility



معرفی شرکت

# OIEC History

- OIEC at a Glance
- Evolution in OIEC

## OIEC at a Glance

OIEC Group is a leading general contractor (GC) in Engineering, Procurement, and Construction (EPC) projects, with a particular focus in Iran's Oil and Gas industry. OIEC has been operating nationwide for over three decades with a committed workforce to the success of our clients. OIEC resume shines with completed about 450 million man-hours of work in more than 140 projects with capability of rendering a wide range of upstream and downstream services, from design and engineering to commissioning and startup operation in both onshore and offshore projects. Today, not only does OIEC deliver projects and expertise as a GC company, but also is considered as one of the most competent companies to be involved in Exploration and Production (E&P) in Iran. The future of OIEC looks bright, and we are building sustainable values to become a world-class company which resulted in OIEC being selected among the top 30 EPC contractors of 2020 according to Oil & Gas Middle East's annual list.

### نقش آفرینی گروه اویک در حوزه اکتشاف و تولید

افزون بر سه دهه حضور مقتدر و حرفه‌ای  
با سابقه انجام حدود ۴۵۰ میلیون نفر ساعت کار  
در بیش از ۱۴۰ پروژه پایین دستی و بالادستی  
در صنایع نفت، گاز و پتروشیمی کشور

کسب جایگاه **بیستم**  
در میان ۳۰ پیمانکار برتر EPC خاورمیانه





ارزش‌های کلیدی

## Core Values

- Sustainability
- HSEQ
- Human Capital
- Knowledge Management
- Social Responsibility

## Sustainability

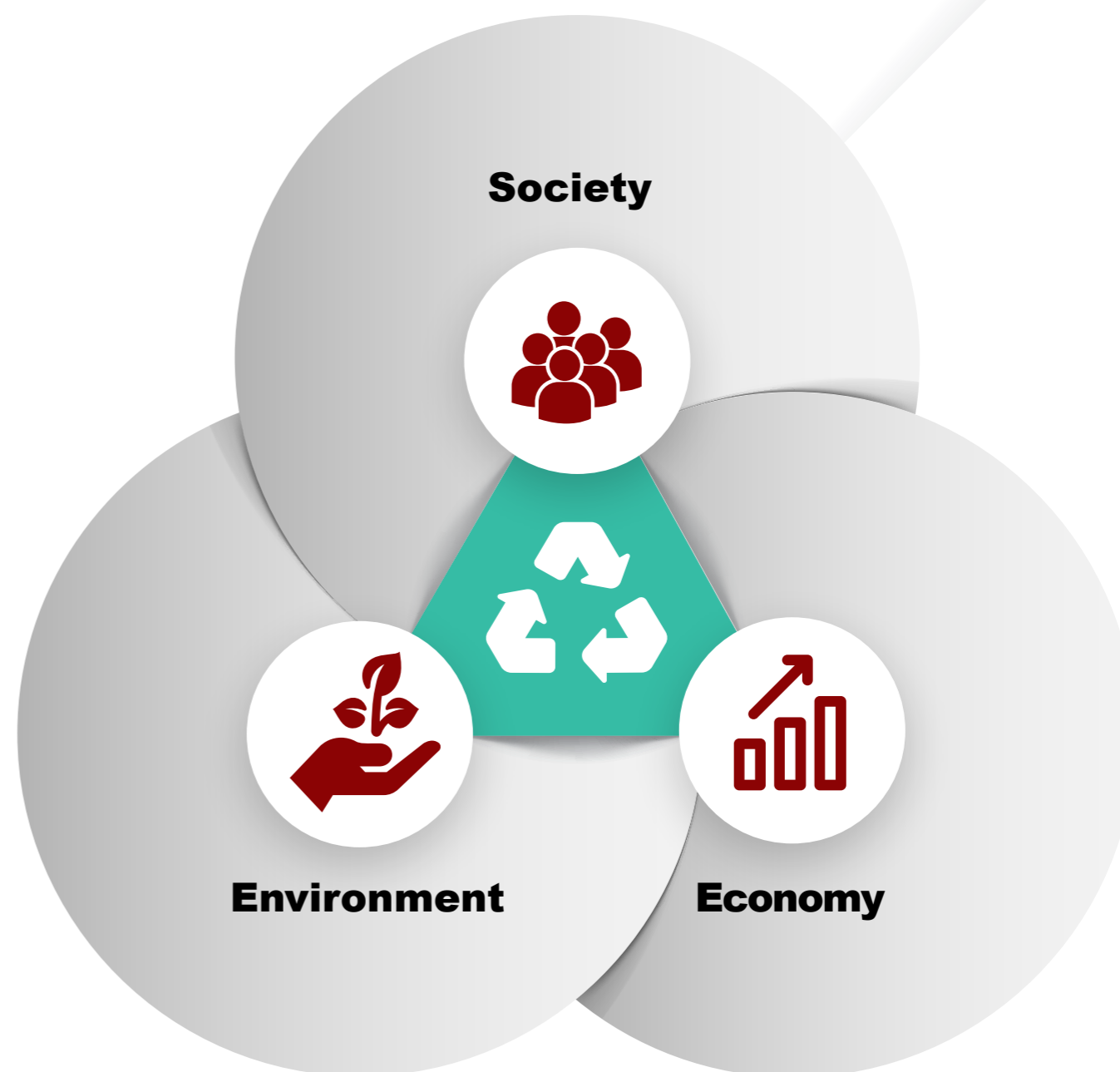
### We Think Ahead ...

### OIEC's Journey to Sustainability

At OIEC, loyal, clear and integrated business in line with laws and regulations is our committed goal. We also aim to advance our contribution to society, environment and economy with sustainable business strategy. We are looking forward to protect and sustain people and plant from major impacts by setting up a long-term sustainable business development strategy which builds up our future green.

شرکت اوپک همواره تلاش کرده است سهم به سزایی در قبال جامعه، محیط زیست و اقتصاد داشته باشد؛ لذا با تدوین یک استراتژی بلندمدت توسعه تجارت پایدار علاوه بر ترسیم آینده‌ای سبز، توانسته است شرایط را برای رشد و تعالی کارکنان و ساکنان مناطق همجوار پروژه‌ها فراهم کند.

گروه اوپک؛  
متعهد به عملکرد متوازن و توسعه پایدار





## HSEQ

### “HSE, not only a Priority but a Value...”

OIEC is fully committed to pro-actively managing Health, Safety and Environmental protection and acting in an ethical and socially responsible manner, in line with stakeholders' expectations. Our priority is to protect the health and safety of our people and public, to minimize the environmental impact associated with our activities, to assure positive effects and contribution to sustainable development. In this way, we aim to earn the confidence of our workforce, stakeholders and society at large and be a good partner in communities where we work.

### HSE؛ نه تنها یک اولویت بلکه یک ارزش است

گروه مهندسی و ساختمان صنایع نفت، با رعایت الزامات HSE، تلاش می‌کند ضمن نهادینه کردن فرهنگ خسارت صفر، با اقدامات ایمن و با کیفیت، از هرگونه آسیب به سرمایه‌های انسانی، محیط زیست و جامعه پیرامون جلوگیری کند.

## Our Ambition Is to Rank Top Three

Everyone who works for us, or with us, has a proactive role to play in making OIEC a safer place to work.

Our facilities are well designed, safely operated and properly maintained to prevent adverse impacts.

We utilize the suppliers and contractors to ensure our products and deliveries are safe and sound.

We voluntarily have contributions to reputable NGOs in Wildlife and Ecosystem research projects.

We keep transparency and track our HSE performance towards continuous improvement.

— TRIR reduction of 14% compared with the average for the previous five-year period.

— Conducting HSE training courses: More than 220,000 man-hours for the last five years.

HSE Maturity Award Certificate from European Association for Green Management proves our determination to abide by our commitments.

کسب نشان بلوغ HSE (سطح رشدیافته) از انجمن مدیریت سبز اروپا در سال ۱۳۹۶

### “Quality insures our sustainable future...”

A risk-based, process approach and well implemented management systems assures the business goals are met. In this regard, OIEC has established an Integrated Management System based on the requirements of the international standards such as ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO/TS 29001:2010 and ISO/TS 29990:2010.

We monitor to achieve continual improvement and acquire the knowledge to strengthen our business and obtain our client satisfaction.



## Human Capital

The true value of any technology driven is its professional staff. We are fully aware that the experience and knowledge of more than 2,000 personnel, selected from the most qualified experts, is the basis of our success.

Therefore, the empowerment and training of our people is a core value for us and is considered as the most beneficial investment of the company. An annual 30 percent rate of growth in man-hours of training in recent years is a true proof of this approach at OIEC.

All these endeavors and plans have led to significant achievements, such as gaining a high rank in prestigious national HR management audits and awards.

