

## SIEMENS SITRAFFIC SIBIKE

Improving Traffic by Keeping Cyclists Moving

### Overview

Optimizing the mobility of cyclists can help counteract the rising emissions and high traffic volumes affecting many cities today. Siemens Sitraffic SiBike, the 'green wave' for cyclists, helps create a cost-effective and 'green' solution. With the help of a smartphone application, cyclists are given priority traffic lights, reducing car traffic, noise and air pollution.



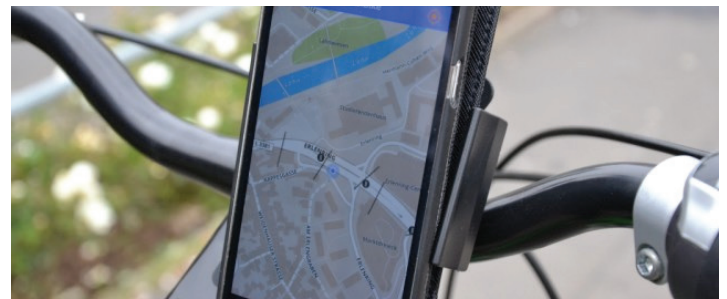
### How It Works

The cyclist carries a smartphone with the SiBike app installed. The app uses GPS to determine the cyclist's location and speed.


When a cyclist passes a virtual trigger point the app reports this to a traffic control center.


The control center sends the corresponding command to the traffic light controller.


When the cyclist approaches, the traffic light automatically turns to green or the ongoing green phase is extended.




### Benefits

 Personalized, cost-effective solution to improve your community's quality of life and help create a 'green city'.

 Simple implementation, requires no construction or hardware changes – existing controllers can be used.

 Reduces car traffic, noise and pollutant emissions.

 Makes fast-cycling lanes and cycling highways even more attractive.