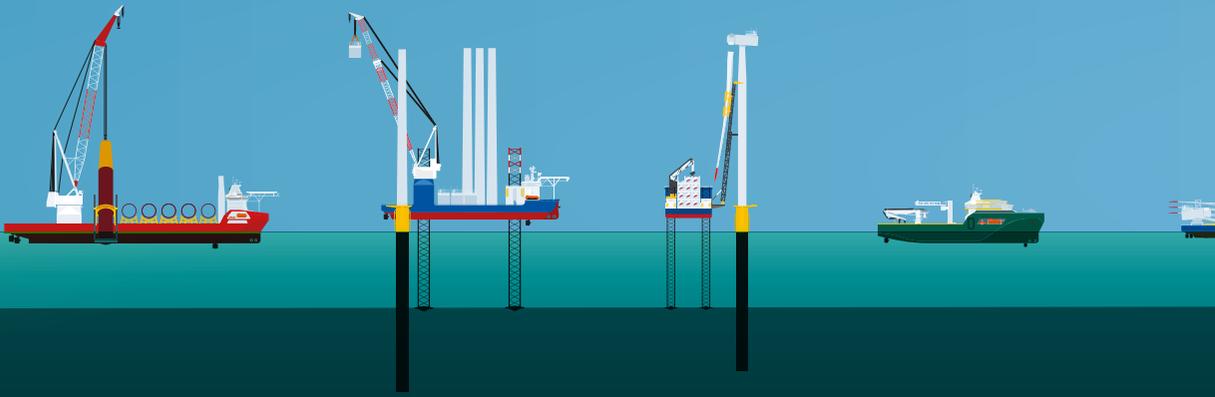


The Pioneers of  
Offshore Engineering

# An Introduction to GustoMSC



**GustoMSC | NOV**

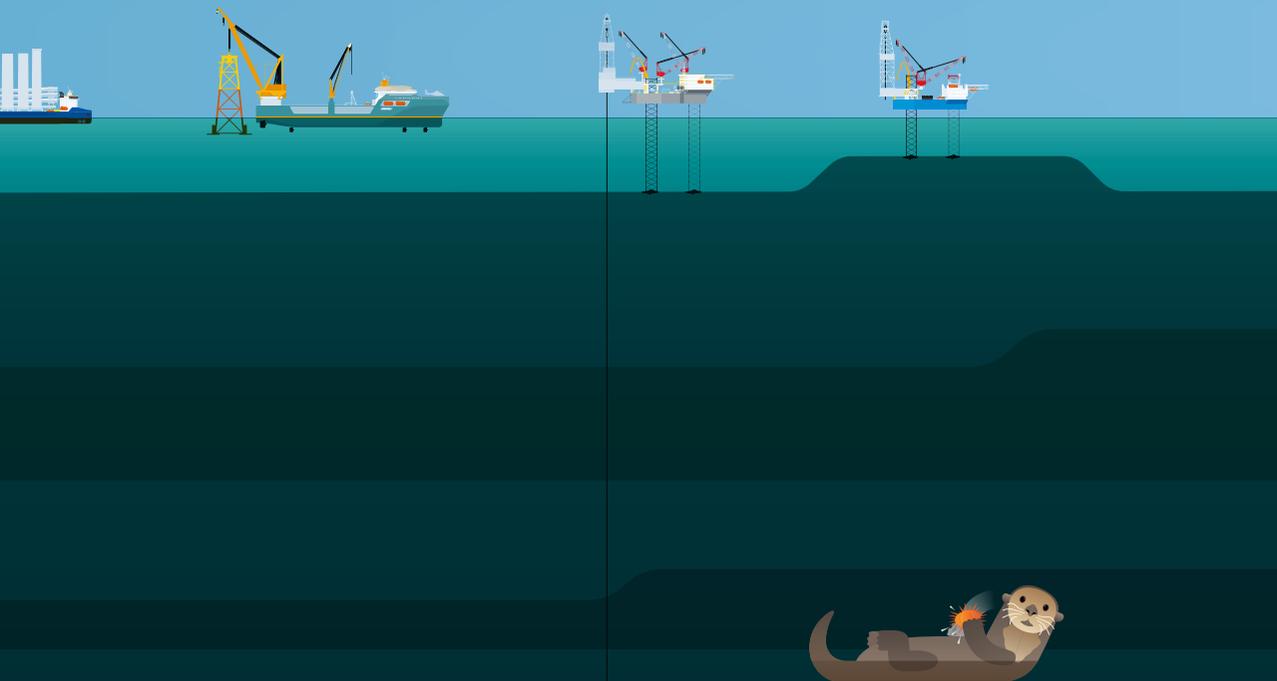
# Meeting the demands of tomorrow today

As a reputable offshore design and engineering consultancy company, GustoMSC is aware of the complexity of the various offshore markets. We stand for safe and efficient operations at sea and for a sustainable future. That is why the energy transition and innovative developments in technology play an important role for us. GustoMSC's history shows that flexibility and the ability to meet the demands of the future today ensure that GustoMSC is and remains relevant for our people, our customers and society at large.

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# An Introduction to GustoMSC

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# Reinventing the art of energy



We want to leave a legacy of environmentally sustainable growth and wind energy is an important technology to meet the present and future energy demand. We need to reinvent our way of generating energy, technically and economically. GustoMSC has been at the forefront of essential changes in the offshore energy market for more than a century. Technological challenges and pushing boundaries are part of GustoMSC's DNA. We believe we can help our clients move forward as the global energy transition accelerates. Energy efficiency and sustainability are essential considerations in all our designs, equipment solutions and processes. GustoMSC is proud to be a market leader in the offshore wind segment. We are ready to take the next steps and look forward to partnering with you for the challenges that your company faces by providing safe, efficient, and highly innovative solutions.

## Digitalization

# Providing guidance based on a wealth of data

In recent years, the offshore and maritime industries embraced a digital journey to remain competitive, safe, and efficient. By offering a robust infrastructure that collects and process systems data, a software platform that handles data delivery, and applications that translate the data into valuable information, we are able to transform big data from mobile offshore units into valuable guidance.