اصلی‌ترین مزیت  
رقابتی برای هر شرکت  
فعال در صنعتی فناورانه  
و دانش محور، منابع انسانی  
متخصص و خبره است. ما نیز  
تجربه و دانش بیش از ۲۰۰۰ نفر  
نیروی انسانی خود را، بزرگترین سرمایه و  
کلید اصلی موفقیت گروه می‌دانیم؛ آموزش  
و توانمندسازی کارکنان یک ارزش محوری برای ما  
است و می‌کوشیم که آن را پرسودترین سرمایه‌گذاری  
مجموعه بدانیم.





## Knowledge Management

Willing to be a Knowledge-Based Corporation

Knowledge is the most valuable asset in any company. OIEC as one of the best oil and gas companies with a rich background has vast and valuable amount of knowledge in management and practical fields.

We have recognized the importance and necessity of knowledge management in continuous development and believe managing knowledge with a spiral cycle and focusing on intellectual capitals with appropriate enablers can create added value for the company. We started official processes of Knowledge Management in 2009 and by surveying the results we are improving them every year. We take advantage of 4 integrated systems supporting our Knowledge Management processes. Expanding the scope of corporate knowledge management and surveying Knowledge Management status has led us to pay more attention on creating knowledge from organizational data by data mining since 2015. OIEC Group participated in global knowledge management evaluation, Most Admired Knowledge Enterprise Award (MAKE), where OIEC was ranked among top five Iranian companies in 2012, 2015 and 2016.

گروه اوپیک طی سال‌های گذشته پروژه جامعی را برای طراحی و راه‌اندازی سیستم مدیریت دانش اجرا نموده است. همچنین این شرکت به منظور ارزیابی جایگاه فعلی و بهبود آن از طریق مقایسه خود با شاخص‌های جهانی و تجارب برتر در حوزه مدیریت دانش، در جایزه جهانی سازمان دانشی برتر (MAKE) شرکت کرده و موفق شده است در جمع پنج شرکت برتر ایران قرار گیرد.



## Social Responsibility

OIEC Group is focusing its responsibilities on environment, people and society as a critical factor to be able to continue operating effectively. We believe that communicating with the people who are affected by our operations is greatly important. To achieve this, we were able to deliver what we promised such as building schools in Assaluyeh and Shoush.

ما با حفاظت از محیط زیست، حمایت از ارتقاء سطح آموزش، بهبود ساختارهای اقتصادی و اجتماعی و همچنین اشتغال‌زایی در مناطق عملیاتی، تلاش کرده‌ایم به تعهد و مسئولیت خود در قبال جامعه و محیط پیرامون پایبند باشیم. در همین راستا شرکت اوپیک اقدام به ساخت مدرسه شبانه‌روزی پسرانه ۹ کلاسه در بخش الوان شهرستان شوش کرده است.



توانمندی در مدیریت جامع پروژه‌ها  
از مهندسی مخازن تا بهره‌برداری در  
هر دو حوزه بالادستی و پایین دستی



خدمات و پروژه‌ها

## Services and Projects

- Major Upstream Projects  
(Onshore & Offshore)
- Major Downstream Projects

## From Bottom of the Seas to Refineries

گروه اوپک توانسته است با ارائه مجموعه کاملی از فعالیت‌ها در حوزه بالادست شامل توسعه میادین خشکی، دریایی و ارائه خدمات در حوزه اکتشاف و حفاری و همچنین انجام خدمات پالایشگاهی نفت و گاز، مجتمع‌های پتروشیمی، NGL و خطوط لوله در حوزه پایین دست، در خودکفایی ملی این صنعت سهمیم باشد.

از اعماق دریاها تا سطح پالایشگاه‌ها؛  
زنجیره کاملی از خدمات مهندسی تا  
بهره‌برداری



### Upstream

Developing Onshore and Offshore fields by providing Upstream Services including:

- Exploration Studies such as MDP Preparation
- Geology, Petro-Physics and Geophysics Services
- Drilling Completion & Well Services
- Commissioning and Startup
- Operation

### Downstream

Projects Management, Engineering, Procurement, Construction, Commissioning, Start-up and Operation of:

- Oil and Gas Refineries
- NGL Plants
- Petrochemical Plants
- Oil and Gas Pipelines
- Terminal and Storage Facilities

### Ongoing Projects

- ▶ Dehloran Petrochemical Complex
- ▶ Dehloran Compressor Station
- ▶ NGL 3100
- ▶ Kian Olefin Plant
- ▶ Mansouri Oil Field
- ▶ Ramshir Oil Field
- ▶ Consultancy of EPD/EPC Portfolio
- ▶ Gachsaran High Density Polyethylene Plant
- ▶ Qeshm Oil Terminal
- ▶ Kangan PDH Complex

### Major Delivered Projects

#### Oil Fields Development:

- ▶ Azar Oil Field Development

#### Gas Fields Development:

- ▶ South Pars Gas Field Development - Phases 20 & 21
- ▶ South Pars Gas Field Development - Phases 17 & 18
- ▶ South Pars Gas Field Development - Phases 9 & 10

#### Design and Construction of Different NGL Plants:

- ▶ Sirri Island Gas Gathering and NGL Recovery
- ▶ NGL 1200
- ▶ NGL 1300
- ▶ NGL 1500

#### Design and Construction of Different Plants Such As:

- ▶ Bandar Abbas Oil Refinery
- ▶ Isfahan Oil Refinery
- ▶ Shazand Oil Refinery

#### Design and Construction of Different Units of:

- ▶ Shahid Tondgooyan Petrochemical Complex
- ▶ Amir Kabir Petrochemical Complex
- ▶ Tabriz Petrochemical Complex
- ▶ Khorasan Petrochemical Complex
- ▶ Marun Petrochemical Complex
- ▶ 6 Gas Compressor Stations on IGAT III
- ▶ S3 and S6 Gas Compressor Stations
- ▶ Karanje Parsi Compressor Stations 600 and 700

## Upstream Projects (Onshore & Offshore)

نقش مهم اوپیک، در توسعه نسل جدید  
میادین نفت و گاز کشور

### Upstream-Onshore

#### A Significant Role in Developing Shared Oil and Gas Fields

Developing shared oil and gas fields is a national commitment and OIEC Group is proud to play an outstanding role in it which proves our capabilities to meet the social and national demands.

### Azar Oil Field Development

Founded in 2012 as a project company, Sarvak Azar Engineering and Development (SAED) held the responsibility to develop Azar Joint Oil Field. With shares of OIEC and Ahdaf Investment Company, SAED relies on local expertise and experience to develop one of the most complicated fields in the world.

SAED has already met his commitment to produce 30,000 BOPD as planned and now successfully has increased production to his contractual commitment, 65,000 BOPD. Having proven his capabilities, SAED is currently ready to continue the field development through IPC to reach 100,000 BOPD.

طرح توسعه میدان مشترک نفتی آذر که در کشور همسایه، عراق به عنوان میدان "بدرا" شناخته می‌شود، یکی از پروژه‌های اولویت‌دار وزارت نفت است که در زمینی به مساحت ۷۸ کیلومتر مربع اجرا شده است.

هدف نهایی این طرح، تولید روزانه ۶۵ هزار بشکه نفت خام از این میدان محقق شده است. در توسعه این میدان از تکنولوژی‌های نوین و بومی‌سازی آنها در قسمت‌های حفاری، تکمیل چاه، بهره‌برداری و تولید از چاه‌های آن بهره گرفته شده است. همچنین رکورد بیش از ۷۳ میلیون نفر ساعت کار بدون حادثه با وجود مخاطرات غیرقابل قیاس در کارنامه این طرح ثبت شده است.

<b>Location</b>	Ilam / Iran
<b>Client</b>	Petroleum Engineering and Development Company
<b>OIEC Scope</b>	<ul style="list-style-type: none"><li>▶ Drilling and Completion of 19 wells</li><li>▶ Installing central processing facilities with capacity of 71,500 BOPD and gas transferring with capacity of 78 MMSCFD</li><li>▶ Construction of 190 km of 16" pipeline for oil transferring to Cheshmeh Khosh transferring line</li><li>▶ Construction of 129 km of 16" pipeline for gas transferring to Dehloran (NGL 3100)</li><li>▶ Construction of 58 km of 16" pipeline for oil transferring from Dehloran to the beginning of Cheshmeh Khosh transferring line</li><li>▶ Construction of flow lines for 17 wells</li><li>▶ Construction of residential facilities</li></ul>
<b>Product</b>	Crude Oil: 65,000 BOPD

### میدان نفتی آذر، سرکش‌ترین و پیچیده‌ترین میدان مشترک نفتی ایران





### Mansouri Oil Field (Ongoing)

Mansouri Oil Filed located in Southwest of Iran discovered in 1963. The oil production of this field is about 55,000 barrels per day and the gas production, about 60 million cubic feet per day.

