



Monitor your roads with Road Surface Quality™

Get a quick overview of the quality of the road surfaces in your municipality or on your road network. With the service Road Surface Quality™ (or RSQ™) available on Hermes Traffic Intelligence's HOTS™ webplatform, you can get a quick overview of the condition of the road surfaces in your area and quickly decide the areas that require extra attention, e.g. after frost damage or road work.

The quality of the roads

Measuring is done by driving the roads with a smartphone fixed to inside of the windscreen. The measurements are processed and assembled in the RSQ™ service at HOTS™ where they are processed and presented. From here you can see which roads have been measured and the estimated quality of the road surfaces.

Do you know the pains?

- **Measuring the entire road network is undoable!** If you have cars on the roads, and they are using an app while driving, the roads are covered.
- **We don't have a recent estimate of the road quality!** With RSQ™ you can select how often you want data processed.
- **We might not spend the maintenance budget on the worst part of the road network!** See where the roads with the worst surfaces are, and prioritize those so the roads that have the most affected road users, will be repaired first.
- **My staff are already working too many systems!** You can see the quality of the roads as a layer in your favorite GIS system.
- **We only repair roads when citizens ask us to!** Repair roads when holes emerge without having to wait for inquiries from the citizens first.
- **We plan maintenance a year ahead!** When you plan maintenance, make sure the measurements are relatively new, so that you do not plan based on old data.

Measure with smartphones

The measurements can be made with the app *trag.me - Speedometer*, developed by Hermes Traffic Intelligence. If you have a fleet of vehicles, and the drivers use the app when driving the roads in your area, enough data will soon be collected to give a fair picture of the roads surface quality.

If your drivers already use a proprietary app when driving the data collection can probably easily be incorporated in that app.

How to get started

Visit HOTS™ at <http://hots.hermestraffic.com>, login as demo user and select RSQ™. This will enable you to see the actual surface quality in an area around The Technical University of Denmark, north of Copenhagen.

Contact Hermes Traffic Intelligence at hots@hermestraffic.com if you want a demonstration of the service in your area. You and your colleagues can then download the app and start measuring in your area. You will receive a time-limited access to the system to let you see if it makes sense for you to continue using the service.



HOTS



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