Our OSS is GustoMSC's family name for a range of Operator Support System applications aimed at providing real-time guidance to the operator based on data generated by equipment on board. For example, digitalized and automated reporting, condition-based maintenance of equipment or visualizing the resulting crane operational envelop in real-time making the crane operator aware of both crane and jack-up foundation limitations. OSS is an application layer built on top of the NOV Max™ big data and analytics platform. This platform allows real-time data to be extracted via edge devices. This data can then be stored in the cloud, where it can be analyzed and shared securely with clients.

GustoMSC is in a unique position to discover the insights that lie hidden in the data. Implementing digital innovations and a data-driven approach in our clients' business operations can enhance their competitive advantage.



## Milestones

# Engineers don't write stories, they write history



GustoMSC, with its founding roots in 1862, is an experienced company in the business with a long and wide-ranging history in the maritime industry. Decades of experience in the design of mobile offshore units and the supply of our equipment are ingrained in GustoMSC's culture.

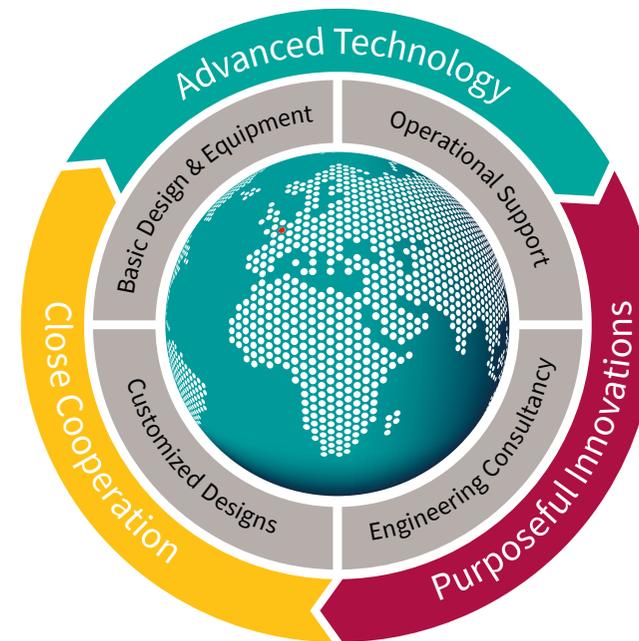


**Our vision and value**

# Pioneering engineering

People are searching for natural resources at sea in support of growing populations and higher standards of living. To obtain access to these resources our technology is needed to work safely at sea, from benign coastal waters to extreme and harsh environments far offshore. GustoMSC wants to be the preferred technology provider by offering core technology that enables construction of safe and highly efficient mobile offshore units while supporting end-users to make the best use of these units.

