

Ortelium - Backtrajectory analysis for efficient complaint investigation



Complaint validation has never been easier

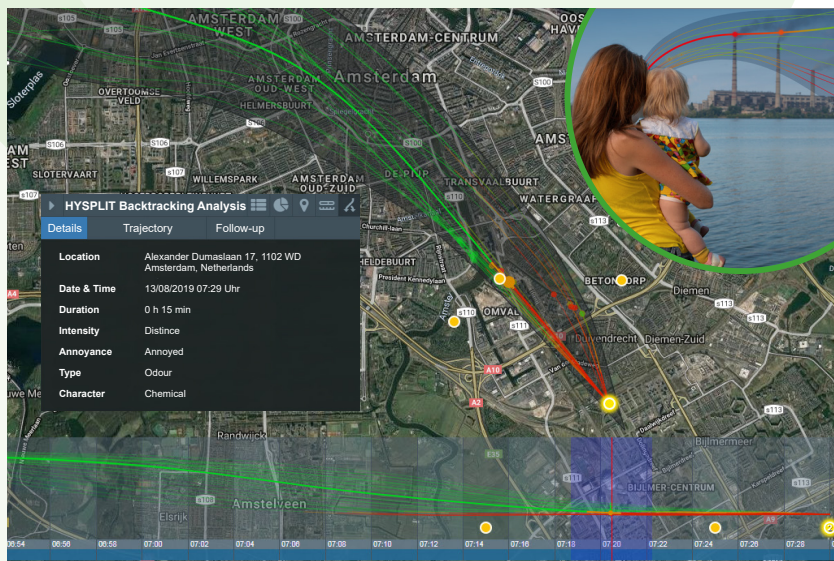
Ortelium's backtracking capabilities enable you to analyse the pathway of air quality, dust or odour observations and locate the potential source of, for instance, unpleasant odours by means of meteorological simulation and reverse trajectory modelling.

When an odour complaint is received, Ortelium uses HYSPLIT backtracking calculations to analyse pathways to the potential source of the complaint.

That way you learn to understand complaint situations and the underlying meteorological and geographic influences better and faster, to prevent incidents related to air quality, odour and dust in the future.

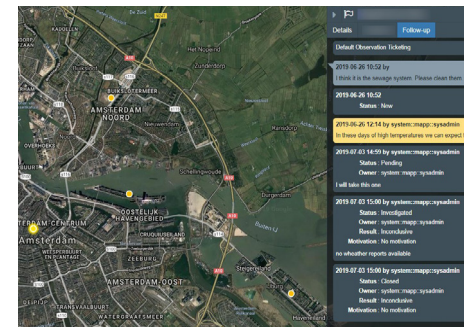
You can also provide evidence if your operations were not responsible for specific complaints, which is helpful especially in areas with a diversity of potential complaint sources.

This allows you to use your resources only on justified complaints and to avoid misallocation of people, money and time.

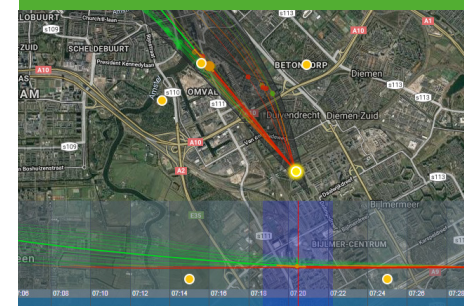


See the backtracking in action on the next page.

Hybrid Single Particle Lagrangian Integrated Trajectory (HYSPLIT) is a hybrid Eulerian-Lagrangian model that solves transport and dispersion equations. The HYSPLIT model is recommended by the NOAA (National Oceanic and Atmospheric Administration) and WMO (World Meteorological Organization) and is used in emergency response as well as analysis of time-critical environmental incidents such as wildfires, dust, volcanic ashes etc.



Ortelium enables instant logging of complaints and odour observations from communities via Smartphone or Web Portal submission.



Ortelium's unique timeline allows you to animate map and time related data to understand the development of complex odour situations over time at a glance.



The Ortelium timeline also serves as displaying element, providing further information such as the height of the air particle in an easy to understand color-coded graph.

Find out more on www.ortelium.com

Ortelium backtracking in action



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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 to schedule your web demo with us!

Contact us!

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