



*Due diligence in an era of strict environmental requirements is working towards complying with both current and future legislation.*

## SuperSat is built to meet increasingly strict environmental requirements

Recently introduced Norwegian legislation has banned the emission of potentially dangerous gases from tankers. Further legislation to mimic these initiatives around the globe can be expected.

There are three types of emissions from hydrocarbon storage tanks. The environmental impact of these emissions is significant as the emitted gas consists of a range of hydrocarbons from methane to higher (typically C6+). Methane is a greenhouse gas with a global warming potential (GWP) of 21 (GWP for CO<sub>2</sub> is 1). The non-methane fractions, known as NMVOC, react with nitrous oxides in the presence of sunlight and create a toxic ground level ozone and smog layer,

which has detrimental environmental effects on vegetation and on human health, particularly on the eyes and lungs.

### The SuperSat valve is the new industry standard

The SuperSat valve is developed and inspired by the Sustainable Development Goals, especially goal number 13 »Combat climate change«, as well as recommendations in OCIMF Volatile Organic Compound Emissions from Cargo Systems on Oil Tankers 2019 and ensures both environmental safety, profitability and future legislative compliance for enterprises.



Find more information

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