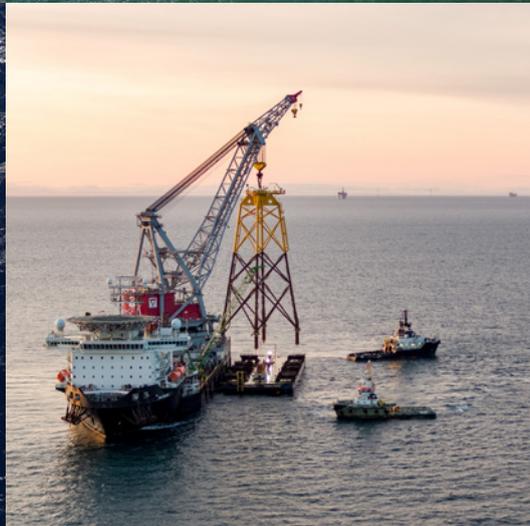




Annual Report 2018





Pieter van Oord, Chairman



Sander Vergroesen, Managing Director

Board and Committees

IRO Board

Pieter van Oord (Chairman), Van Oord
Michaël Kahn (Vice-Chairman), Jumbo Offshore
Arjan Klijnsoon (Secretary), Royal IHC
Bruno Jelgerhuis Swildens (Treasurer), EY
Koos-Jan van Brouwershaven, Heerema Group
Peter de Bruijne, Paragon Offshore (a Borr Drilling Company)
Edward Heerema, Allseas Engineering
Mark Heine, Fugro
Paul Koop, Quercus Technical Services
René Peters, TNO

Honorary member

Gert-Jan Kramer

IRO Team

Sander Vergroesen, Managing Director
Liesbeth Köhne, Executive Secretary
Tjerk Suurenbroek, Business Development Manager
Barbara van Buchem, Assistant Business Development Manager
Wasilika Pupovac-Moutzouridis, Exhibitions Manager
Marloes Kraaijeveld, PR & Communications Manager
Manuela van Dalen, Office/Communications Assistant

Young IRO Board

Bernard Alblas, Royal IHC
Jiska Bazuin, Pronomar
Laurens van Gelder, Damen Shiprepair Rotterdam
Siwart Mackintosh, Bayards
Sander Morshuis, Mocean Offshore
Amber Nossent, Navingo
Nick van der Steen, Ridderflex
Sophie van Zanten, Fugro

Committees

Innovation & Technology

Chairman: Mark Heine (Fugro)

International Relations & Communications

Chairman: Arjan Klijnsoon (Royal IHC)

Oil & Gas

Chairman: René Peters (TNO)

Renewables

Chairman: Koos-Jan van Brouwershaven (Heerema Group)

Sustainability & Safety

Chairman: Michaël Kahn (Jumbo Offshore)

Preface

IRO proudly presents the 2018 annual report!

Throughout the year, the association has been busy promoting the interests of its members, the Dutch Suppliers in the Oil and Gas Industry and Offshore Renewable Industry. Numerous network and trade opportunities have been created by means of member meetings, committee meetings, exhibitions and trade missions.

In this annual report we have tried to give you a clear overview of all activities of IRO in the fields of Trade & Export promotion, Network events, Human Capital & Education, Public Relations & Media Exposure and Trending topics such as Offshore Renewables, Decommissioning and Corporate Responsibility & Sustainability. As a fundamental part of the Association, Young IRO has been added for an update on their events.

2018 has been a challenging year and has left its marks in several fields of the industry. Despite the first signs of recovery, most segments continue to suffer from persistent overcapacity and low margins. In spite of the challenging times, the Dutch offshore sector has proven to be able to cope with the difficult conditions through chain cooperation, strong entrepreneurship and innovation.

Over the last 50 years an extensive network of pipelines, platforms and subsea installations has been developed in the North Sea to produce oil and gas from offshore fields. As more and more small fields become empty, decommissioning and the dismantling of platforms that are no longer used are becoming increasingly important and available for the next step.

Next to permanent removal in an efficient and effective way, innovations are under development to enable reuse of existing infrastructure for oil and gas for future use in energy storage and power balancing offshore. Old infrastructure can be used for energy or CO₂ storage (depleted fields), energy conversion with Power to Gas or Gas to Wire (platforms) or energy transport and storage (Hydrogen).

At the same time a new infrastructure is being developed to produce renewable energy, mostly from offshore wind. Also the development of marine energy (wave, tidal) technologies become important for the energy supply of the future. Nonetheless, oil and gas will continue



The Oil, Gas and Offshore Renewable supply industry in the Netherlands belongs to the Top 5 of the world. Acting as the gateway to Dutch suppliers in the energy industry, the IRO mission is ultimately aimed at maintaining and strengthening the position of the Dutch Oil, Gas and Offshore Renewable industry by creating a level playing field for its members.

IRO's 425 members consist of a wide variety of both multinationals and SMEs. They represent the entire supply chain within the Oil, Gas and Offshore Renewable industry, with activities covering: Engineering & Consultancy, Construction & Fabrication, Plant & Equipment Supply, Contracting & Installation, Exploration & Production and Personnel & HSE, both for onshore & offshore upstream oil & gas and offshore renewables (wind and marine energy).

to play an important role in the global energy mix for decades to come. The Dutch suppliers are leaders in the field of clean and safe conventional energy production and are way ahead of its international competitors.

Although the coming years will be challenging years for our industry, they will be full of opportunities both in the field of conventional and sustainable energy.

With the above innovative developments, we have laid the foundation for a stronger international competitive position, from which we can benefit in the further strengthening of the market. Dutch offshore companies have the right knowledge, experience and equipment to maintain their position internationally among the top suppliers. We therefore strongly believe that our member companies will continue to cope with these challenges and make 2019 a successful year.

The IRO team will do its utmost to support its members wherever possible!

Association's Affairs

Adjustments IRO committees

We are in a landscape that is constantly moving, often focused on the Paris climate agreement. The need for, among other things, a structural energy transition seems to be great and unavoidable. Seen in that light, IRO (Board and office) has taken a good look at the committee structure. It has emerged that it is desirable to transform the committees into future-proof committees.

Important characteristics of the committees are:

Deepening themes; sharing knowledge; accessibility to everyone within IRO; striving for organizing a committee meeting with an average of twice a year; Chairman of a committee is also a Board member; supporting the IRO goals (networking, export promotion, knowledge sharing).

As from 2018 the new IRO committees are:

- Innovation & Technology
- International Relations & Communications
- Oil & Gas
- Renewables
- Sustainability & Safety

Adjustments categories membership

IRO maintains a category list of key activities of its members. The category list has been reviewed and made more compact and reduced from 15 to 11 categories.

The new categories are:

- 01 Seismic & hydrographic surveys
- 02 Drilling
- 03 Design, engineering, research, consultancy
- 04 Materials and equipment suppliers/manufacturers
- 05 Fabrication, construction, shipbuilding, repair
- 06 Civil construction and dredging
- 07 Inspection, M&R, pipeline, offshore installation
- 08 Transport, logistics
- 09 Health, safety, environment and QA/QC
- 10 Personnel, training & education
- 11 Trade associations, GO's, NGO's, associated activities

Trade & Export Promotion

Export promotion is one of the key areas of interest of IRO. **Working closely together with different stakeholders becomes even more vital, especially with the expansion into offshore renewables in mind. In 2018 again a large number of activities were organized, many of them in close cooperation with organizations such as NMT, FME, NWEA, HHWE, NABC, IADC and Dutch embassies. Participation in oil and gas exhibitions, outgoing and incoming trade missions and other export promotional activities can be found in below overview divided by country.**

Africa

Whereas Nigeria and Angola have been among the established oil producers for a long time, a further shift towards Africa is seen in more recent discoveries. Significant gas fields have recently been discovered in Senegal, Mozambique and Tanzania and upcoming oil and gas industries can be witnessed in Kenya and Uganda. Africa cannot be left out of the focus of the oil and gas sector in the future.

