



# Comfort measurements on the bike paths with BSQ™

Are you aware of the state of the bike paths in your area? How old is your last inspection of the bike paths, and could you benefit from getting them checked more often? Budgets for maintaining bike paths are often limited, so why not use the funds where most will benefit? Bike path Surface Quality™ (or BSQ™) will help you.

## Measurements on your bike paths

We measure the conditions of your bike paths with accelerometers coupled with a GPS device, so you can see exactly where the largest fluctuations, and thus the biggest holes, are. All equipment is contained in a camera mounted on a bike. The camera films the asphalt, so you will have both measurements and video documentation available.

We carry out comfort measurements in the following steps:

1. You find out which sections of the bike paths you want to measure.
2. Together we make instructions for the cyclist to perform the measurements. These describe the type of bike to ride, how to mount the camera, when and how to perform measurements, speed, etc.
3. The selected bike paths are measured, either by us or by someone appointed by you.
4. The collected data are processed, and results, as well as videos, become available to you.
5. You download the data to see which areas require additional attention. You may also explore data using our HOTS™ platform.

Do you know the pains?

- **Our bike paths are in a horrible state due to faulty repairs!** With two measurements a year you will know when the surface deteriorates due to repairs. That will give you time to ask the contractor to mend the repair
- **We don't have a recent estimate of the bikepath quality!** With BSQ™ you can have new data e.g. twice a year.
- **My staff are already working too many systems!** You can see the quality of the roads as a layer in your favorite GIS system or using our HOTS™ platform.
- **Closing the bike paths to measure them is not popular!** BSQ™ measurements are done using a bike. No need to close the bike paths.

## How to get started

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

Contact Hermes Traffic Intelligence to learn more about comfort measurements on your bike paths. You can contact us at [info@hermesttraffic.com](mailto:info@hermesttraffic.com).