میدان نفتی منصورى که در جنوب غربى اهواز واقع شده است، در سال ۱۳۴۲ کشف و تولید از این میدان از سال ۱۳۵۳ آغاز شد. در سال ۱۳۹۷، شرکت ملی مناطق نفت خیز جنوب طرح نگهداشت و افزایش برداشت از این میدان را در قالب طرح توسعه ۲۸ مخزن منتخب به شرکت اوپک واگذار کرد. ظرفیت تولید نفت خام میدان منصورى به طور متوسط معادل ۵۵ هزار بشکه در روز و ظرفیت گاز آن ۶۰ میلیون فوت مکعب در روز می باشد.

**Location** Khuzestan Province / Iran

**Client** National Iranian South Oil Company

**Description** Subsurface

- ▶ Drilling 14 Wells (Asmari)
- ▶ W.O. 7 Wells

Surface: Flow lines & Wellhead Facilities

- ▶ Construction of 2 New Well Pads
- ▶ Reconstruction of 12 Existing Well Pads
- ▶ 60 KM of 6" Flow lines & Gathering Manifold
- ▶ Construction of 14 New WHF
- ▶ Re-installation of WHF for 7 W.O. Wells

Surface: Processing Units & Pipelines

- ▶ Gas Compression Station
- ▶ Revamping of an Existing Process Facility including 3 Crude Oil Pump
- ▶ 35 KM of a 12" Gas Pipeline to NGL700/800
- ▶ 35 KM of a 16" Oil Pipeline to Ahvaz Booster Station
- ▶ Construction of power transmission lines of 132/33 KV upstream substation for new facilities
- ▶ 1 Turbo Pump
- ▶ Construction of water supply and water treatment facilities

ورود اوپک به عرصه دیگری از اجرای پروژه های بالادستی؛ با حضور در میادین نفتی منصورى و رامشیر



## Ramshir Oil Field (Ongoing)

Ramshir Oil Field located in Southwest of Iran discovered in 1963. The oil production of this field is about 55,000 barrels per day and the gas production, about 110 million cubic feet per day.

میدان نفتی رامشیر در ۱۴۵ کیلومتری جنوب شرق اهواز واقع شده است. این میدان در سال ۱۳۴۱ مورد اکتشاف قرار گرفت و اولین چاه آن در سال ۱۳۴۵ تولیدی شد. در سال ۱۳۹۷، طرح عملیات محور نگهداشت و افزایش تولید از میدان نفتی رامشیر از مجموعه ۲۸ مخزن منتخب و تحت مدیریت شرکت ملی مناطق نفت‌خیز جنوب به شرکت اویک واگذار شد. در حال حاضر ظرفیت تولید نفت خام این میدان به طور میانگین معادل ۵۵ هزار بشکه در روز و ظرفیت گاز آن ۱۱۰ میلیون فوت مکعب در روز است.

<b>Location</b>	Khuzestan Province / Iran
<b>Client</b>	National Iranian South Oil Company
<b>Description</b>	<p><b>Subsurface</b></p> <ul style="list-style-type: none"> <li>▶ 3 Production wells + 2 Water Disposal wells</li> <li>▶ 4 Production wells</li> <li>▶ W.O &amp; Completion of 2 wells for simultaneous production of Asmari &amp; Bangestan for the first time in Iran</li> </ul> <p><b>Surface: Flow lines &amp; Wellhead Facilities</b></p> <ul style="list-style-type: none"> <li>▶ Construction of 65 KM flow lines</li> <li>▶ Construction of 7 New Well Pads</li> <li>▶ Reconstruction of 3 Existing Well Pads</li> <li>▶ 3.7 KM of New Access Road</li> <li>▶ Construction of 9 New WHF</li> <li>▶ Re-installation of WHF for 2 W.O. Wells</li> </ul> <p><b>Surface: Processing Units &amp; Pipelines</b></p> <ul style="list-style-type: none"> <li>▶ Construction of production unit including:                             <ul style="list-style-type: none"> <li>• 1 new A&amp;B Operation unit (55,000 BBL)</li> <li>• 1 new A&amp;B Desalting unit (55,000 BBL)</li> <li>• A Gas Compression Station (110 MMSFD)</li> <li>• 20 KM of a 12" Oil Pipeline to Omidiye Booster</li> <li>• 2 KM of a 12" Oil Pipeline to Abadan Refinery</li> <li>• 34 KM of a 12" Gas Pipeline to NGL 300</li> <li>• 2 KM of a 8" Gas Pipeline to Ramshir Gas station</li> </ul> </li> </ul>



## South Pars Gas Field Development (Upstream - Offshore)

South Pars gas field is the largest independent gas reservoir in the world, located in the Persian Gulf next to Qatar's North Dome. These fields together cover an area of 9,700 square kilometers, of which 3,700 square kilometers belong to Iran. The Iranian portion is estimated to contain more than 14 trillion cubic meters of gas, as well as some 18 billion barrels of gas condensates. South Pars gas field could satisfy global gas demand for more than 10 years by itself. It accounts for roughly 9% of the worlds and half of Iran's gas reserves.

We are proud of our striking role in the development of such giant project, where we are involved as EPC contractor in developing 6 phases such as 9, 10, 17, 18, 20 and 21.

گروه مهندسی و ساختمان صنایع نفت عهده‌دار طراحی، ساخت و راه‌اندازی بخش خشکی فازهای ۹ و ۱۰، ۱۷ و ۱۸ در قالب کنسرسیوم و همچنین هر دو بخش خشکی و دریا فازهای ۲۰ و ۲۱ میدان بزرگ گازی پارس جنوبی بوده است که ایفای چنین نقشی در اجرای این پروژه‌های ملی، مایه افتخار این گروه است.

# رشد و بالندگی گروه اوپک در منطقه پارس جنوبی

- انجام مطالعات مفهومی، طراحی پایه و مهندسی تفصیلی فاز یک
- توسعه فازهای ۹ و ۱۰ پارس جنوبی با مشارکت GS کره جنوبی به صورت EPC
- توسعه فازهای ۱۷ و ۱۸ پارس جنوبی به صورت EPC
- توسعه فازهای ۲۰ و ۲۱ پارس جنوبی در هر دو بخش خشکی و دریا
- تکمیل حلقه آخر زنجیره خدمات گروه و ورود حرفه‌ای به حوزه راه‌اندازی و بهره‌برداری فازهای ۱۷ و ۱۸ - ۲۰ و ۲۱ پارس جنوبی
- توسعه فعالیت‌های حفاری و دکل‌داری با ایجاد شرکت‌های تخصصی
- آغاز عملیات اجرایی مجتمع الفین پتروشیمی کیان به صورت EPC
- آغاز عملیات اجرایی پروژه PDH کنگان به صورت EPC
- مطالعات جامع و مفهومی و تهیه طرح توسعه تمامی فازهای میدان گازی پارس جنوبی
- احداث واحد TGTU در پالایشگاه فازهای ۲ و ۳ پارس جنوبی به روش EPC
- مدیریت پیمان (EPC3) فاز ۱۲ پارس جنوبی
- مدیریت پیمان (MC) پالایشگاه خشکی فازهای ۲۲، ۲۳ و ۲۴ پارس جنوبی
- مهندسی پایه، تفصیلی، مهندسی خرید، یوتیلیتی و آفسایت، خدمات مهندسی کارگاهی
- واحد بازیافت اتان و نظارت بر پیش راه‌اندازی، راه‌اندازی، بهره‌برداری و تعمیرات پتروپالایش کنگان
- مطالعات امکان‌سنجی پالایشگاه جم و PDH کنگان
- مهندسی پایه و تفصیلی، خدمات مشاوره و مهندسی خرید واحد HDPE کنگان
- مهندسی پایه، تفصیلی و خدمات مهندسی خرید واحد شیرین‌سازی و بازیابی اتان پتروشیمی بوشهر
- طراحی پایه و خدمات مهندس خرید و تهیه Tender Package میعانات گازی سیراف
- طراحی پایه، مهندسی تفصیلی و خدمات خرید پروژه افزایش ظرفیت واحد الفین
- پتروشیمی آریاساسول
- تعمیرات و نگهداری پتروشیمی برزویه (نوری)، مروارید، پالایشگاه پنجم، پارسیان،
- فجر جم و زاگرس
- نگهداشت فنی Iran LNG
- تعمیرات و پشتیبانی کارگاه مرکزی عسلویه

### South Pars Gas Field Development (Upstream - Offshore)

## South Pars Phases 20 & 21

Development of South Pars phases 20 & 21 was awarded to OIEC both in onshore and offshore to produce 2MMMSCFD of natural gas by drilling 24 wells, installing 2 unmanned wellhead platforms and transferring the fluids to onshore refinery by two 32" subsea pipelines. The onshore facilities were developed on the basis of supplying treated lean gas to domestic network and ethane gas to nearby petrochemical complexes, LPG (propane and butane) for export and condensate for both export and domestic use. South Pars phases 20 & 21 was a significant mega gas project and OIEC Group gained exceptional experiences through designing, constructing and managing such project in onshore and offshore, upstream and downstream.