Mexico

The opening of the Mexican oil and gas industry has placed the country in the international spotlight. The Energy Reform in Mexico has been very successful, professional, fast and above all transparent until now. For the Oil & Gas sector, the reforms resulted in 107 new contracts with 73 companies from 20 countries with a total estimated investment of US\$161 billion. By winning nine offshore deep-sea blocks, Shell became the biggest private player in the Mexican market. The opening of the Mexican market brings new opportunities for the offshore industry.

From 24-26 September 2018 a group of 21 companies (of which 16 IRO members) joined the Oil & Gas Trade Mission to Mexico that was organized by the Embassy of The Netherlands in Mexico in collaboration with the Ministry of Energy of Mexico (SENER), the Dutch Energy Association (DEA) and IRO. Trade mission participants were also given the opportunity to visit the Mexican Petroleum Congress (CMP) in Acapulco, where the Dutch Energy Association hosted a Dutch Pavilion from 26-29 September 2018. Several IRO members also participated in the Dutch Pavilion.

Iran

As of November 2018 the United States fully re-imposed the sanctions on Iran that had been lifted or waived under the JCPOA. As a result our PIB activities had to be put on hold as of then.

Dutch Energy Solutions working group Iran

Dutch Energy Solutions (DES) is an FME and IRO initiative to assist companies in doing business in the oil and gas industry in the Gulf States. With the lifting of the sanctions, Iran has been included in the activities of DES. To assist Dutch suppliers to the oil and gas industry in doing business in Iran, the Working Group Iran (DES WG Iran) within Dutch Energy Solutions provides an exclusive platform



for sharing knowledge, combining Dutch forces and facilitating collective approaches in order to be more successful in identifying, winning and executing oil and gas projects in Iran.

DES WG Iran is financially supported by the Netherlands Enterprise Agency (RVO) under the Partners in International Business (PIB) program. In 2018 DES organized a Holland Pavilion at the Iran Oil Show (May).

Overview Dutch Energy Solutions activities 2018

- Trade Mission Qatar, 24-25 April 2018
- Holland Pavilion Iran Oil Show Teheran, 6-9 May 2018
- Trade mission Gas technology Abu Dhabi, 10-12 December 2018

As part of ongoing efforts to establish and maintain solid relationships with relevant countries IRO managed to welcome incoming delegations from Qatar, UAE and Iran to the Dutch Offshore Energy Exhibition & Conference in October 2018.

Saudi Arabia

“Saudi Arabia’s state oil giant Saudi Aramco plans to invest more than US\$300 billion in the next 10 years in oil and gas as it looks to counter the effects of investment decline and a potential energy shortage”, its chief executive said.

Aramco planned an initial public offering of 5% of its total corporate value in 2018. The IPO will secure more cash flow for the company to develop the energy sector in Saudi Arabia.

Saudi Arabian government is now more focusing on local content. Localization of critical industries, especially in oil, gas and maritime is a priority of Aramco and Saudi government. A new unit at Aramco was established in 2015 as New Business Development Unit. Their main task is to locate and attract companies to localize their industries in the Kingdom, offering them privileges and granting those future contracts.

IRO together with AOC and the Dutch Embassy have used 2018 intensively to establish and maintain a good relationship with Saudi Arabia. The mission organized in 2017 was followed by a trade mission to Saudi Arabia in November 2018.

United Kingdom

Together with the Netherlands British Chamber of Commerce an offshore wind trade mission was organized around the Offshore Wind Energy Conference in Manchester in June.

UK is still one of the countries with large installed capacity of offshore wind and solid development plans.



Overview international exhibitions 2018

In 2018 IRO members were overall interested in participating in several international exhibitions worldwide. In 2018 IRO organized Holland pavilions at the following exhibitions:

Offshore Technology Conference (OTC), Houston, USA

OTC is traditionally considered as the prime annual event where the entire global Offshore industry is meeting up. It is the place to be when it comes to meet professionals and exchange ideas and opinions to advance scientific and technical knowledge for offshore resources and environmental matters. In 2018 OTC celebrated its 50th edition. More than 61,300 attendees from all over the world visited the more than 2,000 exhibitors from over 40 countries across the globe.

IRO also reached a milestone: the 40th participation at OTC! Since 1978 IRO has been present with its Holland Pavilion. With

nearly 1,000 m², IRO traditionally has one of the largest pavilions at the exhibition, representing an impressive range of Dutch pride companies. The nearly 45 exhibitors at the Holland Pavilion represented a wide range of offshore products and services, varying from shipbuilding to offshore engineering.

With the Holland Network Reception in the Museum of Fine Arts Houston accommodating more than 325 guests, and support from TSW&M/Kernteam Export & Promotie via NML Trade Council, OTC 2018 can be considered as a great success.

Offshore Northern Seas (ONS), Stavanger, Norway

With 'Innovation' as its theme, ONS Exhibition & Conference in Stavanger, Norway, was very well attended this year. More than 68,174 visitors from 98 countries paid a visit to the exhibition. This is a positive increase compared to 2016, where the number of visitors was lower. Around 1,124 exhibitors from 37 countries showed their best side. In the 40 years of its existence, ONS has become one of

Overview Dutch Pavilions 2018

OTC	Houston, USA	May 2018	920 m ²
ONS	Stavanger, Norway	August 2018	480 m ²
WindEnergy	Hamburg, Germany	September 2018	380 m ²
ADIPEC	Abu Dhabi, UAE	November 2018	470 m ²

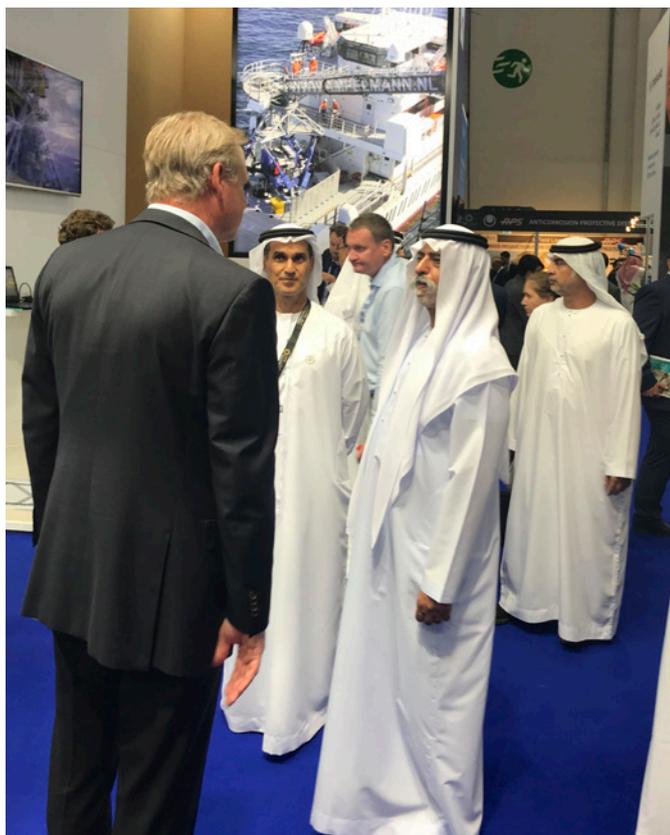
the leading exhibitions where oil and gas professionals share their knowledge and experiences.

Ambassador of the Netherlands in Norway, Tom van Oorschot, had informative meetings with the 24 exhibitors at the 480 m² Holland Pavilion and also hosted the Dutch networking reception on board the HNLMS Van Amstel.

WindEnergy, Hamburg, Germany

Together with NWEA and NMT, IRO attended the WindEnergy Hamburg exhibition with 30 companies in the 380 m² Dutch Village. WindEnergy attracted around 35,000 visitors to the 65,000 m² exhibition floor, spread over 9 exhibition halls in the Hamburg Messe. During the exhibition we had a scoop: one of the participating companies presented their latest climbing crane in front of the main entrance of the Hamburg Messe, which attracted a lot of attention. This climbing crane is the world's first independent climbing crane specifically designed for the construction of wind turbines.

Together with SeaReenergy and The Hague Business Agency a BBQ party was organized for the Dutch attendees. In addition, the Dutch Embassy in Germany hosted networking drinks at the Dutch Village.



