

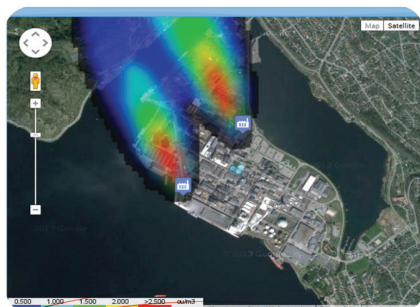
AIR ENVIRONMENT CONSULTING

TOTAL ODOUR MANAGEMENT SYSTEM

TOMS offers a complete, integrated suite for Odour management. The system provides a perfect integration of real-time odour impact estimation with management of odour complaints from neighboring residents. The simple to use software uses field-olfactometry and live weather data to produce real time odour plumes showing you exactly the location and amount of your odour emission. Complaints are automatically logged and compared to odour emissions for fast and efficient validation.

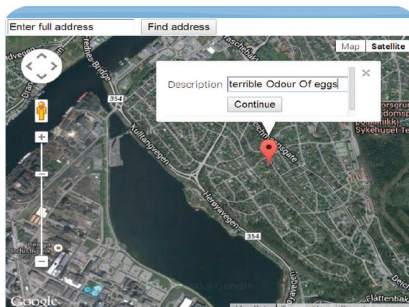
► REAL TIME ODOUR EMISSION MONITORING

TOM System uses AERMOD dispersion modeling, current weather data, and odour concentration measurements from SM100 field olfactometer to provide you with real-time graphical representation of the odour impact. The model can be used to estimate emissions from stack or area sources making it extremely easy to implement for any plant no matter how big.



► AUTOMATED COMPLAINTS MANAGEMENT

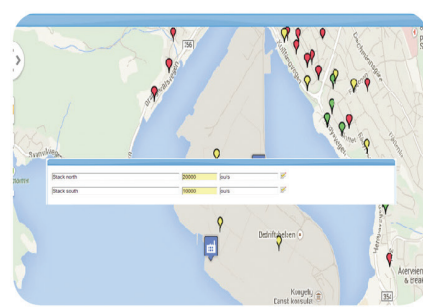
The system will reduce complaints to the regulators by having them channeled through TOMs automated complaint management system. Complaints are registered on-line and compared to the odour impact at the location and time. Plant data including scheduled maintenances and unforeseen events are also mapped automatically against the complaint.



► SEAMLESS INTEGRATION WITH SM100

The SM100 can be used in two ways to input data into the model:

1. Stack emissions can be directly measured using the laboratory function of the SM100.
2. Ambient odour assessment data from the SM100 is used to back calculate emissions from all area sources and fugitive sources.



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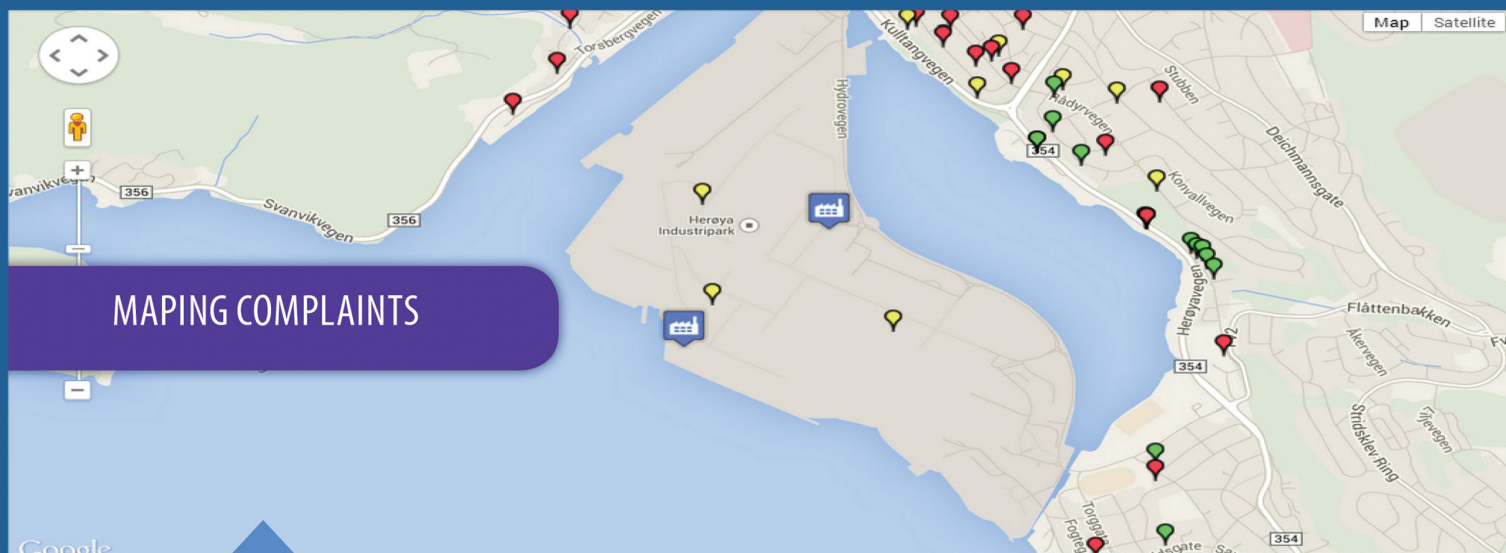
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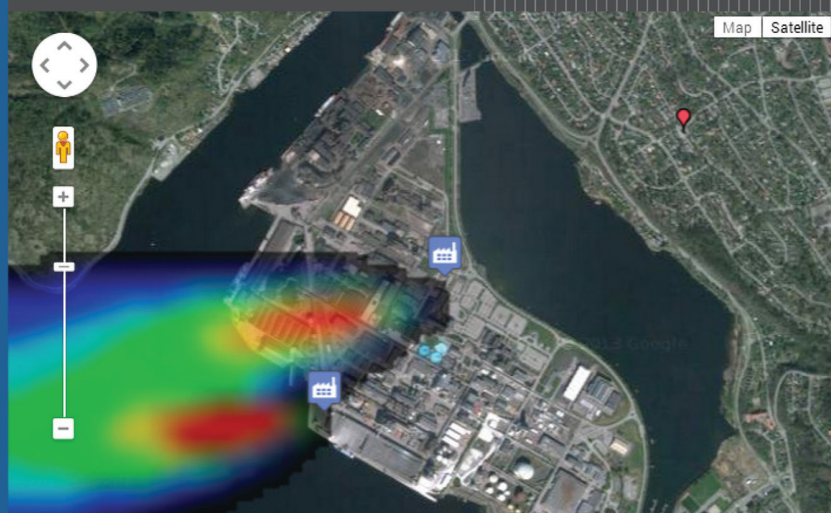




COMPLETE PROCESS DETAIL IN 1 CLICK

Day	Time	Weather	Temp	Wind dir	Complaint risk
Friday Feb 21	evening		3	S	
Saturday Feb 22	night		3	S	
Saturday Feb 22	morning		3	S	
Saturday Feb 22	afternoon		4	S	
Saturday Feb 22	evening		4	SSW	
Sunday Feb 23	night		4	SSE	

FORECAST



Complaint details

Title: odour of oil in morning
Date: Wednesday 29 January 2014
Time: 07:00
Comments: every day

Weather details

Wind direction : E
Wind speed : 5.8 m/s
Temperature : -2 °C

Automatic analysis

Automatic analyses suggest that this complaint is NOT justified

Log book details

Last day
Last 3 days
Last 7 days
Last 14 days

COMPLAINTS MANAGEMENT

Last 180 days
Last 360 days

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