اجرای پروژه توسعه فازهای ۲۰ و ۲۱ پارس جنوبی که یک پروژه عظیم ملی به شمار می‌رود، تجربه و توانمندی کم نظیری برای گروه اویک محسوب می‌شود و بیانگر قابلیت‌های این گروه برای مدیریت، مهندسی و ساخت مگا پروژه‌ها در خشکی و دریا است. این پروژه بزرگ در سال ۱۳۹۶ به بهره‌برداری رسید.

**Location** Assalluyeh, Persian Gulf / Iran

**Client** Pars Oil and Gas Company (POGC)

**OIEC Scope**

- ▶ Engineering (FEED and detailed design)
- ▶ Procurement (supply of the equipment and bulk items, procurement services)
- ▶ Construction (site preparation, plant construction and erection)
- ▶ Topsides and subsea pipeline
- ▶ Drilling (production and appraisal wells)
- ▶ Commissioning (pre-commissioning, commissioning and start-up)

**Product**

- ▶ Natural Gas: 50 million m3 per day
- ▶ Stabilized Condensate: 80,000 barrels per day
- ▶ LPG: 1 million tons per year
- ▶ Ethane: 1 million tons per year
- ▶ Sulfur: 400 tons per day



# Shah Deniz Gas Field Development

OIEC was the first private Iranian oil and gas company which participated in an overseas consortium. As a %10 shareholder in Shah Deniz Gas Field Development, OIEC signed a PSA with the State Oil Company of Azerbaijan Republic (SOCAR) along with its six partners from different countries. Later, after the successful production phase, OIEC transferred its shares to Naftiran International Company (NICO).

شرکت اوپیک نخستین شرکت خصوصی ایرانی در حوزه نفت و گاز بوده که توانسته در یک کنسرسیوم بین‌المللی با شرکت‌های تراز اول بین‌المللی مشارکت نماید.



<b>Location</b>	Caspian Sea / Azerbaijan Republic
<b>Client</b>	State Oil Company of Azerbaijan Republic (SOCAR)
<b>Partners</b>	BP: 25.5% Statoil: 25.5% Total: 10% SOCAR: 10% LUKOIL: 10% OIEC: 10% TPAO: 9%
<b>Product</b>	▶ Natural Gas: 10 billion m3 per year ▶ Stabilized Condensate: 50,000 barrels per day
<b>Description</b>	▶ Seismic, 3D seismic acquisition ▶ Semi-submersible renovation ▶ Drilling (production and appraisal wells) ▶ Building a platform ▶ Topside and subsea pipeline ▶ Production ▶ Onshore and offshore facilities

**Upstream**  
Partnership  
with IOCs

## Soroush & Nowrouz Oil Fields Development

Soroush and Nowrouz are other fields in which OIEC as a ten percent shareholder has experienced partnership with international oil companies. Lead by Shell, the consortium was formed to produce 190,000 barrels per day of heavy crude from Soroush and Nowrouz oil field in Persian Gulf, Iran.

سروش و نوروز یکی دیگر از میدان‌های نفتی است که اوپک با داشتن ۱۰٪ از سهام آن، همکاری با شرکت‌های نفتی بین‌المللی را تجربه کرده است.

<b>Location</b>	Soroush Oil Field (80 Km southwest of Kharg Island) Nowrouz Oil Field (Northwest of Persian Gulf, 50 Km north of Soroush Oil Field)
<b>Client</b>	National Iranian Oil Company (NIOC)
<b>Partners</b>	Shell Exploration B.V: 70% JJI: 20% OIEC: 10%
<b>Product</b>	Crude oil: 190,000 barrels per day
<b>Description</b>	<ul style="list-style-type: none"><li>▶ 3D seismic acquisition</li><li>▶ Reservoir development and management plans</li><li>▶ Drilling 10 oil wells and 2 water depletion wells in Soroush Oil Field</li><li>▶ Drilling 17 new oil wells in Nowrouz Oil Field</li><li>▶ Topside and subsea pipeline</li><li>▶ Building 2 platforms</li><li>▶ Facilities design and construction</li><li>▶ Production</li><li>▶ Progress and Interpretation</li><li>▶ Construction and Installation</li></ul>



# Downstream Projects





### Kian Olefin Plant (Ongoing)

Kian Olefin project is awarded to OIEC Company in form of EPCC contract. Kian Petrochemical Complex (KPC) is aimed to be one of the largest petrochemical complexes (consisting of an Olefin plant) located at Pars Special Economic Energy Zone, Phase 2, Assaluyeh, Iran.

KPC is planned to receive feedstock (2,506 KTA) (including Ethane, C5+ Condensate, Propane, Butane and C3+ Olefin Components) from South Pars Gas Refinery Complex and the other petrochemical companies located at South Pars Petrochemical Zone.

Linde Engineering has performed Front-End Engineering Design "FEED" for the Plant based on the process design packages received from technology providers and LINDE's Know How.

This plant comprises the Olefin Unit, Butadiene Unit, Benzene Extraction Unit and HDA Unit and all associated process units, the required utilities & offsite units, common facilities and interconnections within the battery limit of the plant.

اجرای پروژه الفین کیان به عنوان یکی از بزرگترین پروژه‌های الفین کشور، در قالب قرارداد EPCC در سال ۱۳۹۷ به گروه اویک واگذار شد. خوراک ورودی این مجتمع که در فاز ۲ منطقه ویژه اقتصادی پارس جنوبی در عسلویه واقع شده است، از پالایشگاه‌های گازی و سایر مجتمع‌های پتروشیمی منطقه تأمین شده و محصولات نهایی آن، خوراک واحدهای پایین دستی را تأمین می‌کند.

**Location** Assaluyeh, Persian Gulf / Iran

**Client** Kian Petrochemical Company

**OIEC Scope**

- ▶ Review and completion of FEED PACKAGE
- ▶ Performing Detail Engineering package
- ▶ Supply and delivery of equipment
- ▶ Performing the construction, erection, pre-commissioning, commissioning, start-up, Performance TEST(s)
- ▶ Supervision of operation of the plant and Training

**Product**

- ▶ Ethylene: 1,260 KTA
- ▶ Propylene: 327 KTA
- ▶ Butadiene: 186 KTA
- ▶ Benzene: 207 KTA
- ▶ Hydrogen: 1.6 KTA
- ▶ Fuel Oil: 71 KTA



### Downstream Petrochemical Plants

## Dehloran Petrochemical Complex (Ongoing)

Dehloran petrochemical project was awarded to OIEC in 2018. This project is in the vicinity of Iraq border (230 kilometers south of the provincial capital of Ilam in western Iran) and is designed to produce Ethylene, Propylene, Pyrolysis Gasoline and Fuel Oil. NGL 3100, an under-development venture to collect associated petroleum gases from oilfields in Ilam, will feed Dehloran petrochemical plant with natural gas.

مجتمع پتروشیمی دهلران که در کیلومتر ۲۲ جاده دهلران به اندیمشک در منطقه دشت اکبر واقع شده است، در سال ۱۳۹۸ به سبد پروژه‌های شرکت اویک افزوده شد. احداث واحد الفین به منظور تولید محصولات اتیلن، پروپیلین، بنزین پیرولیز و نفت سنگین و همچنین ارسال اتیلن تولیدی به خط لوله اتیلن غرب، در شرح کار این پروژه قرار گرفته است.

<b>Location</b>	Dehloran (Ilam Province) / Iran
<b>Owner</b>	Ahdaf Investment Company
<b>Client</b>	Dehloran Petrochemical Company
<b>OIEC Scope</b>	EPCC
<b>Feed</b>	1,055 KTA of C2+ from NGL3100
<b>Product</b>	<ul style="list-style-type: none"><li>▶ Ethylene: 622 KTA</li><li>▶ Propylene: 143 KTA</li><li>▶ Pyrolysis Gasoline: 55 KTA</li><li>▶ Fuel Oil: 6.6 KTA</li></ul>



### Downstream Petrochemical Plants

## Dehloran Petrochemical complex has three subprojects as per below.

پروژه پتروشیمی دهلران شامل ۳ زیرپروژه؛ پروژه خط لوله انتقال محصول اتیلن، پروژه تامین برق و پروژه آبرسانی به مجتمع پتروشیمی دهلران است.

