

STATOIL · EMISOFT

A SUSTAINABLE PARTNERSHIP

EMISOFT®



For more than twenty years, Emisoft has been meeting the needs of one of the world's most carbon-efficient oil and gas producers.

On the sustainability page of their website, Statoil boldly asks “Can an oil and gas company be part of a sustainable energy future?” Clearly, they believe the answer is yes. Every element of production and innovation at the Norway-based energy producing company is designed and executed with an eye on sustainability—and Emisoft has been helping Statoil to manage and report on their environmental performance since 1993.

Norway introduced its carbon tax in 1991, becoming one of the first countries to do so and affecting both upstream production and the cost of producing oil and gas. The following year, laboratory testing of chemicals used in offshore energy production became a requirement for upstream of oil and gas companies. Like most companies, Statoil relied on a complex system of linked spreadsheets to comply with regulations and monitor environmental performance.

They recognised that Emisoft could provide a more robust and efficient system.



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Emisoft were tasked with a joint project from both Statoil and Hydro, the two largest oil and gas companies at that time in Norway, to design a system to keep track of their environmental performance.

“That was really the start of the Emisoft solution,” explains Hilde Hushagen, key account manager at Emisoft. “So version one of our system was made based on the needs of the two major oil and gas companies in Norway.”

Statoil and Emisoft have developed and matured together over time. While Statoil has focused on compliance, improving sustainability performance and continuously enhancing the efficiency of environmental accounting and reporting, Emisoft has focused on developing a system that provides traceability and transparency, and ensures compliance. At times, a new requirement from Statoil informed a development by Emisoft. At other times, an improvement of the solution such as a new configuration or a report could enable Statoil to work faster or better manage and understand their performance.

Along the way, the Norwegian government’s commitment to high environmental performance standards has informed the development of the two companies. “Particularly when it comes to keeping track of chemical use and discharge, in Norway it’s been really detailed and complex,” says Hushagen.