ADIPEC, Abu Dhabi, UAE

With a very interesting mix of more than 24 Dutch companies participating in the nearly 470 m² Holland Pavilion, again ADIPEC proved to be the leading oil and gas show in the Gulf region. This year's edition attracted even more attendees and exhibitors compared to 2017. ADIPEC 2018 attracted over 145,000 visitors from 159 countries

and 2,200 exhibitors, spread over 15 exhibition halls, showed their best. Due to this increased number of attendees, the Holland Pavilion was well visited. Our exhibitors had a very good flow of visitors to their stands which in many cases led to interesting project leads and new business prospects. Even H.E. Sheikh Nahayan Mubarak Al Nahayan, Cabinet Member & Minister of Tolerance, paid a visit to the Holland Pavilion. So not only the Holland Pavilion has grown, it is also clear that ADIPEC has grown exponentially over the years and it keeps growing. Prior to ADIPEC there was a great networking opportunity in the Gulf region for IRO members: a unique visit to Saudi Aramco in Saudi Arabia.

The valuable support of the Dutch connection in the Gulf project and the Embassy of the Netherlands in Abu Dhabi offered ample opportunities for additional exposure and networking for the Dutch participants. Ambassador H.E. Frank Mollen had some nice conversations at the various stands visited in the Holland Pavilion.

The Holland Networking Reception, which was organized together with the Dutch Embassy in Abu Dhabi, at the Aloft hotel on Tuesday evening was considered one of the highlights of the week.

Conferences & Exhibitions endorsed by IRO

IRO endorsed, promoted and sponsored a number of conferences and exhibitions organized by third parties in the Netherlands.

Offshore Pipeline Technology 2018

From 27 February-1 March 2018 this conference took place in Amsterdam. IRO supported the event by providing event information in the IRO newsletter and by distributing the Netherlands Suppliers Catalogue among event participants. IRO members received a 20% discount on registration fee.

IADC Drilling HSE&T Europe Conference & Exhibition 2018

The IADC Drilling HSE&T Europe 2018 Conference & Exhibition took place on 25 and 26 September 2018 at the Beurs van Berlage in Amsterdam. The conference featured dynamic and interactive sessions, as well as professionally moderated panel discussions, that provided attendees with insights into industry-leading HSE&T trends. IRO supported the event by circulating event information among IRO members and distributing the Netherlands Suppliers Catalogue among event participants.

Offshore Energy Exhibition & Conference (OEEC)

Offshore Energy Exhibition & Conference (OEEC) 2018 was held at Amsterdam RAI on 23 and 24 October 2018, attracting more than 10,000 unique attendees representing 90 nationalities. OEEC 2018 featured over 550 exhibitors. IRO and NOGEP shared a large booth. IRO is a member of the Offshore Energy Committee of Recommendation and supports the Offshore Energy Opening Gala Dinner and Awards Show, the official start of the event.

(International) cooperation with other organizations

Over the year much attention was paid to cooperation with other organizations and associations for the purpose of exchanging information and exploring common areas of interest.

In the field of export promotion, a number of activities and events were organized jointly or with the support of the Netherlands Enterprise Agency (RVO), Dutch embassies and consulates abroad, Maritime by Holland (NML) and FME-CWM. Exchange of professional information took place with the Royal Netherlands Society of Engineers (KIVI), the Central Dredging Association (CEDA), FME-CWM and various Maritime by Holland (NML) partners. Several joint activities, such as technical seminars and presentations, were organized during the year. IRO would like to thank these organizations for the pleasant cooperation.

At national level, IRO maintained its close ties with NOGEPa by a frequent exchange of views on a number of subjects of mutual interest.

IRO also participated in the regular consultation meetings with the State Supervision of Mines (SodM), NOGEPa and IADC. These meetings have proved to be a very successful medium for exchanging information and reaching agreement on common viewpoints regarding topics such as legislation, HSE issues and labour conditions.

Maritime by Holland (NML)

This platform wants to improve the image and the reputation of the complete Dutch maritime cluster, consisting of 12 sectors. Since offshore plays an important role in this cluster, IRO participates in board meetings and councils dealing with innovation, export, human capital and public relations. Active participation in Maritime by Holland (NML) activities in 2018 resulted in enhanced exposure for the offshore oil and gas industry in the 2018 Maritime Monitor and the nomination of the OTC exhibition in Houston as a strategic exhibition in 2018. Sander Vergroesen, Managing Director IRO, is chairing the Maritime by Holland (NML) Trade Council.

EURONET

At international level, the useful and amicable cooperation with our fellow European organizations was maintained through the informal EURONET network. EURONET now consists of the national associations of the United Kingdom (The EIC, ITF, Decom North Sea), Norway (Norsk Industri), Denmark (DMOG), Belgium (Energy Technology Club - Agoria), France (Evolen) and the Netherlands (IRO).

Network Events

Several times a year IRO organizes meetings with and for its members. The main goal of these meetings is to give members the opportunity to meet and exchange ideas and to do business successfully by using the association's vast network.

In general the host company gives a presentation about its activities, which is followed by an excursion and drinks with an opportunity for networking. For the host company this is a great opportunity to provide greater insight into its business activities. As there is a limited amount of member meetings possible per year, IRO gives new IRO members the opportunity to give a 2-minute pitch during a member meeting. To create a larger network, IRO also organizes meetings to which non-members are invited.



IRO New Year's Reception

On 10 January 2018 another successful IRO New Year's reception took place at 'Sociëteit de Witte' in The Hague. IRO Chairman Pieter van Oord, Managing Director Sander Vergroesen and several Board members traditionally welcomed the guests at the entrance. Honorary Member Gert-Jan Kramer was also present. The annual reception is a continuous success and with 325 guests very well visited. In his speech Pieter van Oord mentioned that although many challenges will be presented the coming years due to low oil prices, the Dutch cluster will come out of the crisis stronger than before. There will be many opportunities both in the field of conventional and sustainable energy. He advised to continue to focus on cost price leadership, to work on innovations, to cooperate within the industry and to enter new markets such as offshore renewables and decommissioning.

CEDA-NL / IRO meeting on the future of wind at sea

On 8 March 2018 some 120 people participated in an interactive IRO-CEDA meeting around the central theme: 'The future of wind at sea'. Speakers from the Dutch Government (Netherlands Enterprise Agency), DNV-GI and Rabobank gave their long-term vision for wind at sea from different angles, like investment, policy, classification and innovation, with a particular view on the North Sea. The meeting was closed with network drinks.



EY-IRO Oil & Gas Industry Forecast

On 27 March 2018 over 180 people from the offshore and maritime industry gathered at the STC building in Rotterdam for the annual EY-IRO Oil & Gas Industry Forecast event. Malcolm Dickson from Wood Mackenzie commented on current and future investments, both in the North Sea as well as from a global perspective. EY presented the results of its latest Dutch Oilfield Services Survey. In view of the strong growth of renewables on- and offshore, new opportunities and challenges arise. René Peters of TNO explained how system integration between offshore wind and offshore gas can give another boost to the energy transition. Keynote speaker Rob van der Hage of TenneT presented the challenges to create a stable and secure energy distribution system in Europe.

Member meeting at Orga

About 80 IRO members were present at the IRO member meeting at Orga on 5 April 2018. Orga develops and produces smart offshore and onshore obstruction markings, navigation aids, CAP 437 helideck lighting and autonomous power supply systems for the onshore and offshore in the oil, gas, wind, telecommunications and industrial sectors. After a welcoming word by Sander Vergroesen, Managing Director IRO, new IRO members Amphibious Energy, Intrepid Safety Products, Mistras, PAT-Krüger, ProLabNL and XKP were given the opportunity to give a 2-minute pitch on their companies. Dieter Marquardt and Christian van Beest gave presentations on the products and services of Orga. Jelle Lanting from Bayards, followed with a presentation on the application of lighting on Bayards' helidecks and the cooperation

between the two companies. Hans Timmers, Chairman of NWEA, showed us what challenges and opportunities lie ahead of us in the offshore wind industry. Sander Vergroesen stressed that there are mainly abroad still plenty of opportunities in the upstream oil and gas industry.