## Ethylene Pipeline Project

**Location** Dehloran (Ilam Province) / Iran

**Owner** Ahdaf Investment Company

**Client** Dehloran Petrochemical Company

**OIEC Scope** EPCC

**Description**

- ▶ Providing the possibility of running the excessive ethylene gas produced from olefin unit into the west ethylene pipeline and the capability of launching all ethylene gas produced in the Olefin unit and receiving the minimum feed of HDPE unit during Olefin unit shut down period.
- ▶ Construction of a 105km pipeline from Dehloran Petrochemical plant to Andimeshk LBV station
- ▶ Pipeline Capacity: 622 KTA

## Power Supply Project

**Location** Dehloran (Ilam Province) / Iran

**Owner** Ahdaf Investment Company

**Client** Dehloran Petrochemical Company

**OIEC Scope** EPCC

**Description** Power Supply of NGL 3100 (45 MW), Dehloran Petrochemical Plant (30 MW) and ICOFC (35 MW)

## Pipeline & Water Supply Project

**Location** Dehloran (Ilam Province) / Iran

**Owner** Ahdaf Investment Company

**Client** Dehloran Petrochemical Company

**OIEC Scope** EPCC

**Description**

- ▶ Receiving gas from IGAT 5 which will be used as the feed gas for petrochemical plant's furnaces and power plant after the construction and startup of the gas pressure reducing station
- ▶ Transferring Water from Doirej dam by 2.6 kilometers of 20 inches pipelines
- ▶ Construction and installation of two Tanks in Dehloran petrochemical plant with the capacity of 20,000 m3
- ▶ 58 kilometers of 16 inches pipeline for transferring heavy sour gas feed from gas pressure booster station and injecting Dehloran gas to NGL 3100
- ▶ 45 kilometers of 8 Inches water intake pipeline from Dehloran petrochemical to NGL 3100
- ▶ Execution of LBV (Line Break valves) station, launching and receiving fiber optic smart pigs and power supply system in form of EPC

### Dehloran Compressor Station (Ongoing)

Dehloran Compressor Station is awarded to OIEC in form of EPCC contract. This project is designed to increase the gas gathering of Danan and Dehloran Fields in order to provide the feedstock for NGL3100.

ایستگاه تقویت فشار گاز دهلران جهت افزایش گازهای همراه میادین دانان و دهلران به منظور تأمین بخشی از خوراک کارخانه NGL3100 در دست احداث است. هدف از انجام این پروژه افزایش فشار گاز ترش به میزان ۱۲۰ میلیون فوت مکعب در روز از حدود ۲ بار به ۱۳۲ بار است.

**Location** Dehloran  
(Ilam Province) / Iran

**Owner** Iranian Central Oil Fields Company (ICOFC)

**Client** Dehloran Petrochemical Company

**OIEC Scope** EPCC

**Description**

- ▶ Danan & Dehloran Fields gas gathering and pressure increase
- ▶ Pressure increase of the gathered gas from 2 bar to 132 bar through a 4-step operation
- ▶ Gas Compression through 10 reciprocating compressors
- ▶ Gas dehydration
- ▶ NGL 3100 feed supplier



### Downstream Petrochemical Plants

## Gachsaran High Density Polyethylene Plant (Ongoing)

Gachsaran HDPE project is awarded to OIEC Company in 2020 in form of EPCC contract. This project with a capacity of 300,000 tons high density polyethylene per year is defined to be constructed on a land area of 119,000 square meters near Gachsaran Petrochemical Complex, in Kohgiluyeh and Boyer Ahmad. The feed and ancillary services for this project will be provided by Gachsaran Petrochemical Complex; and the detailed design of the unit will be done based on LyondellBasell's certificate.

پروژه احداث واحد تولید پلی اتیلن سنگین گچساران در خردادماه ۱۳۹۹ به شرکت اویک واگذار شد. این پروژه با ظرفیت ۳۰۰ هزار تن در سال در زمینی به مساحت ۱۱۹/۰۰۰ متر مربع در مجاورت مجتمع پتروشیمی گچساران، استان کهگیلویه و بویر احمد، شهرستان گچساران تعریف شده است.

<b>Location</b>	Gachsaran (Kohgiluyeh and Boyer Ahmad Province) / Iran
<b>Client</b>	Gachsaran Petrochemical Company
<b>OIEC Scope</b>	Construction of HDPE Unit (EPCC)
<b>Feed</b>	Ethylene from West Ethylene Pipeline
<b>Product</b>	▶ HDPE in different industrial grades ▶ Black Pallets



**OIEC,  
Leading in  
NGL Projects**

اجرای پروژه‌های NGL ،  
مزیت رقابتی گروه اوپک

### NGL 3100 (Ongoing)

As the fifth NGL plant, NGL 3100, is currently under construction by OIEC. The project is defined to reach the optimal recovery of C2+ product associated with gas of North Dezful oilfields. This project includes a high pressure electrical power grid consisting of transmission lines, stations, feed and product pipelines.

فق پروژه‌های 1200، 1300، 1500 NGL و همچنین NGL3100 ر حال حاضر نیز طراحی و اجرای پروژه NGL3100 ن تعداد پروژه NGL، او یک را به یک برند معتبر در دف از اجرای این پروژه، جلوگیری از سوزانده شدن بای نفتی آذر، دهلران، چشمه‌خوش و پایدار غرب و سورد نیاز پتروشیمی‌های پایین‌دستی است.



### OIEC has successfully completed NGL 1200, 1300, 1500, and Sirri plants and now is working on NGL 3100 Project

<b>Location</b>	Dehloran (Ilam Province) / Iran
<b>Owner</b>	Iranian Central Oil Fields Company (ICOFC)
<b>Client</b>	Dehloran Petrochemical Company
<b>OIEC Scope</b>	<ul style="list-style-type: none"><li>▶ Engineering (basic and detailed design)</li><li>▶ Procurement (supply of the equipment and bulk items, procurement services)</li><li>▶ Construction (site preparation, plant construction and erection)</li><li>▶ Commissioning (pre-commissioning, commissioning and start-up)</li></ul>
<b>Product</b>	<ul style="list-style-type: none"><li>▶ C2+: 40,000 barrels per day</li><li>▶ Condensate: 850 barrels per day</li><li>▶ Sweet Gas: 77 MMSFD</li><li>▶ Sulfur: 350 tons per day</li></ul>

### Sirri Island Gas Gathering and NGL Recovery

Sirri Island is 72 kilometers away from the Iranian mainland, Bandar Lengeh, and 40 kilometers west of Abu Musa Island, covering an area of about 18 Square kilometers.

The Sirri NGL plant has been designed and constructed by OIEC and commissioned in 2013.

The project also included loading facilities for exporting LPG and condensate.

Successful handover of the project after working in rigorous climate conditions of Sirri Island proved OIEC valuable potentials.

شرکت اویک علاوه بر اجرای کامل پروژه NGL سیری شامل مهندسی، تدارکات و ساختمان و نصب، کار راه اندازی این پروژه را هم، در غیاب نمایندگان شرکت های خارجی به انجام رساند. مدیریت چنین پروژه بزرگی با توجه به ویژگی های جغرافیایی و اقلیمی خاص منطقه و نیز وجود محدودیت های بین المللی، علاوه بر درس آموخته های ارزشمند، ارتقاء توان تخصصی و قابلیت های شرکت را نیز به همراه داشته است.

**Location** Sirri Island, Persian Gulf / Iran

**Client** Iranian Offshore Oil Company (IOOC)

**OIEC Scope (Onshore)**

- ▶ Engineering (basic and detailed design)
- ▶ Procurement (supply of the equipment and bulk items, procurement services)
- ▶ Construction (site preparation, plant construction and erection)
- ▶ Commissioning (pre-commissioning, commissioning and start-up)

**Product**

- ▶ Natural Gas: 3 million m3 per day
- ▶ Condensate: 1,340 barrels per day
- ▶ LPG: 11,670 barrels per day
- ▶ Pentane: 1,470 barrels per day





### South Pars Phases 17 & 18

The development of phases 17 and 18 of South Pars gas field was awarded to a consortium of OIEC, IDRO and IOEC, producing 2MMMSCFD of natural gas and 80,000 barrels of gas condensate per day.

The onshore refinery was designed and constructed by OIEC and IDRO on the basis of supplying treated lean gas to domestic network and ethane gas to nearby petrochemical complex.

توسعه فازهای ۱۷ و ۱۸ میدان گازی پارس جنوبی با هدف تولید روزانه ۵۰ میلیون متر مکعب گاز طبیعی و ۸۰ هزار بشکه میعانات گازی به کنسرسیومی ایرانی متشکل از گروه مهندسی و ساختمان صنایع نفت، سازمان گسترش و نوسازی صنایع ایران (ایدرو) و شرکت مهندسی و ساخت تأسیسات دریایی واگذار شد. این پروژه در سال ۱۳۹۶ به بهره‌برداری رسید.

واگذاری واحدهای فرآیندی این پروژه به صورت EPC برای نخستین بار و اجرای تمامی بخش ساختمان و نصب، بخشی از توفیقات گروه اوپک در اجرای این پروژه بوده است.