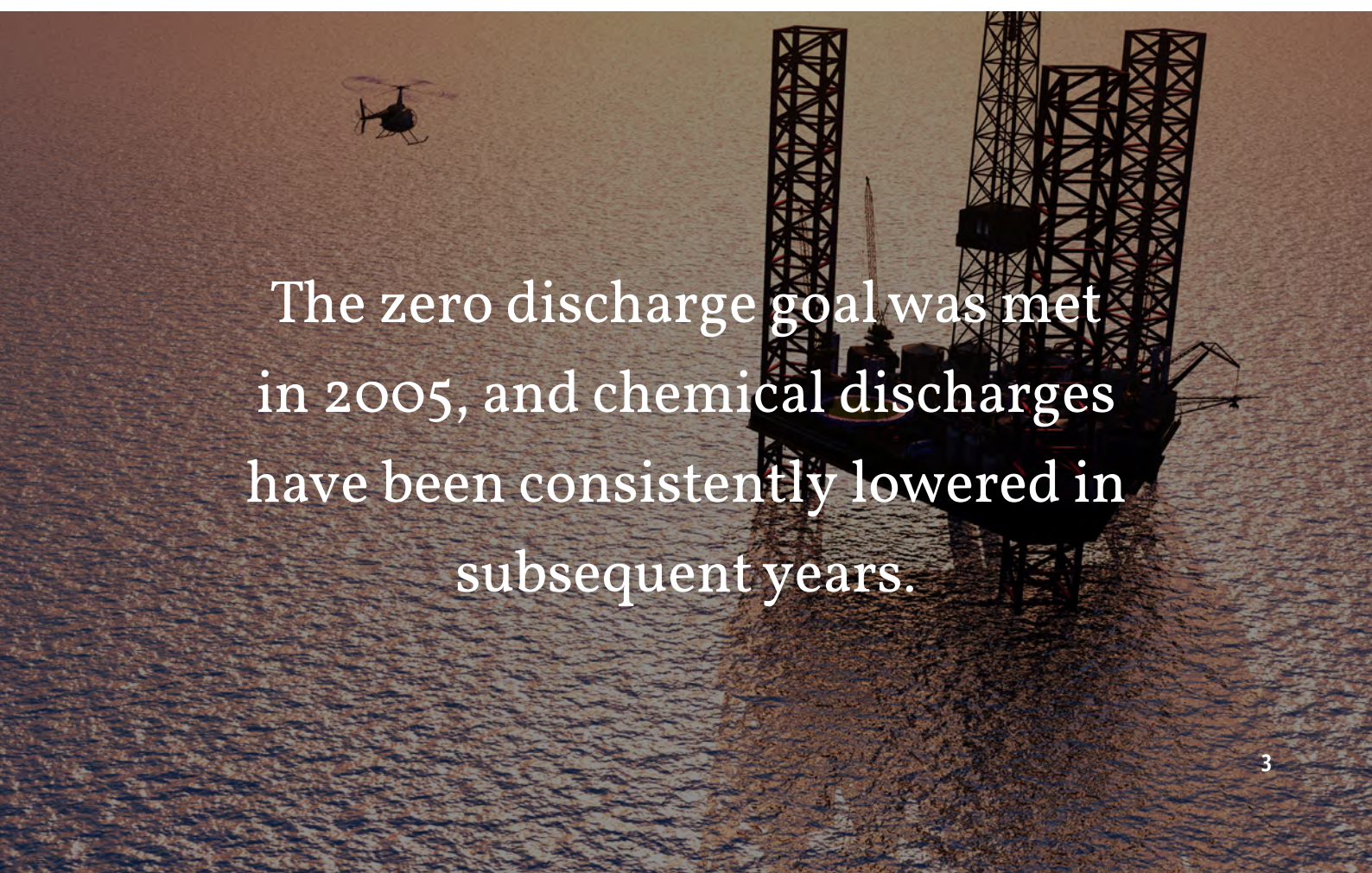


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HILDE HUSHAGEN. ACCOUNT MANAGER. EMISOFT

In 2001 environmental authorities introduced zero discharge requirements for chemicals along the Norwegian continental shelf, a goal that was to be fulfilled by 2005. Hushagen recalls a project involving Statoil, Hydro and ConocoPhillips that challenged Emisoft to develop their system to support a zero discharge strategy for chemical use. “We developed a more complex and sophisticated model for calculating chemical discharge to enable the companies to reach the goal,” she explains. “Based on the needs of Statoil and the need of all our other customers, we’ve always been very detailed about how they calculate, what the models are, how their requirements are met.”

The zero discharge goal was met in 2005, and chemical discharges have been consistently lowered in subsequent years. Statoil’s strong focus on sustainability has earned them recognition that is traditionally uncommon for the oil and gas industry. In 2014 they ranked as the fourth most sustainable corporation in the world regardless of industry and the most sustainable energy company, according to the Corporate Knights Global 100 list of the world’s most sustainable organisations. For 2015 they received a disclosure score of 100 and a performance score of 80 from the Carbon Disclosure Project (CDP). In 2016 the CDP awarded Statoil an overall score of A- and ranked them number one for both climate governance and emissions management.

A photograph of an offshore oil rig on the ocean. The rig is a large, dark structure with multiple towers and cranes. A helicopter is visible in the sky to the left of the rig. The water is dark and choppy. The text is overlaid on the image in a white, serif font.

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The EU Emissions Trading Scheme (EU ETS) is another example of a complex regulatory requirement where Emisoft has provided a system that secures compliance. The EU ETS includes requirements for the submission of reports for all CO₂ emissions, third-party verification of the emission data and payment of CO₂ quotas. Statoil uses Emisoft to make all the necessary calculations and required reports, relying on the system's inbuilt traceability and transparency to ensure complete, accurate and valid results.

The Emisoft solution is used to manage Statoil's environmental compliance and performance throughout the organization. Environmental data is managed in one common system. Data is accessed, updated and reviewed at site level and aggregated, monitored and reported on corporate level. Having access to quality data is fundamental for how Statoil conducts its business—a carbon intensity KPI is even included in the CEO Eldar Sætre's score card. And how Statoil conducts business is equally important to Emisoft.



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With Statoil, we are always striving to meet the needs of one of the world's most sustainable energy companies.

JON EIVIND T. STRØMME, CEO OF EMISOFT

“The knowledge we gain working with our clients, especially Statoil, informs where we set the benchmark of how good our system needs to be,” says Jon Eivind T. Strømme, CEO of Emisoft. “With Statoil, we are always striving to meet the needs of one of the world’s most sustainable energy companies.”

On the same page of their website, Statoil answers their own question regarding sustainability in their industry: “Statoil aims to be recognised as the most carbon-efficient oil and gas producer, committed to creating lasting value for communities.” They proceed to demonstrate exactly how they do that, offering statistics about energy needs and sustainability alongside detailed explanations of how they monitor their environmental impact and downloads of their annual disclosure reports—the reports made possible by and created with the Emisoft solution.

As Statoil continues to innovate for a sustainable energy future, Emisoft remains committed to helping them achieve their aim.

CLIENT PROFILE: STATOIL

Established:	1972	Applications:	Energy Management
Client Since:	1993		Fuel Management
Employees:	approximately 23,000		Emissions to Air
Revenue:	NOK 472 billion (2015)		Greenhouse Gas Reporting
Industry:	Oil and Gas		Water Management
			Discharges to Water
			Chemical Management
			Waste Management
			Laboratory Reporting
			Oil Drilling

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GET IN TOUCH

Discover how our experience in the oil and gas industry can benefit your organisation.

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