After the presentations the IRO members were invited to join an interesting guided tour through the production-, R&D-, testing- and packaging areas. The meeting was closed with network drinks.

Member meeting at OOS International

OOS International was the host of the very successful last IRO members meeting before summer on 12 June 2018. More than 150 IRO members were present to hear all about the impressive projects of the company and joined a guided tour at the beautiful headquarters in Serooskerke.

OOS International is an international offshore organization with the focus on accommodation, heavy-lift services, P&A and ship management. The fleet consists of various multifunctional semi-submersibles and multi activity jack-ups. All vessels are equipped with large lifting capacity, extensive accommodation facilities for 500-750 people and a spacious deck capacity. In addition to installing and decommissioning platforms, OOS also offers its services for the wind industry.

The day started with some inspiring pitches of new IRO member companies that joined the association at that time (ECMT,

Seacontractors, Hydrasun, RSC Bio Solutions). This was followed by presentations from the companies OOS International, N-Sea and Multra Ship/Novatug. As the office is located in a monumental building and park, OOS International chose to organize a guided tour at the grounds explaining the rich history and artefacts.

Member meeting at Holmatro

IRO, together with HHWE and NWEA, organized a meeting at Holmatro in Raamsdonkveer on 6 September 2018. Holmatro hydraulic equipment and system solutions are predominantly used in rescue, special tactics and industrial applications around the world. In offshore wind, Holmatro delivered a complete TP levelling set to one of the first offshore wind parks in the world: Belwind. Next to levelling and fixation, Holmatro also offers seafastening solutions. During a guided tour, Holmatro gave a glimpse into the entire production process of the hydraulic equipment by means of a number of demonstrations.

During the meeting HHWE, NWEA and IRO gave an update on the activities of the Wind Export Promotion & Events Platform. Also the Asia Wind Energy Association joined the meeting to give insight in its activities. The meeting was closed with network drinks.

Member meeting at Barge Master & Temporary Works Design

On 13 September 2018, IRO organized a member meeting at Barge Master and Temporary Works Design (TWD) in the Rotterdam Science Tower. Barge Master specializes in increasing offshore workability.

They deliver wave motion compensated products that help their customers eliminate weather influences and stay in control of the schedule. Barge Master delivers 3D motion compensated platforms, cranes and gangways. Temporary Works Design (TWD) is an engineering company that specializes in creating custom-designed tools and constructions with which civil and offshore contractors can carry out their transport and installation projects safely and on time. Martijn Koppert, director of Barge Master/TWD welcomed the members and gave an introduction about the company.

This was followed by inspiring presentations by Henrik Moorrees from Shell, Marco Gremmen from Tideway, Richard Krabbendam, Heavy Lift Specialist and Peter Loef from BEEQUIP. After the presentations the participants were taken on a guided tour. The afternoon ended with network drinks.

Member meeting at Den Helder Airport

On 1 November 2018, an IRO member meeting took place at Den Helder Airport. Co-host was CHC Helicopters Netherlands. The meeting was organized in collaboration with Ontwikkelingsbedrijf Noord-Holland Noord.

Over the years, Den Helder Airport has developed into one of the largest offshore heliports in North-West Europe. Helicopters transport offshore workers on a daily basis to and from oil rigs and oil and gas production platforms on the Dutch Continental Shelf. This is due to its ideal location in relation to the primary oil and gas fields that are located centrally and in southern parts of the North Sea. Presentations





were given by Nick Waterdrinker, Business Development Den Helder Airport and Malte Renz (New Energy Coalition/Energy Delta Institute) and Kees Wouters (One Peterson) about opportunities in the North Sea with hydrogen. The presentations were followed by an impressive tour and a demonstration in the hangar. The afternoon ended with network drinks.

Annual General Meeting at Van Oord

On 21 November 2018 the IRO Annual General Meeting took place at Van Oord in Rotterdam, attended by 130 IRO members.

The main items on the agenda for the Annual General Meeting were the reflection of IRO's activities during 2018; the financial closure of 2018; a short view on focus areas for the (near) future; budget 2019 presentation and approval; stepping down of Board members Jeff Sluijter and Jan Willem van der Graaf; and the appointment of Board members Bruno Jelgerhuis (EY) and Koos-Jan van Brouwershaven (Heerema Fabrication Group & Heerema Marine Contractors).

During the public part of the meeting, Chairman of IRO, Pieter van Oord, gave his views on the future developments in the oil and gas and offshore renewable industry. Also Wouter Dirks, Manager Engineering & Estimating Energy, presented the audience with an overview of Van Oord's innovations in Offshore wind.

Young IRO's Vice-Chairman Jiska Bazuin followed with an update on Young IRO's activities and future plans where the young and established

work together on a bright offshore future. After the presentations all attendees were invited to join an interesting guided tour with presentations at the simulators area. Drinks and bites at the end of the afternoon offered everybody the opportunity to mingle and network.

Human capital & Education

Throughout the year 2018 IRO cooperated with NOGEPa on topics such as human capital, education, labour and safety training related issues. Together both associations cover the oil and gas industry as a whole; NOGEPa from an operator perspective, whilst IRO represents the supply chain.

IRO and NOGEPa continued its efforts to attract more qualified young staff to our industry. At various levels input was given into educational programs and events.



Exhibitions

IRO and NOGEPa were present at the **Maritime & Offshore Career Event** in Rotterdam in March 2018 and at the **Offshore Energy Conference** in the RAI in October 2018 to promote our industry and to attract students to the vacancies in our sector.

HBO Offshore Network

More than 180 HBO students attended the HBO Offshore Network Symposium at HZ University of Applied Sciences in Middelburg on 15 November 2018. Presentations were given by TenneT, TNO and North Sea Energy. During the afternoon program, HBO students worked in teams on technical solutions that could lead to important breakthroughs. The winner of the best solution was a team from the Arnhem & Nijmegen University of Applied Sciences. They received the HBO Offshore Award 2018. The HBO Offshore Network and the HBO Offshore Symposium are supported by IRO. On behalf of Young IRO, Jiska Bazuin was therefore present at the information market to present the Netherlands Suppliers Catalogue to students who are looking for a graduation assignment or internship.

Qompas

IRO and NOGEPa are supporting the career tests 'Studiekeuze' for secondary education and 'Sectorkeuze' for vocational students. The job descriptions mentioned in the tests are accompanied by short videos. By means of newsletters and e-mails around 12,000 students of secondary education have been reached in order to promote the oil & gas and offshore sector. Nevertheless, due to disappointing results, budgetary and staffing reasons,

IRO and NOGEPa have jointly decided to end the campaign by September 2019.

Dutch Maritime Cluster Monitor 2018

Maritime by Holland (NML) has published the Dutch Maritime Cluster Monitor 2018 in October. This report is initiated by command of the Minister of I&W in cooperation with NML and was executed by ECORYS. IRO members have provided statistical data for the offshore sector for this report.

Jet-Net

IRO is a member of Jet-Net and promotes this initiative among the IRO members.

Training courses

Course Offshore wind basics

IRO offers an offshore wind basics course, in close collaboration with the DOB-Academy in Delft. This course has been developed for newcomers in the offshore wind industry and others interested in the sector. Background knowledge or a technical education is not required. In this course participants will learn the basics of the offshore wind energy industry in inspiring lectures, which will contribute to understanding this rapid growth and identifying possible opportunities for the company. The lectures are accompanied by two practical cases in which the gained knowledge will immediately be put into practice. In 2018 five courses have been given at the DOB-Academy and two in-house courses for employees at their own premises.

Course Oil & Gas Well Sourced

This course is given at the Maritiem Museum in Rotterdam. The course gives insight into how oil and gas fields are formed, explored and put into production and provides an overview of how the industry works. Part of the course is an active participation in the Offshore Experience. In the Offshore Experience you will go on a challenging search for energy from oil, gas and wind.

This course has been developed especially for non-technical employees or starters in the energy world, more particular the offshore industry.

It is also possible to organize an in-house course for employees at their own premises. In 2018 we organized four courses in the Maritiem Museum and one in-house course for employees at their own premises.



