

Sustainability in the Greater Ekofisk Area

Sustainability is important to ConocoPhillips. We recognize that human activity, including the burning of fossil fuels, is contributing to increased concentrations of greenhouse gases in the atmosphere that can lead to adverse changes in global climate. We do not discuss the science. Meanwhile, the world will continue to demand significant volumes of oil and gas in the future, which is why we focus on minimizing our environmental footprint in our activities. In the Greater Ekofisk Area, we have implemented numerous measures over several decades, and we continue to focus on new improvements. A few examples are highlighted below.



Electric power cable traversing all fields, most recently with Eldfisk 2/7 B, means full integration by year-end 2019, reducing emissions to air



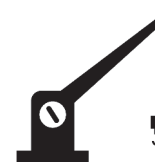
Upgrade the waste heat recovery unit on Eldfisk, to phase out diesel generators



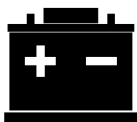
Modified water injection system, which provides more power to operations



Installation of a flare gas re-compressor on Eldfisk. Previously gas was flared, but now it is transported to production



Replacement of diesel cranes offshore on Ekofisk and Tananger base with electric cranes



Installation of batteries on supply vessels. This reduces emissions from diesel by 15 percent



Use of new technology (CTour) reduces hydrocarbons in produced water



Over three decades, we have monitored the seabed in the field area. Tests demonstrate that conditions for marine life by our installations are good



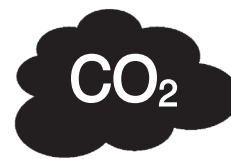
Frequent tests of the water column near our offshore installations demonstrate that marine life thrives better offshore than by the coast



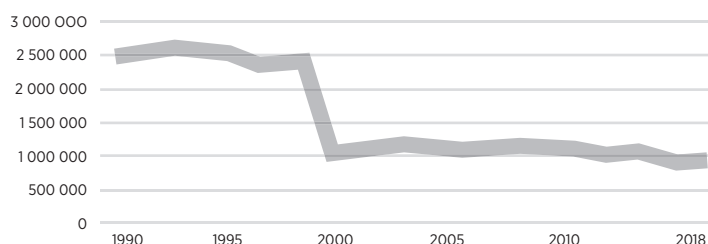
Many first-generation facilities have been removed and disposed. About 97 per cent (excl. hazardous waste) of the materials have been reused, or recycled into products such as reinforcement steel rods



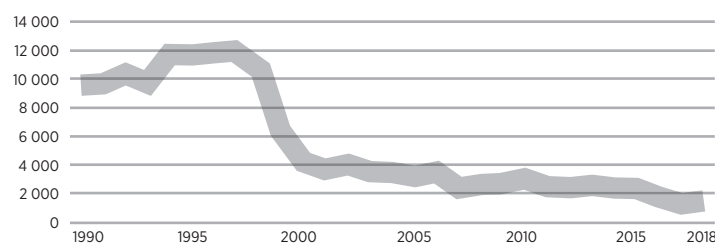
Annual NOx emissions have been reduced by 450 tons over the last five years. The Ekofisk II Project in 1998 contributed to reduction



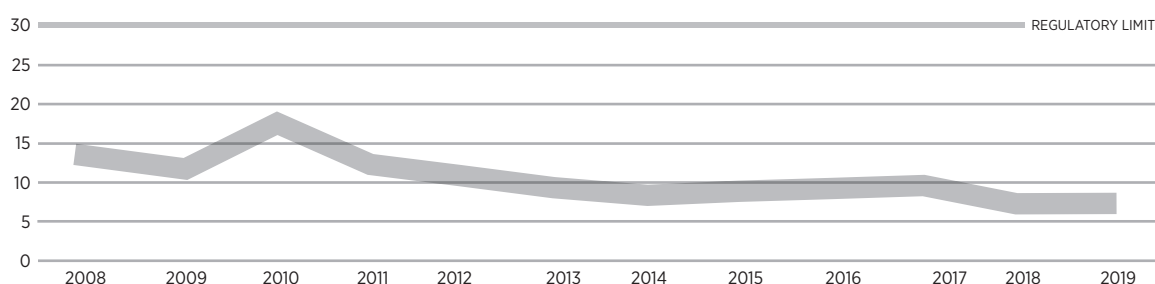
The Ekofisk II Project in 1998 reduced the total CO₂ emissions by more than 50 percent from 2,5 to 1,2 tons a year. From 2000 to 2018 different projects contributed to further reduce CO₂ emissions by 160,000 tons



Historical development in CO₂ emissions (tons) demonstrate a reduction in 1998. Continuous improvement is a strong business focus



NOx emissions in the Greater Ekofisk Area (tons). Reduction in 1998 is due to Ekofisk II. Continuous improvement is a strong business focus



Development for oil in produced water (mg/l)