Run loading operations most efficiently while avoiding complaints

ORTELIUM

Create your dynamic atlas

Dynamic real time dispersion modelling & forecasting

Combining accurate meteorological data with the knowledge about the emitted odour from your site's source(s), Ortelium calculates and visualizes the dispersion of your emissions on a digital map in order to monitor and forecast possible impacts of your operations.

Ortelium warns you once a defined monitoring area (e.g. neighbourhood) is expected to be impacted by your emissions and complaint situations are likely to occur.

With the system you learn to understand and verify complaints and their cause better, enabling you to inform your neighbourhood and/or surveillance authorities in time, if necessary.

In case your emission process is stable and controllable, Ortelium provides recommendations on how to adapt your process parameters, to reduce or even prevent the alert situation under the current and forthcoming weather conditions, while keeping your operations running most efficiently.

Odour effects at a glance.

By specifying the odour potential of your site's source(s) and substances, and the volume flows of your odour emitting installations, you are just a few clicks away from understanding your plant's odour impact.

Define process scenarios and learn to understand how they might impact defined monitoring areas (e.g. neighbourhood) under the current and forthcoming weather conditions:

Vopak Terminal Europoort is one of the biggest petroleum storage and trans-shipment facilities in the heavily populated Port of Rotterdam area. Oil gets loaded from the tankers to the storage tanks or vice versa, which results in the emission of high concentrations of odour that disperse into the surrounding residential areas.

Better grip on this dispersion is needed to avoid complaints, as these may result in temporary working restrictions, fines or in the worst case permit withdrawal.
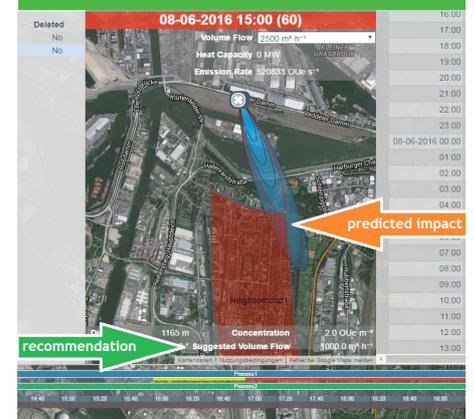
By inserting process parameters of the operations into Ortelium, the system provides data intelligence on how the odour disperses into the environment. In case concentrations in residential areas are too high, Ortelium provides recommendations on how to adapt pumping speeds to reduce or even prevent the alert situation. Not only for the current point of time but also for the hours to come.

As a result, pumping processes keep running efficiently while complaints are avoided.

Follow Ortelium's recommendations on how to adapt your process parameters, to reduce or even prevent the alert situation.

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www.ortelium.com

Contact us for a live demo

We understand that your business needs are unique and that off-the-shelf solutions rarely meet individual demands. That's why we offer custom web demos of relevant Ortelium solutions.

These demos provide the basis for a detailed discussion of your needs and expectations. By combining your ideas and our Ortelium platform technology, we can create a dynamic atlas that perfectly suits your business needs.

Contact us today to schedule your web demo with us!

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