Young IRO

The year 2018 for Young IRO can best be described as 'dynamic and energizing'. It is the second year in which Young IRO is working on a future-proof offshore industry, linking all professions, age groups, and genders within the IRO Community.

Empowering the Young Generation in the Offshore Industry

Our mission is to facilitate continuous learning, development & knowledge exchange through business friendships between young industry professionals. Young professionals are key in achieving our mission and we are very excited that during 2018 our members have increased by 50% to a group of 220 young professionals.

We are happy to look back at a year where we have organized various successful events for our members with informative Intelligent events and networking opportunities. In March we had a 'Meet Your Industry Counterpart' event at DOB Academy. This was followed by a successful event about Blockchain in the Offshore industry, organized together with Young IHC, in June. During the Offshore Energy Conference in October we organized an event with the theme 'Paving our way to a bright Offshore Future, together', where we discussed ways on how to improve cooperation between the different generations within the industry.



Looking ahead

In 2018 we had Sander Morshuis, Amber Nossent and Sophie van Zanten join the Young IRO board. With these new additions we are well equipped to make 2019 even more successful. We are excited that the topics of the Young IRO events have resonated with our community. As a result, some of our events were even fully booked within a day. To follow that trend, 2019 already has some interesting events lined up. It is going to be a year where we will focus on hot topics like Machine Learning, combined with events that show the diversity of the Dutch companies that provide Offshore services.

These past two years we have met highly talented young professionals in the Young IRO network, and we are convinced that the industry is well placed to meet the challenges of the future. 2018 would not have been this exciting without the support of the Dutch Offshore Industry. Via this way we would like to thank you again for your support. We are excited to continue and follow our vision to work towards a future-proof industry and to empower the Young Generation.

Trending topics

Offshore Renewables

The offshore wind energy industry is booming. In almost all European offshore wind projects Dutch companies are involved. IRO members with their offshore know-how and equipment from the offshore oil and gas industry play an important role in especially the maritime installation part of offshore wind energy projects. Reason why IRO organized or supported a large number of offshore wind related activities in 2018.

- The yearly CEDA-IRO meeting and the annual EY-IRO Oil & Gas Industry Forecast meeting in March 2018 both had offshore wind in their themes.
- Symposium 'Moving away from fossil fuels – great opportunities for the oil and gas industry' organized by KIVI on 1 May 2018, with keynote speakers Jeroen van der Veer (former CEO Royal Dutch Shell), Ruud Koornstra (first Energy commissioner for the Netherlands) and Marjan van Loon (CEO Shell Nederland).
- Offshore Wind Mission to the UK from 18-20 June 2018 in cooperation with the Netherlands British Chamber of Commerce and Holland Home of Wind Energy. The mission was organized in combination with a visit to the Global Offshore Wind Exhibition in Manchester. The mission was a follow-up to previous successful annual trade missions to the United Kingdom.
- IRO in cooperation with NWEA and NMT organized a Dutch Village at the WindEnergy Hamburg exhibition in September 2018.
- NL-USA Offshore Wind mission from 15-19 October 2018, organized by HHWE and Innovation Quarter, and supported by IRO, NWEA, Rotterdam Partners and the Dutch Government. Part of the mission was a visit to the AWEA Offshore WINDPOWER Conference. Continued by a visit to Boston (MA) company visits, networking receptions and roundtable discussions.
- IRO promoted the Taiwan Offshore Wind mission from 16-20 April 2018 and the China Offshore Wind mission from 14-18 May 2018, both organized by HHWE. IRO members were offered discount on participation fees.

Debate on the implementation of the new Energy and Climate Agreement

On 5 October 2018 an IRO meeting took place at Rabobank Utrecht on behalf of IRO's Oil & Gas Committee. The new Energy and Climate Agreement with its opportunities and possibilities in the North Sea was the central theme of the program. During this afternoon session, the opportunities and possibilities in the North Sea were discussed from various angles. Remco de Boer led the debate, where various parties who also participated in the Climate Tables, shared their views on the new agreement. Interesting presentations were given by Rabobank, the Dutch Sustainable Energy Association,



NAM and the Netherlands Environmental Assessment Agency. Jo Peters from NOGEPa and Hans Timmers from NWEA joined the panel discussion which created a lively debate with highly differentiated input from a highly expert panel.

Meeting on Floating Wind

On 22 November 2018 a joint NWEA/HHWE/IRO member meeting on Floating Wind was organized in Scheveningen. Floating Offshore Wind (FOW) is complimentary to Bottom Fixed Offshore Wind (BFOW) and holds the key to an inexhaustible resource potential in Europe as 80% of all the offshore wind resource is located in waters 60 m and deeper in European seas, where traditional BFOW is not economically attractive. While FOW technology was previously confined to R&D, the technology has developed significantly in recent years, and FOW is now ready to be integrated into the energy market. The set-up of this meeting was aimed at providing a global overview of current and future project developments in Floating Wind (by Erik Rijkers, Quest Floating Wind Energy, LLC (Q FWE)), to give an insight in supply chain opportunities (by Bruno Geschier, Ideol/Task Force Floating Wind WindEurope) and to hear experiences from a contractor's perspective on the do's and don'ts in this market segment (SBM Offshore). After the plenary part of the meeting, the market place provided a podium to companies to present their proposition for Floating Wind and to interact with the participants, while enjoying network drinks.

Decommissioning

Decommissioning of Dutch oil and gas assets will be an important topic over the coming two decades as a large portion of these assets will reach the end of their economic life in this period. As the economy is moving towards a renewable future, this presents an opportunity to re-use existing infrastructure to support renewable investments before safe and sustainable decommissioning.

Presentation of Nexstep's first Re-use and Decommissioning Report

On 5 July 2018 the first Re-use and Decommissioning Report by Nexstep was officially presented. The presentation was followed by an in-depth discussion with Pieter van Oord, René Peters (TNO), Jan Willem van Hoogstraten (EBN) and Jo Peters (NOGEPa). The report can be viewed at www.nexstep.nl.

Hackathon Decommissioning

This joint event of Nexstep, IRO and the Oil and Gas Authority in the UK on collaboration and lowering decommissioning costs of oil and gas infrastructures in the Southern North Sea basin, took place on 24 October 2018 during the Offshore Energy Exhibition & Conference.