Pioneering is in GustoMSC's DNA. Exploring new technological fields that are still uncharted. Devising solutions that are not obvious, off the beaten path, taking the lead in new developments and technology. We put our energy into staying ahead of the market's demands. A strategy that ensures that GustoMSC remains successful. We do so with three crucial pillars; Advanced Technology, Close Cooperation, and Purposeful Innovation. These pillars provide GustoMSC with a solid basis for developments in the offshore sector now and in the future.



**Advanced technology**

With our roots in the challenging North Sea environment and more than 250 designs with associated equipment delivered, we remain at the forefront of technologies and understand the unique challenges that come from working with gale-force winds and high waves.

**Close cooperation**

GustoMSC was built through effective collaboration. We aim to solve problems together and capitalize on opportunities. We believe that, through collaboration and teamwork, we can establish the future of offshore energy together.

**Purposeful innovation**

We focus on practical solutions that are useful for our business partners, clients, and the communities we serve.



View our company movie at YouTube.



## Advanced Technology

The global rise in energy demand, the need for energy security and the requirements of improved economics, environmental and emissions performances embrace the opportunities for technological developments. Our integrated and interdisciplinary approach ensures advanced technologies.

GustoMSC is continually developing the required know-how and overall understanding of our clients' offshore operations. Our advanced technologies give rise to innovative business models and drive the development of smart products and services. They underpin the shift to a greener economy and are instrumental in modernizing the offshore industry. Their importance makes them a key element of our success and are increasingly contributing towards meeting the market's demands.

**We know what it is like  
to work with gale-force  
winds and high waves**



## Close Cooperation

In an ever-changing world we continue to invest in developing solutions together with our clients and business partners. We aim to create the ideas and innovations that our clients need to move forward as the global energy transition takes hold.

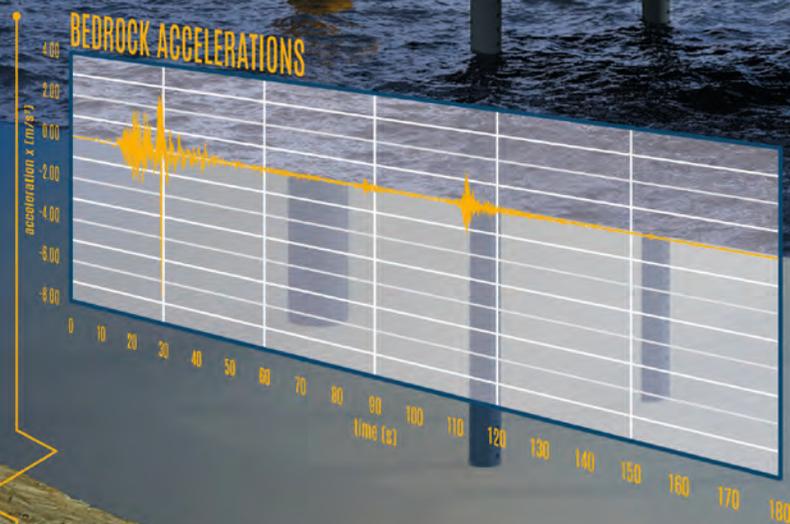
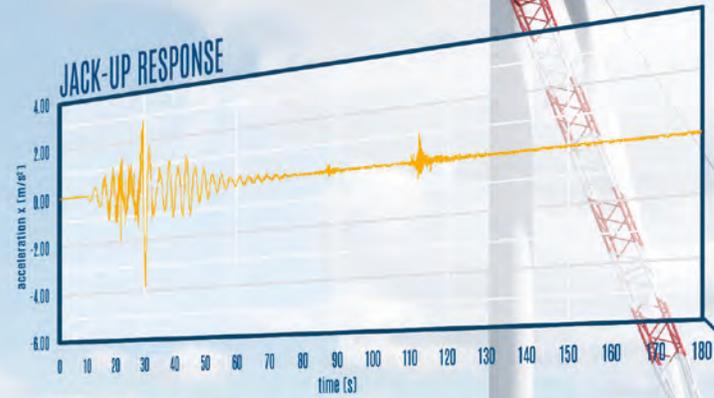
We stimulate initiatives and innovations. These innovations are necessary to maintain our leading position and to stay ahead of the competition. Consequently, in addition to their own knowledge and expertise, GustoMSC employees have another quality: the ability to collaborate with colleagues, knowledge institutes, and customers. Innovations are hardly ever realized by one individual genius who devises solutions. Collaboration and communication are indispensable to be able to deal with the challenges that we are facing today.