<b>Location</b>	Assalluyeh, Persian Gulf / Iran
<b>Client</b>	Pars Oil and Gas Company (POGC)
<b>Partners</b>	▶ Industrial Development and Renovation Organization of Iran (IDRO) ▶ Iranian Offshore Engineering and Construction (IOEC)
<b>OIEC Scope (Onshore)</b>	▶ Engineering (basic and detailed design) ▶ Procurement (supply of the equipment and bulk items, procurement services) ▶ Construction (site preparation, plant construction and erection) ▶ Commissioning (pre-commissioning, commissioning and start-up)
<b>Product</b>	▶ Natural Gas: 50 million m3 per day ▶ Stabilized Condensate: 80,000 barrels per day ▶ LPG: 2,900 tons per day ▶ Ethane: 2,750 tons per day ▶ Sulfur: 400 tons per day



Downstream  
Gas  
Refineries

### South Pars Phases 9 &10

The phases 9 and 10 of South Pars gas field are designed to produce 2MMMSCFD of natural gas as well as gas condensate, ethane, butane and propane (LPG) and sulfur. Offshore facilities include two gas production platforms with 24 gas wells, two 32" subsea pipelines for transferring gas to the onshore refinery and two 4" pipelines for transferring glycol. This project was awarded to OIEC, the first local EPC contractor. The onshore part was an ignition to Mega projects in OIEC.

گروه مهندسی و ساختمان صنایع نفت به عنوان عضوی از کنسرسیوم، در اجرای بخش خشکی پروژه فازهای ۹ و ۱۰ پارس جنوبی مشارکت داشت و اولین شرکت ایرانی بود که اجرای پروژه‌های به صورت EPC در میدان گازی پارس جنوبی را عهده‌دار شد. به علاوه این پروژه از آن جهت که آغاز دوران اجرای مگا پروژه‌ها در گروه اوپک محسوب می‌شود، نقطه عطفی در حیات حرفه‌ای و روند توسعه این شرکت به شمار می‌رود.

<b>Location</b>	Assalluyeh, Persian Gulf / Iran
<b>Client</b>	Pars Oil and Gas Company (POGC)
<b>Partners</b>	▶ GS (South Korea) ▶ Iranian Offshore Engineering and Construction (IOEC)
<b>OIEC Scope (Onshore)</b>	▶ Engineering (FEED and detailed design) ▶ Procurement (supply of the equipment and bulk items, procurement services) ▶ Construction (site preparation, plant construction and erection) ▶ Commissioning (pre-commissioning, commissioning and start-up) ▶ Tail Gas Treatment Unit (TGTU)
<b>Product</b>	▶ Natural Gas: 50 million m3 per day ▶ Stabilized Condensate: 80,000 barrels per day ▶ LPG: 2,900 tons per day ▶ Ethane: 2,750 tons per day ▶ Sulfur: 400 tons per day

### Bandar Abbas Oil Refinery

Bandar Abbas Refinery, one of the largest in the Middle East with a refining capacity of more than 300,000 BPD, was constructed in an area of 7 square kilometers near the city of Bandar Abbas in southern Iran. The feed for the refinery is the heavy crude oil plus some condensate which is transferred from Sarkhoon gas treating plant. Some portion of refinery products is exporting, while the remaining is supplying the local market in order to meet the demand.

از دیگر پروژه‌هایی که شرکت اویک کار ساخت و نصب آن را برعهده داشته، پالایشگاه بندرعباس است. این پالایشگاه یکی از بزرگترین پالایشگاه‌های خاورمیانه با ظرفیت پالایشی بیش از ۳۰۰ هزار بشکه در روز است. خوراک این پالایشگاه، نفت سنگین به همراه مقادیری میعانات است که از واحد تصفیه گاز سرخون به آن ارسال می‌شود.

<b>Location</b>	Bandar Abbas / Iran
<b>Client</b>	National Iranian Oil Company (NIOC)
<b>OIEC Scope</b>	Construction and installation
<b>Product</b>	<ul style="list-style-type: none"><li>▶ Gasoline: 46,000 barrels per day</li><li>▶ Kerosene and Jet Fuel: 37,000 barrels per day</li><li>▶ Furnace Fuel: 67,000 barrels per day</li><li>▶ Gas Oil: 70,000 barrels per day</li><li>▶ Tar: 5,000 barrels per day</li><li>▶ LPG: 7,000 barrels per day</li></ul>



### Isfahan Lube Oil Complex

The construction, erection and pre-commissioning of Isfahan Lube Oil Complex in vicinity of Isfahan Refinery was the first construction project undertaken by OIEC. The project is also considered as a striking milestone in Iranian oil industry, because the successful completion of the project was a proof for capabilities of local contractors.

The project consisted of construction of Furfural and MEK Dewaxing Units producing 184,000 tons of base oil per year. Other units such as Blending Unit, Can Manufacturing, Filling Unit, Tank Farm, Loading- Unloading Unit and a new Cooling Tower were also constructed as part of the complex. Meanwhile, to complete the project, it was necessary to make numerous Tie Ins to existing process and utility units of Isfahan Refinery which was executed during refinery operation.

احداث، نصب و پیش راه‌اندازی کارخانه روغن‌سازی پالایشگاه اصفهان، نخستین پروژه ساخت و اجرا گروه اوئیک محسوب می‌شود که در سال‌های آغازین حیات این شرکت، به انجام رسید. احداث این کارخانه نقطه عطفی برای صنعت نفت و گاز ایران به شمار می‌رود، چرا که اجرای موفقیت‌آمیز این پروژه در مقطع تاریخی سال‌های پس از جنگ، گواهی بر توانمندی شرکت‌های داخلی و آغازی بر نقش آفرینی فعال آنها در توسعه این صنعت بوده است.

<b>Location</b>	Isfahan / Iran
<b>Client</b>	National Iranian Oil Refining and Distribution Company (NIORDC)
<b>OIEC Scope</b>	Construction and commissioning
<b>Product</b>	Base Oil: 184,000 tons per year



### Abadan Oil Refinery

OIEC contracted Abadan Oil Refinery for Feasibility Study and Basic Design Package of modernization of FCCU, Alkylation Unit, Acid Plant, and Isomerization Unit in Feb. 2002 in cooperation with STONE & WEBSTER LIMITED. As confirmed by the client (AORC), the project was accomplished and delivered in the same year.

مطالعات امکان سنجی و طراحی پایه به منظور بازسازی و مدرنیزه کردن واحدهای پالایشگاه آبادان در قالب قراردادی در سال ۱۳۸۱ به شرکت اویک واگذار شد که این پروژه در همان سال با موفقیت به اتمام رسید.

<b>Location</b>	Abadan / Iran
<b>Client</b>	Abadan Oil Refining Company (AORC/NIORDC)
<b>OIEC Scope</b>	Basic Engineering & Feasibility Study
<b>Process Units</b>	<ul style="list-style-type: none"><li>▶ FCCU</li><li>▶ Alkylation Unit</li><li>▶ Acid Plant</li><li>▶ Isomerization</li></ul>

### Tabriz Petrochemical Complex

OIEC was awarded the construction of Ethyl Benzene, Styrene Monomer and De-mineralized Water Plant of Tabriz Petrochemical Complex project which was sponsored by Technip. It was a challenging project working with multi contractors. The project had a reactor to be erected in pieces and welded at site which was the first of its kind in Iran and a constructive experience for OIEC to promote the company's capabilities for executing the projects in petrochemical industries.

عملیات ساختمانی و احداث واحدهای اتیل بنزن و استایرن مونومر مجتمع پتروشیمی تبریز که در مجاورت پالایشگاه تبریز واقع شده است، به دلیل شرایطی چون زمانبندی فشرده، شرایط خاص چند پیمانکاره بودن، این پروژه را با چالش‌هایی همراه کرده بود که اجرای موفق آن نشان از توانمندی‌های گروه اوپک داشت.

<b>Location</b>	Tabriz / Iran
<b>Client</b>	Tabriz Petrochemical Company
<b>OIEC Scope</b>	Construction (civil works, construction of ethyl benzene and styrene monomer units)
<b>Product</b>	▶ Ethylene: 136,000 tons per year ▶ Ethyl benzene: 106,000 tons per year ▶ Styrene: 100,000 tons per year

### Khorasan Petrochemical Complex

The construction of Khorasan Petrochemical Plant for KHPC under the license and supervision of Kellogg of UK was unique in terms of concrete foundation for one of Ammonia tanks in just 7 weeks after the contract was awarded. Highly complicated piping in an installation of 100 meters tall steel structure in a multi-contractors site with patented piping material from Stamicarbon was another challenge which well handled by OIEC in this project. Adding to these challenges was the task of erecting the heavy 350 tons reactor. Finishing the project on time and on budget was the result of correct planning and execution that was accomplished by OIEC's professional construction and project management teams.

نقش او یک در پروژه مجتمع پتروشیمی خراسان، ساخت و نصب واحد اوره بود که بتن ریزی سریع، فوندانسیون حجیم و لوله کشی پیچیده در سازه‌ای با ارتفاع ۱۰۰ متر و همچنین نصب یک راکتور ۳۵۰ تنی از جمله ویژگی‌های آن و از تجربیات موفق شرکت او یک در دهه نخست حیات حرفه‌ای محسوب می‌شود.