Corporate social responsibility and sustainability

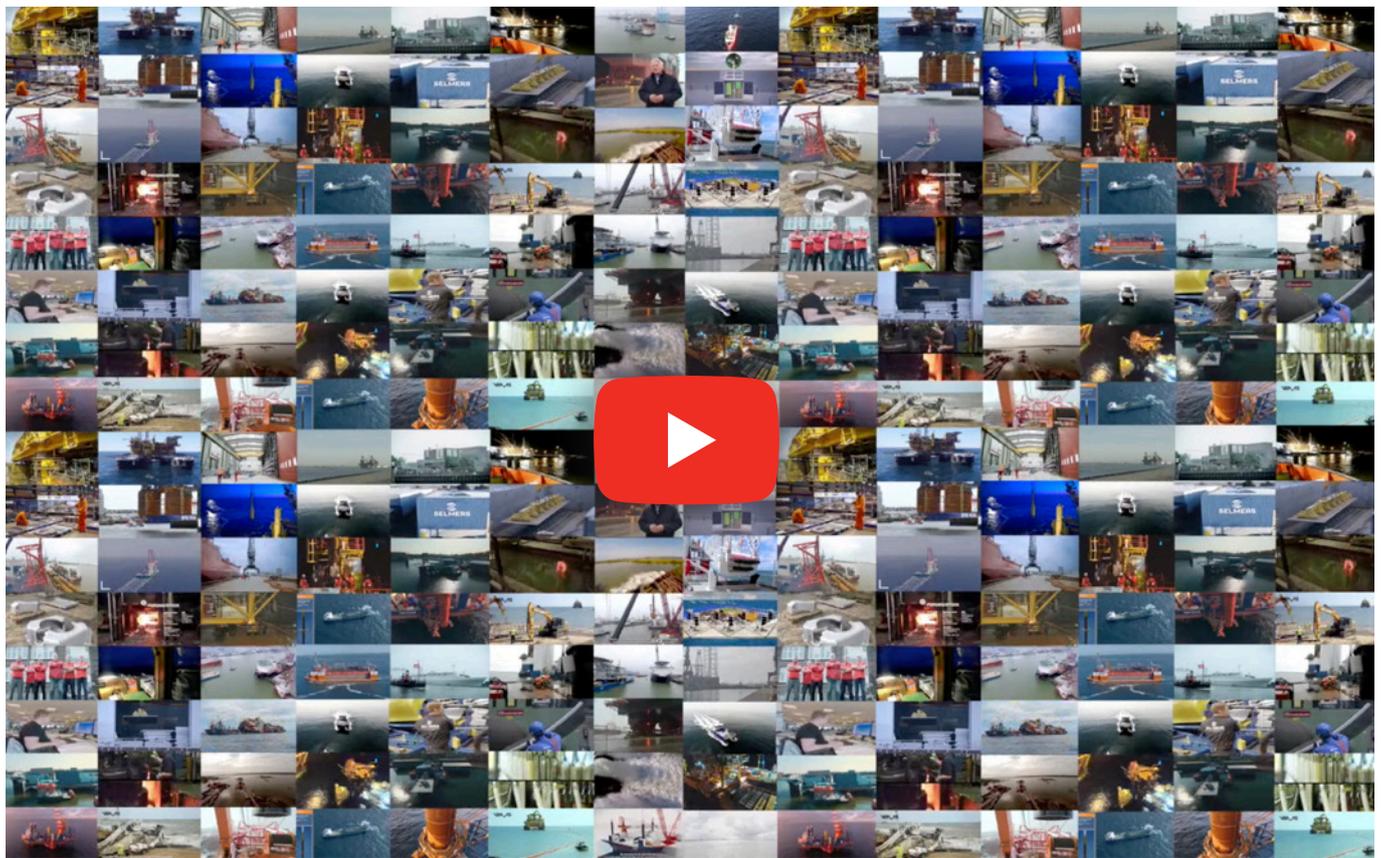
All sorts of industries are looking for sustainable alternatives for products and processes that are detrimental to the environment. Also in the offshore sector. There is attention for innovations that do not leave 'footprint'. It will not take long before major changes take place and give the sector a new look. Companies are creative about the search for product and business sustainability.

Meeting on corporate responsibility

On 12 April 2018, the IRO Corporate Responsibility working group welcomed more than 80 participants at Fugro TechCentre Nootdorp for the Corporate Responsibility (CR) event. Under the enthusiastic leadership of Remco de Boer, a number of IRO members, such as Boskalis, Van Oord, New Horizon and Royal HaskoningDHV reported on their sustainability activities.

The IRO working group supports the sector and specifically the IRO members in their CR activities by providing insight into their sustainability performance. For this, IRO made a special agreement with the National Sustainability Institute (Nationaal Duurzaamheid Instituut) for all IRO members to receive 50% discount on participation in the Global Sustainable Enterprise System (GSES) for one year. The Global Sustainable Enterprise System (GSES) is a global sustainability standard that can measure, assure and certify the sustainability performance and goals of any organization.





Public Relations & Media exposure

International Relations & Communications Committee

In 2018 four IRCC meetings were organized on 15 March, 15 May and 18 September and 4 December. Main subjects on the agenda were the new IRO corporate industry film, the new IRO website, and the adjustment at classification of categories (blood groups) of the IRO membership.

IRO Newsletter

The IRO Newsletter is sent every month. The messages are short and concise with a click to the website for the complete message, which creates more traffic to the website in favor of the members. A calendar is directly linked to the event item which facilitates swift registration. New members are also included with a click-through to their members profile on the website.

Netherlands Suppliers Catalogue

The Netherlands Suppliers Catalogue provides a good overview of the activities, products and services of Dutch suppliers to the oil and gas industry and offshore renewable industry and is an important tool for companies to present themselves. Every year around 6,000 copies of this catalogue are sent to embassies and international parties all over the world. Due to decreasing interests of hardcopies, the amount has been adjusted to 4,000 copies as from 2019. The catalogue is

IRO corporate industry film

IRO has developed a new corporate industry film to be used at (international) exhibitions, trade missions, during seminars and presentations. The film is also available for all members and we invite you to use and share it optimally. It is available at the IRO website. Once again, many thanks to all IRO members for their footage to make this film possible!

also handed out at exhibitions, trade missions members meetings, training courses, career events, etc. The Netherlands Suppliers Catalogue can be found online at www.iro-catalogue.nl.

Ocean Energy Resources

Ocean Energy Resources is a publication for the oil, gas and offshore wind energy industry published by the publishing company Uitgeverij Tridens in IJmuiden, the Netherlands. IRO contributes editorial pages to this bi-monthly magazine. Every IRO member receives a free copy. The online version of the magazine can be found at www.ocean-energyresources.com.

Offshore Holland

The purpose of this magazine is to inform the international oil and gas industry of the services provided by Dutch companies that are related to the offshore industry. In addition, technological developments are announced and the magazine contributes to a positive image

and positioning of the Netherlands as an innovative and resourceful partner country. Offshore Holland is published and distributed at major oil and gas events such as the Offshore Technology Conference in Houston, Offshore Europe in Aberdeen, Offshore Northern Seas in Stavanger, ADIPEC in Abu Dhabi, OSEA in Singapore and Oil & Gas Asia in Kuala Lumpur.

LinkedIn

IRO's LinkedIn company page (IRO - The Association of Dutch Suppliers in the Oil and Gas Industry and Offshore Renewable Industry) already has 1,200 members linked. News items are shared by IRO on a regular basis. All IRO members are invited to follow the company page and stay up-to-date with IRO's news and activities.

Press

Several interviews or input for articles were provided in national and international media over the year. Topics ranged from overviews of the Dutch offshore oil, gas and offshore renewable industry to the innovative mentality of the Dutch suppliers' industry and the strength of networking in the industry.

Maritime by Holland (NML) Communications panel

IRO is a member of the Maritime by Holland editorial advisory board and the Maritime by Holland Communications panel.



Photography & Images

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| Acta Marine | NorthCmedia |
| Allseas | Pedemex |
| Bayards Aluminium Constructies | RelyOnNutech |
| BigLift Shipping | Royal IHC |
| Dutch Energy Association | Seafox |
| Heerema Marine Contractors | Seaway Heavy Lifting |
| Jack-Up Barge | Van Oord |
| Navigo | Vroon Offshore Services |