# Making the future of offshore energy together

## Purposeful Innovation

We started as shipbuilders and evolved into offshore solution developers and designers. Without forgetting our history as builders. As no matter how innovative our ideas may be, they have to remain realistic.

Our customers must be able to work more efficiently and safer with our designs. Our perspective is one of evaluating risks: safety issues, financial risks, technical challenges, environmental requirements, and sustainability issues. But we continue to see it as a challenge to stay ahead. In a rapidly changing world, in a field in which competition is fierce and in which a digital technological transition is taking place, we have to be innovative. Because simply keeping up with changes means falling behind on new developments.



**Innovative ideas and realistic solutions**



## Our solutions and services

# Supporting all lifetime phases

GustoMSC develops optimal solutions for the safe and efficient execution of projects at sea. The most efficient solution possible needs to be found for existing operations at sea, while new challenges call for innovative ideas. Our designs of Mobile Offshore Units (MOUs) and equipment are based on decades-long experience and in-depth knowledge of all the technical and operational aspects involved. The acquired expertise also enables us to provide engineering services during the operational support phase of our designs and equipment.

### Engineering consultancy

GustoMSC provides engineering consultancy services to offshore contractors, oil companies, and yards, as well as support services in the renewable energy sector. These services range from concept review to one-off designs, fleet enhancement, or field development studies. This may comprise studies to obtain strategic insights and business scenarios, translating market analysis results into design requirements and practical solutions.

### Customized designs

Based on our existing proprietary technologies, concepts, and designs, GustoMSC delivers customized solutions adapted to meet the challenges of the specific client's requirements.

Safety, efficiency, workability, and effective uptime are key in all our design solutions.

### Basic design & equipment

We are continuously working with shipyards to guide and assist them with the translation of our basic designs into detailed and fabrication drawings, as well as with the integration and commissioning of the provided equipment. As an independent designer, we facilitate a competitive bidding process, with a design incorporating all client-specific requirements and solutions. Contractors and owners can tender without any constraints on the construction facilities, and yards can quote. Once the decision to build is taken, GustoMSC provides both the basic design package and the equipment to the selected yard.

### Operational support

Our involvement in a MOU does not end after the delivery of our design or the equipment. In more than two hundred projects a year, GustoMSC provides services for units and equipment in operation, ranging from engineering project support like Site-Specific Assessments to upgrading and conversions, and after-market activities. Our team of dedicated, multi-disciplinary, and experienced engineers apply their skills, experience, and dedicated tools to ensure effective operational support.

# The journey towards net zero



GustoMSC stands for a sustainable way of doing business. To endorse our responsible approach, we align our company, products, and services to the ESG Practical Assessment System.

We work on safe and efficient mobile offshore technology for a more sustainable future. In our view, the ESG criteria are therefore a clear benchmark for our activities. ESG business practices provide the opportunity to focus on innovation, to develop technology that makes the industry more sustainable and to optimize working conditions and strengthen our business operations. Only by working together can we realize the integration of the ESG criteria and realize a Net Zero future. That is why we strive for full cooperation to pass our world on to future generations in a responsible way.



## Unique advantages that enlarge the competitive edge

# Gearing up for the future

With a multi-faceted product and services portfolio, GustoMSC offers its clients unique advantages.

### Freedom of choice

Our customers are unrestricted when choosing a yard for the construction of the unit. In this way, we enable our customers to develop their optimal design solution and consecutively tender for construction.

### Reliability through proven design & equipment

GustoMSC has provided more than 250 designs and associated equipment for units in operation or under construction. We have our roots in the challenging North Sea environment, which requires us to stay at the very forefront of technology. This technology lead enables us to develop more capable optimized solutions for milder environments.