<b>Location</b>	Bojnourd / Iran
<b>Client</b>	Khorasan Petrochemical Company (KHPC)
<b>OIEC Scope</b>	Construction (erection of a 1500 tons per day urea plant, access bridge and associates)
<b>Product</b>	► Ammonia: 330,000 tons per year ► Urea: 495,000 tons per year ► Melamine: 20,000 tons per year



کسب و کارهای جدید

## New Ventures

- Qeshm Oil Terminal
- Kangan PDH Complex
- Consultancy of EPD/EPC Portfolio
- Renewable Energy



## OIEC as a Leading Developer in the Market

At OIEC, in line with its evolution path, we are definitely taking diversified business into account as the most reasonable way of pursuing sustainable development goals with respect to meeting the needs of our stakeholders as well as utilizing OIEC's capabilities in the new and best-fitting business fields where the investment is feasible. It would help to expand our horizons to become a Leading Developer aimed at coming up with total solutions in the selected areas. In fact, as a developer, we intend to go along the value chain in the related industries to make them viable through acquiring profitable businesses, investment ownership and production where OIEC has the most effects and contribution along the chain. Done well, it is a way of promoting what we already have as our business assets, brand name and our prominent history of project execution in Oil, Gas, Refining and Petrochemical industries.

گروه اوپک همزمان با ورود به دهه چهارم حیات حرفه‌ای خود و با هدف تکمیل مسیر فعالیت‌اش به عنوان بازوی اجرایی وزارت نفت و همچنین با انگیزه تحقق اهداف توسعه پایدار، مجموعه‌ای از کسب و کارهای جدید را با تکیه بر سه دهه فعالیت مستمر و موفق در اجرای پروژه‌های EPC در دستور کار خود قرار داده است، تا ضمن گسترش افق کاری خود به یکی از اصلی‌ترین شرکت‌های ایرانی توانمند در حوزه توسعه و بهره‌برداری میدان‌های نفتی و گازی در کلاس جهانی تبدیل شود.

## New Ventures

Downstream  
Oil Terminal  
& Storage Facilities

## Qeshm Oil Terminal (Ongoing)

OIEC has started the development of the crude oil and condensate gas storage project, with the capacity of 6.5 million barrels in South of Qeshm Island as a developer and investor in 2018.

In this project, crude oil loading and offloading between onshore storage tanks and oil tankers is supposed to be done by a single point mooring (SPM) which is located in 4 Kilometers far from coast line through two 36" pipeline. Transferring capacity is designed to be 9,000 m<sup>3</sup>/h.

شرکت اویک توسعه پروژه ذخیره سازی نفت خام و میعانات گازی با ظرفیت ۶/۵ میلیون بشکه در جنوب جزیره قشم را در سال ۱۳۹۷ آغاز نمود. در این پروژه بارگیری و تخلیه نفت خام بین مخازن ذخیره سازی خشکی و تانکرهای نفت توسط یک گوی شناور و از طریق دو خط لوله ۳۶ اینچی انجام می شود. فاز یک این پروژه جمعاً با ظرفیت ۳ میلیون و ۶۰۰ هزار بشکه به بهره برداری رسیده است.

**Location** South of Qeshm Island/Iran

**Client** National Iranian Oil Company (NIOC)

**OIEC Scope**

► **Phase 1**

Construction of 6 crude oil storage tanks with the capacity of 540,000 barrels each

► **Phase 2**

Construction of 5 crude oil storage tanks with the capacity of 540,000 barrels each  
Construction of 2 crude oil storage tanks with the capacity of 270,000 barrels each  
Increase in loading capacity to 6.5 million barrels

► **Phase 3**

Manufacturing and installation SPM along with the implementation of land and sea pipelines

► **Phase 4 (Future Development Plan)**

Construction of DSU unit (Sulfur Dismantling) of crude oil and bunkering

**Storage Capacity** 6.5 million barrels of crude oil



### Kangan PDH Complex (Ongoing)

Kangan PDH Complex is one of the attractive opportunities which OIEC has started its implementation as a developer and investor since 2017. This project is focuses on construction of the Propylene value chain in which the Propane gas is delivered from the adjacent C2 recovery section of Kangan petro-refining complex (KPRC) to the first station named PDH (Propane Dehydrogenation) to transform Propane to Propylene. The produced Propylene will then be conducted to another station. In this step, Propylene will be under process based on HPPO technology (Hydrogen Peroxide/Propylene Oxide) which transforms it into Propylene Oxide (PO). This product could be used as a raw material to convert to a new product named Polyether Polyol with higher added value in the Propylene value chain. This complex will be the first complex in the country with a designed capacity of 225 KTA based on polyether polyol. This product is used in the manufacture of high-resilience PU foam that has widespread use in various sectors of industries such as pipeline insulation, home appliances, and automotive industries.

مجتمع PDH کنگان یکی از پروژه‌های جدید اویک در منطقه پارس جنوبی است که در مجاورت مجتمع پتروپالایش کنگان و با هدف تولید زنجیره ارزش پروپیلن احداث خواهد شد.  
هدف از ورود به این پروژه ایجاد یک درآمد پایدار برای شرکت بوده است.

<b>Location</b>	Kangan, Bushehr / Iran
<b>OIEC Scope</b>	Completing the propylene value chain in the Propylene Oxide reaching the polyether polyol production
<b>Product</b>	▶ Propylene: 150 KTA ▶ Propylene Oxide: 200 KTA

## New Ventures

Management  
Contracting

### Consultancy of EPD/EPC Portfolio

According to OIEC's technical and managerial knowledge and the company's experience in carrying out oil and gas mega projects, the project management services and workshop supervision for maintaining and enhancing the production capacity of seven Iranian oil and gas fields (Danan, Naft Shahr, Sa'adat Abaad, Esfand & Sivand, Resalat, Reshadat and Forouzan) was assigned to OIEC in 2019. The main goal for implementing such plan is to increase the oil production capacity by 281,000 barrels per day for three years from 2019 to 2022 compared to the production average of the first six months of 2017.

با توجه به دانش فنی- مدیریتی و تجربه چندین ساله شرکت مهندسی و ساختمان صنایع نفت در انجام طرح‌ها و ابر پروژه‌های نفت و گاز، در آبان ماه ۱۳۹۸ شرکت ملی نفت ایران انجام خدمات مدیریت پروژه و نظارت کارگاهی هفت پروژه از پروژه‌های طرح نگهداشت و افزایش تولید نفت شرکت نفت مناطق مرکزی ایران (دanan، نفت شهر، سعادت آباد، اسفند و سیوند، رسالت، رشادت و فروزان) را به شرکت مهندسی و ساختمان صنایع نفت (OIEC) واگذار کرد. هدف از اجرای این طرح، افزایش ظرفیت تولید نفت به میزان ۲۸۱،۰۰۰ بشکه در روز طی سه سال از سال ۱۳۹۸ تا ۱۴۰۰ نسبت به متوسط شش ماهه اول تولید سال ۱۳۹۶ است.

<b>Location</b>	Ilam Province, Fars Province, Hormozgan Province, Boushehr Province / Iran
<b>Client</b>	National Iranian Oil Company (NIOC)
<b>Administrator</b>	Iranian Central Oil Fields Company (ICOFC) Iranian Offshore Oil Company (IOOC)
<b>OIEC Scope</b>	Management Contracting (MC) Services

## Renewable Energy

RENEWABLE ENERGY – Plentiful, accessible and clean – is becoming more efficient day to day. Here at OIEC, we are actively preparing the future by stepping up our ongoing investment in renewable energy as a critical component in the world's sustainable energy supply.

OIEC is moving beyond by taking advantage of long-standing experience in oil and gas industry in line with sustainability approach to become a regional renewable energy operator and to meet Vision 2025.

OIEC commitment to sustainability and putting people, plant and profit (TBL) at the core of its development strategy will be leading us to make significant contribution to sustainable values.

Technology transfer, new industrial partnerships and investment are the solid foundations on which we are building a long-term and profitable renewable energy business.



معرفی شرکتهای گروه

## Subsidiaries

- **EIED** - Energy Industries Engineering and Design
- **OEID** - Oil and Energy Industries Development
- **KPE** - Kish Petroleum Engineering
- **OICO** - Oil Industries Commissioning and Operation
- **SAED** - Sarvak Azar Engineering and Development
- **OEOC** - Oil Exploration Operations Company
- **QOIC** - Qeshm Oil Investment Company
- **ODCC** - Oil Design and Construction Company



### Energy Industries Engineering and Design (EIED)

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#### شرکت طراحی و مهندسی صنایع انرژی

این شرکت با هدف ایفای نقش به عنوان بازوی مهندسی گروه اویک سال ۱۳۷۵ تاسیس شد و از آن زمان تاکنون علاوه بر ایفای نقش مهندسی، اجرای بسیاری از پروژه‌ها را نیز به صورت EPC برعهده گرفته و امروزه به عنوان یکی از توانمندترین شرکت‌های ایرانی و همچنین مشاوری پیشرو در امر مهندسی و مدیریت شناخته می‌شود.