Membership list

- O** 80:20 Procurement Services NL, www.8020procurement.nl
- A** Abuco BV, www.abuco.nl
Acta Marine, www.actamarine.com
AF Offshore Decom B.V., www.afgruppen.no
Airborne Oil & Gas, www.airborneoilandgas.com
AKD, www.akd.nl
Alara-Lukagro, www.alara-lukagro.com
ALE Heavylift BV, www.ale-heavylift.com
Alfa Laval Benelux BV, www.alfalaval.nl/oil-and-gas
Allard-Europe NV, www.allard-europe.com
Allrig BV, www.allriggroup.com
Allseas Engineering, www.allseas.com
Althen Sensors & Controls, www.althensensors.com
Ampelmann Operations BV, www.ampelmann.nl
Amphibious Energy BV, www.amphibiousenergy.com
Amsterdam Industrial Design BV, www.amstindes.nl
Anamet Europe BV, www.anamet.nl
AncoferWaldram Steelplates, www.ancoferwaldram.com
Antonius Vessel Heads, www.antonius.nl
Assai Software Services BV, www.assai-software.com
Astava, www.astava.com
Atlas Copco Rental, www.atlascopcorental.nl
Atlas Professionals, www.atlasprofessionals.com
Auxilium Offshore B.V., www.auxiliumoffshore.com
AVT Hydrauliq, www.hydrauliq.nl
Azimuth Marine B.V., www.azimuth-marine.nl
- B** Baker Hughes a GE Company, www.bhge.com
Bakker Sliedrecht, www.bakkersliedrecht.com
Balluff BV, www.balluff.nl
Barge Master BV, www.barge-master.com
Bayards Aluminium Constructies BV, www.bayards.com
Belfor Technology (Nederland) BV, www.belfor-technology.nl
BigLift Shipping BV, www.bigliftshipping.com
Blue Offshore, www.blueoffshore.com
Bluebird Consultant, www.bluebird-consultant.nl
Bluestream Offshore BV, www.bluestreamoffshore.com
Bluewater Energy Services BV, www.bluewater.com
BMT Europe B.V., www.bmt-mercury.com
BOIS Equipment Rentals BV, www.boisbv.com
Bolidt Synthetic Products and Systems, www.bolidt.com
Bolster Safety, www.bolstersafety.com
Bosch Rexroth BV, www.boschrexroth.com
Boskalis BV, www.boskalis.com
Bredenoord, www.bredenoord.com
Bremen Machinery, www.bremen-machinery.nl
Bremen Offshore, www.bremen-offshore.nl
Broekman Logistics BV, www.broekmanlogistics.com
Bronswerk Heat Transfer, www.bronswerk.com
Brooks Instrument BV, www.brooksinstrument.com
Brunel Energy, www.brunel.net
Brunel Engineering Oil & Gas, www.brunel.nl
Burdock Project Consultants, www.burdock.com
Bureau Veritas (Netherlands), www.bureauveritas.com
Buren NV, www.burenlegal.com
- C** C-Job Naval Architects, www.c-job.com
C-Ventus Offshore Windfarm Services BV, www.disa-international.com
CargoFlexX, www.cargoflexx.com
CBOX Containers Netherlands BV, www.cboxcontainers.com
Cebo Holland BV, www.cebo.com
Centre of Expertise Water & Energy, www.coe-we.com
CEVA Showfreight, www.cevashowfreight.nl
CHC Helicopters B.V., www.chcheli.com
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CLAFIS, www.clafis.com
CMS NV, www.cms-dsb.com
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Conbit BV, www.conbit.eu
Conquest Offshore Operations BV, www.conquestoffshore.com
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Copier Bevelmachines, www.bevelmachines.com
Coronam BV, www.coronam.nl
Crownier's Services BV, www.crownierservices.nl
- D** Damen Shiprepair Rotterdam BV, www.damenshiprepair.com
Damen Shipyards Gorinchem, www.damen.com
Damen Verolme Rotterdam, www.damenshiprepair.com
Daslik Holding BV, www.daslik.nl
DBR BV, www.dbr-bv.nl
DCN Diving BV, www.dcdndiving.com
De Graaf Aandrijvingen BV, www.degraaf-aandrijvingen.nl
De Haan Special Equipment BV, www.dehaan-se.com
De Nooij Stainless BV, www.denooij.nl
DE REGT Marine Cables, www.deregtcables.com
De Ruyter Training & Consultancy BV (DRTC), www.drtc.nl
Deep BV, Hydrography & Geophysics, www.deepbv.nl
DeepOcean Group Holding, www.deepoceangroup.com
Deloitte, www.deloitte.com
Delta Safety Training, www.deltasafetytraining.com
Deltares, www.deltares.com
DEME Offshore, www.deme-group.com
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Dieseko Group, www.diesekogroup.com
DNV GL, www.dnvgl.com
DOB - Academy, www.dob-academy.nl
Doedijns, www.doedijns.com
Douma Group, www.douma.nl
Draka / Prysmian Group, www.prysmiangroup.com
Dredging & Contracting Rotterdam, www.jandenu.nl
DSM Dyneema BV, www.dyneema.com
- E** Eager.one, www.eager.one
EBN BV, www.ebn.nl
EEW-CTS BV, www.eew-group.com
EIN enterprise, www.einenterprise.com
ELA Container Offshore Accommodation, www.ela-offshore.com
Elcee Holland, www.elcee.nl
EMAR Offshore Services, www.emaroffshoreservices.com
EMCÉ Winches BV, www.emce.com
Endures BV, www.endures.nl
Enersea, www.enersea.nl
ERIKS Flow Control, www.eriksflowcontrol.nl
Escher Process Modules, www.escher.nl
Expro North Sea Ltd, www.exprogroup.com
EY, www.ey.nl
- F** Fabricom Offshore Services B.V., www.engie-fabricom.com/NL
Fluiconnecto, www.fluiconnecto.nl
FMTC BV, www.fmtc.nl
Formaco Forgings & Castings, www.formaco.nl
Foru-Solution, www.foru-solution.com
FourCT, www.fourct.nl
Frames, www.frames-group.com
Frank's International Coöperatief UA, www.frankscasing.com
Fugro, www.fugro.com
- G** G4S Training & Safety Solutions BV, www.g4s.nl
GAC Netherlands, www.gac.com
GEA Nederland (GEA Westfalia Separator), www.gea.com
Geomil Equipment, www.geomil.com
Georg Fischer NV, www.georgfischer.nl
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GloMar Offshore BV, www.glomaroffshore.com
Gouda Holland, www.goudaholland.nl
GranEnergia, www.granenergija.com
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Hatenboer-Water, www.hatenboer-water.com
Heerema Fabrication Group SE, www.heerema.com
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Height Specialists BV, www.heightspecialists.nl
Helder Oil & Gas BV, www.helders.com
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Hobré Instruments BV, www.hobre.com
Holland Legacy Pump Group, www.hlpgroup.nl
Honeywell BV, www.iac.honeywell.com
Honor Safety & Consultancy BV, www.honor-safety.nl
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Huisman, www.huismanequipment.com
Hycom BV, www.hycom.nl
Hydac, www.hydac.com
Hydrasun, www.hydrasun.com
Hytorc Nederland BV, www.hytorc.nl
- I** ICARUS Industrial B.V., www.icarus-hex-group.com
Iemants, www.iemants.com
IFS BeNeLux BV, www.ifsworld.com
IHC IQIP BV, www.ihciqip.com
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Ingenieursburo Gommer BV, www.gommer.nl
InterDam, www.interdam.com
International SOS, www.internationalsos.com
INTRAMAR Insurances, www.intramarnl.com
Inventheon, www.inventheon.com
IOT Holland, www.iot-dosco.nl
iPS – Powerful People, www.ipspowerfulpeople.com
IRM Europe BV, www.irmeurope.com
Istimewa Elektro, www.istimewa.nl
Iv-Consult, www.iv-consult.nl
Iv-Offshore & Energy BV, www.iv-offshore-energy.com
IVM (Instituut voor Veiligheid & Milieu), www.werkveilig.nl
- J** Jack-Up Barge BV, www.jackupbarge.com
JB Systems Industrial Automation BV, www.jbssystems.nl
JLT Netherlands BV, www.jltrisk.nl
Jumbo Offshore VOF, www.jumbomaritime.nl
- K** Kalkman Handelsonderneming, www.kalkman-handel.nl
KCI the engineers BV, www.kci.nl
KENC Engineering BV, www.kenc.nl
Kenz Figeo Group, www.kenz-figeo.com
KH Engineering, www.khe.eu
Konutherm BV, www.konutherm.com
KPMG, www.kpmg.nl/energie
KPS B.V., www.kpsnl.com
Kreber, www.kreber.nl
KWINT Offshore B.V., www.kwintoffshore.com
- L** Lankhorst Engineered Products BV, www.lankhorst-offshore.com
LIFT2WORK b.v., www.lift2work.nl
Lloyd's Register EMEA, www.lr.org
LUC Group, www.lucgroup.com
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Machinefabriek Heerbaart, www.machinefabriek-heerbaart.com
Mammoet, www.mammoet.com