### Distinctiveness by customization

We deliver customized solutions based on existing

proprietary technologies and concepts, adapted to meet the challenges of the specific client's requirements. The starting point is always the survey for the right solution for the envisaged conditions. Our senior specialists, with a wide range of knowledge and skills, are your sparring partners during the design process. By matching design and the delivery of associated equipment, GustoMSC offers its clients the best-performing solutions in terms of operational efficiency, uptime, workability, and safety. This way, our solutions contribute to further differentiation in the market.

### Choice from largest portfolio of MOU designs

GustoMSC has developed different designs for different markets, which has provided us with an unrivaled portfolio and IP stock. We are continuously

improving and optimizing these existing solutions by working with our clients and suppliers.

### Integration ability

The basis for our designs is the primary functionality of the MOU. This often has to be translated into the most efficient layout of equipment while balancing this with the constructability of the design. We understand the interaction of crane and vessel, and we can provide advice on the most efficient integrated crane solution that delivers safe, optimal performance. To understand and meet the requirements of our clients, GustoMSC has its in-house senior specialists. They are the link between the practical needs of our customers, the equipment suppliers, and the technological realization on the drawing board.

Part of the NOV family

# The Energy of Synergy

GustoMSC is part of the NOV Marine & Construction group. This group is home to reputable and leading brands and experienced specialists. By combining original equipment manufacture expertise, superior technologies, integrated systems, and after-market support, the group aims to be a complete lifecycle partner for streamlining offshore operations. The combined power of NOV leading equipment suites and GustoMSC's advanced engineering capabilities and innovative designs leads to inspiring integrated solutions, creating competitive advantages for our clients and for the NOV family.

Scaling up and expanding worldwide together with NOV enable us to conquer new territories and establish a bigger impact with our services. This creates a decisive competitive advantage and real added-value. International expansion will also help us gain access to new technologies and build a distinctive industry ecosystem, which will significantly improve our engineering consultancy and services. Being part of a major global player like NOV enhances our ability to deliver proven solutions to a much wider range of clients and locations.



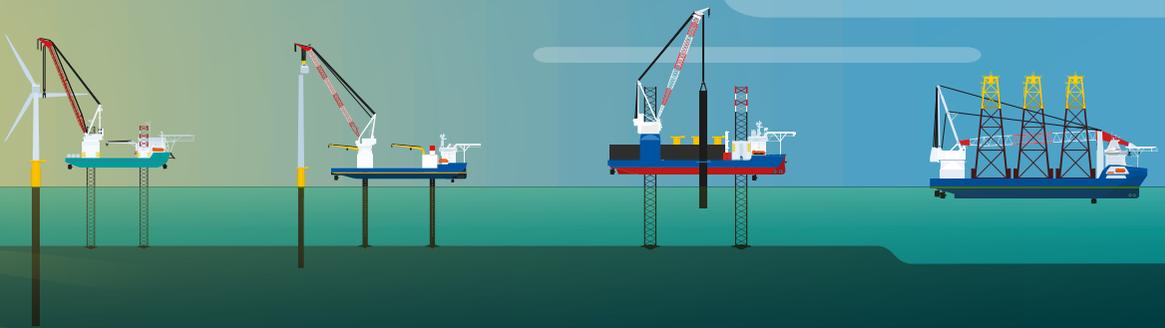
# However big the challenge we meet it with confidence

GustoMSC is an organization of more than 250 professionals with ambition, commitment, and extensive knowledge of various fields in the offshore energy sector. Our company culture is one in which openness, common sense, appreciation, and engagement are self-evident and where people treat each other with respect.

### A comprehensive portfolio

Since the early days of offshore construction, GustoMSC has been providing innovative solutions that help our customers harvest offshore resources safely and efficiently. The last decades demonstrate the importance of being able to master the offshore environment and apply the latest technology across fossil and renewable energy designs and equipment. Our pioneering mindset has given rise to a successful state-of-the-art portfolio with proven designs and associated equipment.





### The Pioneers of Offshore Engineering

GustoMSC is recognized for providing advanced design & engineering consultancy for mobile offshore units and equipment. In close cooperation with our clients, we translate experience, science, and technical knowledge into realistic & innovative ideas. In this way, GustoMSC enables and supports safe and efficient operations at sea, contributing to a sustainable future.

### GustoMSC

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