

# 61.604

## THE RESEARCH BEHIND THE NUMBER

**Freight transport is responsible for 61.604,00 EUR per day of air pollution health costs in Brussels.**

This study has been carried out by Mobilise and intersects the flows of freight transport in Brussels with the movements of people in the city, in time and space. It is important to take these factors into account, as we are not only exposed to polluted air where we live, but also where we work or spend our day. And this air is more or less polluted depending on the time of the day.

There are huge differences in the concentration of air pollution within certain districts of the capital. Simultaneously, same locations experience varying people densities throughout the day. It is thus necessary to take into account the interplay between dynamic freight transport vehicles (and their emissions), and dynamic population movements.

"It would be good to stimulate or shift the often inevitable freight transport flows when and where there is a lower concentration of people," explains Dr. Nicolas Brusselaers. "This geotemporal shift should also be accompanied with a shift in transport mode and technologies, such as delivering more goods via inland waterways or the rail, and optimize transport trips in a more sustainable way with zero-emission trucks."