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- N** N-Sea, www.n-sea.com
- Navigo BV, www.navigo.com
- Nederlandse Aardolie Maatschappij BV, www.nam.nl
- Neptune Marine, www.neptunemarine.com
- Nevesbu BV, www.nevesbu.com
- NHL Stenden Hogeschool, www.nhlstenden.com
- Niron Staal Amsterdam BV, www.nironstaal.nl
- NMT Global Project Logistics, www.nmtprojects.com
- O** Oceanteam, www.oceanteam.no
- ODS Metering Systems B.V., www.ods-metering-systems.com/nl/
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- Onstream European Consultancy, www.onstreamgroup.com
- OOS International, www.oosinternational.com
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- Oudkerk, www.oudkerk.com
- P** Paradigm Group, www.paradigm.eu
- Paragon Offshore BV (a Borr Drilling Company), www.paragonoffshore.com
- Parker Hannifin Benelux BV, www.parker.com
- PAT-Krüger, www.pat-kruger.com
- PECO Douwes Group, www.pdg.nl
- Pedemex, www.pedemex.nl
- Petrofac Training Services BV, www.petrofactraining.com
- Petrogas Gas Systems BV, www.petrogas.nl
- PetroQuip BV, www.petroquip.nl
- Plaatwalsenrij Purmerend, www.plaatwalsenrij-purmerend.nl
- Plant Products, www.plantproducts.nl
- Pleuger Water Solutions BV, www.pleuger.nl
- Pliant Offshore, www.pliant-offshore.com
- Port of Amsterdam, www.portofamsterdam.com
- Port of Den Helder, www.portofdenhelder.eu
- Port of Rotterdam, www.portofrotterdam.com
- PricewaterhouseCoopers Belastingadviseur NV, www.pwc.com
- Pronomar, www.pronomar.com
- Q** Quercus Technical Services, www.qts.nl
- R** Rabobank Wholesale Clients Netherlands, www.rabobank.com
- Rae Benelux, www.rae.nl
- Red Box Energy Services, www.redboxgroup.com
- RedWave BV, www.redwave.nl
- Redwise Maritime Services BV, www.redwise.com
- RelyOn Mutec, www.relyonmutec.com/en_nl
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- Rhenus Logistics B.V., www.nl.rhenus.com
- Ridderflex & Plastics BV, www.ridderflex.nl
- Rider International, www.ridercorp.com
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- Rolloos, www.rolloos.com
- Roodhart Marine & Offshore Services BV, www.roodhart.com
- Ropeblock, www.ropeblock.com
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- Royal IHC, www.royalihc.com
- RSC Bio Solutions, www.rsrbio.com
- Rusch Offshore Services BV, www.rusch.to
- S** Sandvik Materials Technology, www.materials.sandvik/en/
- SBM Offshore, www.sbmoffshore.com
- Schlumberger Petroleum Services, www.slb.com
- SDC Verifier, www.sdcverifier.com
- Sea Rescue Gear BV, www.skilltrade.nl
- Seacontractors Brokerage B.V., www.seacontractors.com
- Seafox, www.seafox.com
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- Seaway Heavy Lifting, www.seawayheavylifting.com
- SeaZip Offshore Service, www.seazip.com
- Selmers, www.selmers.com
- Siemens Nederland NV, www.siemens.nl/oil-gas
- Siemens PLM Software BV, www.siemens.nl/plm
- SIF Netherlands BV, www.sif-group.com
- Sinus Jevi Electric Heating, www.sinusjevi.nl
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- Stork BV, www.stork.com
- Supermaritime Nederland BV, www.supermaritime.com
- Svasek Hydraulics BV, www.svasek.com
- T** Task Environmental Services Worldwide, www.task-es.com
- Taxand Netherlands, www.taxand.nl
- TechnipFMC, www.technipfmc.com
- Techno Fysica, www.technofysica.com
- Teijin Aramid, www.teijinaramid.com
- Temporary Works Design, www.twd.nl
- The Hague Business Agency, businessagency.thehague.com
- The Offshore Partners BV, www.theoffshorepartners.com
- Thermo Electric Instrumentation B.V., www.te-instrumentation.com
- Tideland Signal BV, www.tidelandsignal.com
- TKF, www.tkf.nl
- TNO Bouw en Ondergrond Utrecht, www.tno.nl
- TNO Industrie en Techniek Delft, www.tno.nl
- TNO Innovation for Life, www.tno.nl
- TOS People on Demand B.V., www.tos.nl
- Tradinco Instruments BV, www.tradinco.com
- TrustLube, www.trustlube.com
- TU Delft / Department of Ship & Offshore Structures, www.3me.tudelft.nl
- Twister, www.twisterbv.com
- U** Ulstein Design & Solutions BV, www.ulstein.com
- United Offshore Services, www.uos-nl.com
- V** Vageri Electrical & Instrumentation BV, www.vageri.nl
- Van Aalst Group, www.vanaalstgroup.com
- Van Beest, www.vanbeest.com
- Van Dam BV, www.van-dam.nl
- Van Halteren Metaal, www.vanhalteren.com
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- VBR Turbine Partners, www.vbr-turbinepartners.com
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- Versatec Energy, www.versatec.nl
- VoTech Filter BV, www.votechfilter.nl
- Vroon Offshore Services BV, www.vroonoffshore.com
- Vryhof, www.vryhof.com
- Vuyk Engineering Rotterdam, www.vuykrotterdam.com
- W** W1CON BV, www.w1con.com
- Wagenborg Foxdrill, www.foxdrill.com
- Wagenborg Offshore Holding BV, www.wagenborg.com
- Wartsilä Netherlands, www.wartsila.com/nld/nl
- Weatherford Elastomers, www.weatherford.com
- Weatherford Oil Tool Nederland BV, www.weatherford.com
- WellGear Group BV, www.wellgear.nl
- West Coast International Drilling Supply BV, www.westcoastintl.com
- WIND Cable Services, www.wind.nl
- Windcat Workboats BV, www.windcatworkboats.com
- Work Wise, www.workwise.eu
- Workshops Contractors BV, www.workshops.nl
- WTS Energy, www.wtsenergy.com
- X** XKP Visual Engineers, www.xkp.nl

Associated Organizations

- A** Amsterdam IJmuiden Offshore Ports, www.aoyop.com
- C** Central Dredging Association (CEDA), www.dredging.org
- D** Dutch Energy Association, www.dutchenergyassociation.com
- Dutcham – Dutch Brazilian Chamber of Commerce, www.dutcham.com.br
- E** EEEGR, www.eeegr.com
- evofenedex, www.evofenedex.nl
- H** Haven en Scheepvaart Vereniging (HSV) Den Helder, www.hsvdenhelder.nl
- I** International Association of Drilling Contractors, www.iadc.org
- N** Nederlandse WindEnergie Associatie, www.nwea.nl
- Netherlands African Business Council, www.nabc.nl
- Netherlands Maritime Technology, www.maritimetechnology.nl
- NOF Energy Ltd, www.nofenergy.co.uk
- North Sea Port, www.northseaport.com
- P** Profion, www.profion.nl
- R** Rotterdam Port Promotion Council, www.rppc.nl
- W** WTC Twente Energy Group, www.wtctwente.nl/energy-group

Euronet Partners

- D** Danish Marine & Offshore Group, www.offshore-denmark.dk
- Decom North Sea, www.decomorthsea.com
- E** Energy Industries Council, www.the-EIC.com
- Energy Technology Club, www.agoria.be
- Evolen, www.evolen.org
- I** Industry Technology Facilitator ITF, www.oil-ITF.com
- N** Norsk Industry, www.norskindustri.no

The Association of Dutch Suppliers in the Oil and Gas Industry and Offshore Renewable Industry

The Oil, Gas and Offshore Renewable supply industry in the Netherlands belongs to the Top 5 of the world. Acting as the gateway to Dutch suppliers in the energy industry, the IRO mission is ultimately aimed at maintaining and strengthening the position of the Dutch Oil, Gas and Offshore Renewable industry by creating a level playing field for its members. IRO's nearly 425 members consist of a wide variety of both multinationals and SMEs. They represent the entire supply chain within the Oil, Gas and Offshore Renewable industry, with activities covering: Engineering & Consultancy, Construction & Fabrication, Plant & Equipment Supply, Contracting & Installation, Exploration & Production and Personnel & HSE, both for offshore upstream oil & gas and offshore renewables (wind and marine energy).



P.O. Box 390
3000 AJ Rotterdam
The Netherlands
+31 (0)79 3411981
info@iro.nl
www.iro.nl
www.iro-catalogue.nl

