

PRESS RELEASE

ENDEGS enables Germany's first land-side tanker ship degassing

Port of Duisburg plays leading role

Pförring, 30 March 2020 – Since March 2020, Ingolstadt degassing specialist ENDEGS has been providing legally compliant degassing of gas, chemical and petroleum tankers at Europe's largest inland port in Duisburg. The 2000 square meter site is Germany's first degassing facility for tanker ships. CEO Kai Sievers: "We're very happy that this service is finally offered in Germany, and that in so doing we can prevent emissions into the atmosphere."



The demand for the service has been there for years, and now it's finally reality. Since the beginning of March ENDEGS, Europe's leading mobile gas combustion provider, has been operating a 2000 square metre facility at km 2.5 of the Duisburg Hafenkanal. There, right on the Rhine, this family-owned company can degas around 750 tankers per year using its mobile 0.1 to 150 MW scalable combustion chambers. Regardless of the size of the tank, the gas mix and the concentration, the facility can burn off

vapours safely and quickly, preparing tanker ships for product changes or dock time. ENDEGS provides the mobile incinerator, the personnel, and the ancillary equipment like generators, pipelines, ventilators, detonation arrestors, liquid separators and pressure regulators.

The facility degasses volatile organic compounds (VOCs) and hazardous airborne pollutants (HAPs) in explosion groups IIA, IIB and IIC. The combustion rate of ENDEGS mobile combustion chambers is nearly 100 percent, for nearly zero emissions. This complies with the latest provisions of the European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN). Furthermore, the degassing process is clean and noiseless; nothing can be seen, smelled or heard.

For many years Kai Sievers, founder and CEO of ENDEGS, has worked towards the legally compliant degassing of inland vessels in Germany. He says, "The Port of Duisburg providing a fixed site for this ecologically vital process is a milestone for the environment, shipping companies and shipmasters." Formerly, vessel operators had to send tankers to the Netherlands for degassing, at enormous logistical, time and financial costs, along with the pollution from the empty runs. All this is now no longer necessary. Furthermore, this will mean that in future fewer special approvals allowing vapours to be simply vented to the atmosphere are granted.

About ENDEGS

Since 2007 this family-owned company in Pförring near Ingolstadt, Germany has offered proprietary, patented, leading-edge technology for safe, clean and ecologically sustainable degassing. The company developed the world's first fully equipped, trailer-mounted, autonomously operating incinerator, thus enabling mobile degassing for the first time anywhere. The capacity of ENDEGS mobile vapour combustion units is scalable from 0.1 to 150 MW as needed. This makes ENDEGS the market leader in total fleet combustion capacity.

The company's degassing technologies have been proven in over 1000 projects, and are designed to burn off volatile organic compounds (VOCs) and hazardous airborne pollutants (HAPs) in hazmat classes IIA, IIB and IIC with a combustion rate of very nearly 100 percent.

ENDEGS also supports the campaign for healthy workplaces by the European Agency for Safety and Health at Work.

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