Energy Industries Engineering and Design (EIED), founded in 1996, was initially formed as the engineering arm of OIEC to promote the knowledge and technology for design and engineering. Since then, the company has also obtained a leading role in execution of projects in oil, gas and petrochemical industries and is known as one of the most capable EPC contractor especially in downstream projects.

EIED provides a wide range of services for EPC projects including engineering and design, procurement, construction management and MC services to clients in accordance with state of the art technologies and management systems. EIED with over 700 highly qualified staff has developed into an advanced, qualified and result-oriented company offering its services to both national and international clients to meet the twenty-first century technological challenges.





### Oil and Energy Industries Development (OEID)

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#### شرکت توسعه صنایع نفت و انرژی قشم

این شرکت به عنوان عضو دیگری از گروه اویک از سال ۱۳۷۶ به عنوان مجموعه‌ای حرفه‌ای در حوزه بالادستی توانسته است در اجرای بسیاری از پروژه‌ها از جمله توسعه بیش از ۲۰ میدان خشکی و پروژه‌های متعدد EPC نظیر احداث تأسیسات سرچاهی، واحدهای بهره‌برداری، نمک‌زدایی، ایستگاه‌های تقویت فشار و تزریق گاز ایفای نقش کند.

Oil and Energy Industries Development (OEID) was established in 1997 as a subsidiary of OIEC. The company's core area of expertise is in upstream projects, including oil and gas exploration, field development and related upstream engineering services.

Utilizing the world's latest technologies for the development of oil and gas fields, OEID is known for its advanced technology, high profile experience and result oriented professionalism. As a result, OEID has executed some of the most challenging projects in the Iranian upstream sector, including development of more than 20 onshore oil fields as well as several EPC and EPD work-packages such as well-head facilities, production units, desalting plants, gas compression and injection stations.







### Kish Petroleum Engineering (KPE)

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#### شرکت مهندسی نفت کیش

این شرکت از سال ۱۳۷۸ با هدف فعالیت در بخش بالادستی تاسیس شد و تا امروز با تکیه بر نیروهای خبره و متخصص خود توانسته است خدمات درخشان و گسترده‌ای از قبیل مطالعات میدان و مخزن، تهیه MDP، خدمات فنی و نظارت بر حفاری، به پروژه‌های صنعت نفت و گاز کشور ارائه کند.

Kish Petroleum Engineering (KPE) was incorporated in 1999 as a subsidiary of OIEC Group to provide upstream engineering services. Relying on more than two decades of experience in Iranian oil and gas industry, with remarkable technical expertise and know-how, the company is now capable of rendering a wide range of upstream consultancy and operational services including geoscience studies, reservoir engineering, drilling engineering and operation, production and completion engineering, surface facilities design, field studies and preparation of Master Development Plans (MDP).

To cover the whole chain of upstream services as the company's main strategy, KPE has also equipped itself with operational capabilities in the last decade. That has enabled KPE to manage and execute operational projects such as drilling, completion and enhanced/improved recovery projects. In addition, the company has recently entered into the field of logistics services by adopting an integrated management approach in order to reduce operational costs and accelerate projects execution in an efficient manner.





### Oil Industries Commissioning and Operation (OICO)

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#### شرکت راه اندازی و بهره برداری صنایع نفت

این شرکت از سال ۱۳۹۰ و با هدف پاسخگویی به نیاز روزافزون صنعت نفت و گاز کشور در حوزه پیش راه اندازی، راه اندازی، بهره برداری و تعمیر و نگهداری پروژه ها و پلنت های نفت، گاز و پتروشیمی تاسیس و تاکنون سهم قابل توجهی در پروژه های استراتژیک کشور از جمله بزرگترین پالایشگاه میعانات گازی ستاره خلیج فارس ایفا کرده است.

Oil Industries Commissioning and Operation (OICO) was incorporated in 2011 as the arm of OIEC to meet the increasing needs for an up-to-date, systematic and professional approach to lead pre-commissioning, commissioning and operation stages of a noticeable number of projects in the local and regional markets.

Taking advantages from the highest qualified experts, utilizing OPERCOM methodology and ICAPS (Integrated Commissioning and Progress System) software which is registered and developed by TOTAL, for managing and implementing pre-commissioning and commissioning activities, OICO is considered as core competitive advantage of the company leading to acquire a considerable share of local market in recent years while planning to take part in overseas projects.





### Sarvak Azar Engineering and Development (SAED)

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#### شرکت مهندسی و توسعه سروک آذر

این شرکت به منظور توسعه و بهره‌برداری از میدان مشترک نفتی آذر با سرمایه‌گذاری شرکت‌های اهداف و اویک در سال ۱۳۹۱ تاسیس شد و در طول این مدت موفق شد علاوه بر بهره‌برداری از فاز اول تولید زود هنگام با ظرفیت ۱۵ هزار بشکه نفت در روز و فاز دوم تولید ۳۰ هزار بشکه نفت در روز، هدف نهایی این طرح، تولید روزانه ۶۵ هزار بشکه نفت خام را از این میدان مشترک محقق کند.

Sarvak Azar Engineering and Development (SAED) was founded in partnership with Ahdaf Investment Company and OIEC in March of 2012 to implement Azar Oil Field Project as an entirely Iranian company relying on local experience and knowledge of oil and gas development. The main objective of the execution of the project is to extract oil from Sarvak Formation in Azar Oil Field. This field consists of 19 wells, flow lines and CPF to fulfill the project objectives which are, in turn, lead to a total production of 65,000 BOPD.





### Oil Exploration Operations Company (OEOC)

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#### شرکت عملیات اکتشاف نفت

این شرکت به عنوان یکی از برترین شرکت‌های خصوصی شاغل در فعالیتهای بالادستی صنایع نفت و گاز ایران شناخته می‌شود و ارائه خدمات فنی و تخصصی در دو زمینه عملیات اکتشافی و خدمات جانبی یکپارچه حفاری، نظیر اسیدکاری و انگیزش چاه، سیمان‌کاری جداری، راندن لوله جداری، آزمایشات درون چاهی و لوله مغزی سیار، در گستره فعالیتهای این شرکت قرار دارد. از جمله توانمندی‌های دیگر این شرکت، حفاری به روش "جهت‌دار افقی" است که در نوع خود در کشور، بی‌نظیر است.

Oil Exploration Operations Company (OEOC) is one of the most reputable private companies in the upstream sector of Iranian oil and gas industry. OEOC has obtained latest technical knowhow and vast experiences in the upstream of oil and gas projects. The company commenced its operation in two different fields of exploration operations and integrated drilling services.





### Qeshm Oil Investment Company (QOIC)

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#### شرکت سرمایه‌گذاری نفت قشم

این شرکت در سال ۱۳۸۳ با هدف سرمایه‌گذاری در دو بخش بالادستی و میان دستی صنعت نفت و گاز در منطقه آزاد قشم تاسیس شد. در حال حاضر این شرکت، پروژه ساخت پایانه نفتی با ظرفیت ۶/۵ میلیون بشکه برای ذخیره‌سازی نفت و میعانات گازی را در دستور کار دارد.

Qeshm Oil Investment Company (QOIC) (Private Joint Stock) has been registered in 2004 in Qeshm free zone. QOIC strategically invests on oil and gas upstream and midstream sectors. As an investment company, it can define many cooperative ways to develop investment projects such as BOO, BOT, EPCF. QOIC is owned a project of 6.5 million bbls capacity of storage tank and export facilities of crude oil and gas condensate in south of the Qeshm Island. Qeshm Oil terminal project consists of 1 SPM, 13 storage tanks with 6.5 million barrels storage tanks in the first phase and increase to 20 storage tanks with capacity to 10 million barrels in the second phase located in the south of Qeshm Island with the aim of providing all the potential customers with crude oil and gas condensate storage services plus offering the higher standard of operating efficiency. Qeshm Oil Terminal project is in progress and it is divided into two different major areas (onshore-offshore) in terms of scope of work in a 117 hectare allocated land.





### Oil Design and Construction Company (ODCC)

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#### شرکت طراحی و ساختمان نفت

شرکت طراحی و ساختمان نفت در سال ۱۳۷۰ با نام شرکت ماشین‌آلات صنایع نفت تاسیس شد و پس از گذشت یک دهه با تکیه بر توانمندی متخصصان داخلی و کسب تجربه از اجرای پروژه‌های صنعت نفت کشور، توانست با گسترش دامنه تخصصی و کارکردی خود، اجرای پروژه‌های صنعت نفت را به شکل EPC برعهده بگیرد و اینک پس از نزدیک به سه دهه فعالیت، به نامی آشنا در صنایع نفت ایران تبدیل شده است.

ODCC was founded in 1991. The Company has since taken major steps to become capable of rendering a complete range of EPC services in the energy sector. ODCC is a comprehensive service provider from conceptual designs, to turnkey mega projects within the energy industry. Today ODCC is considered as one of the most capable companies to be involved in EPCM activities within the energy industry in Iran.





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