actibump®

ACTIBUMP IN SHORT

edeva
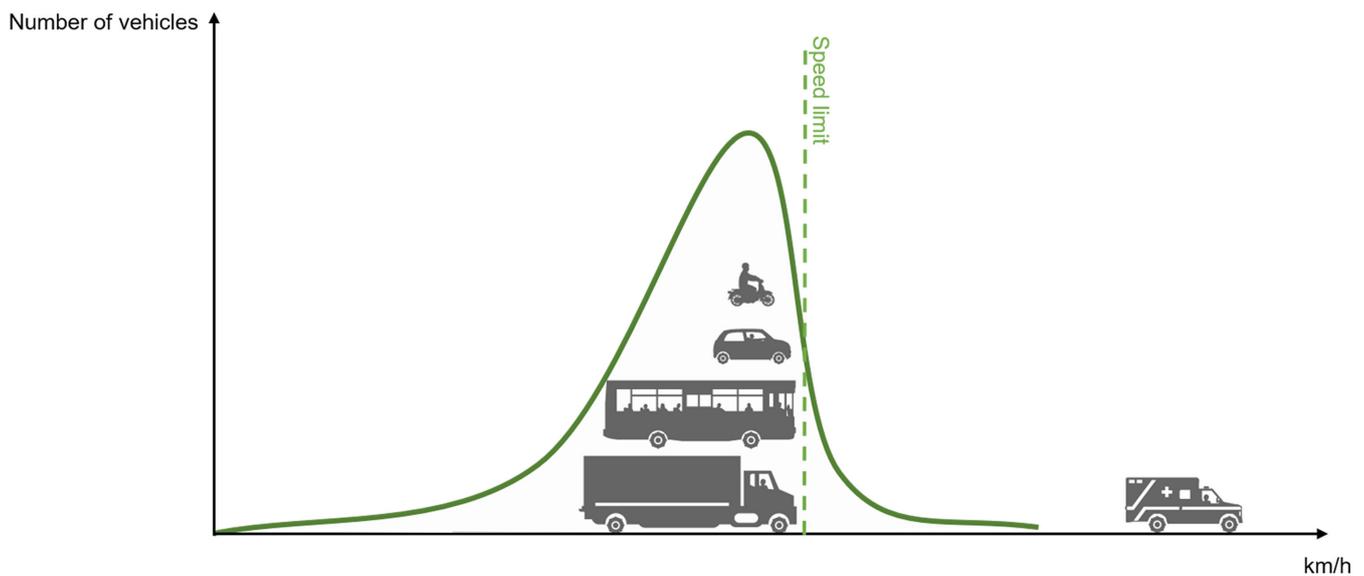
Actibump, in short

Actibump is a smart traffic system that creates safe and accessible crossings for vulnerable road users, without disrupting the traffic flow. The equipment is monitored and traffic related data is presented in the software platform EdevaLive.

Getting drivers to drive slowly isn't all that complicated, just install enough obstacles in the road. Getting a continuous traffic flow where no vehicle type is forced to drive slower than any other is more complicated and can only be done using systems that only affect speeding vehicles.

Actibump is a dynamic traffic safety system. If the speed of an oncoming vehicle is above the set speed limit a hatch is lowered a few centimetres into the road surface, giving the speeding driver a physical reminder of the speed limit. Vehicles driven at a legal speed pass on a level road without discomfort.

Using the Actibump, you will get a robust equipment to create a safe and accessible traffic environment for all.

The Actibump creates a traffic flow as represented above and an 85th-percentile speed of the speed limit ±3 km/h within six months to a year. This has been proven again and again.

EdevaLive

Actibump is connected to a software called EdevaLive. It is a software as a service (Saas) that handles both data collection and storage as well as remote monitoring of the hardware. A web interface presents the data, both in real-time and over the lifespan of the system. That is how we know how the Actibump affects driver behaviour. Additional data, such as vehicle classification can be collected and presented using the EdevaLive system.
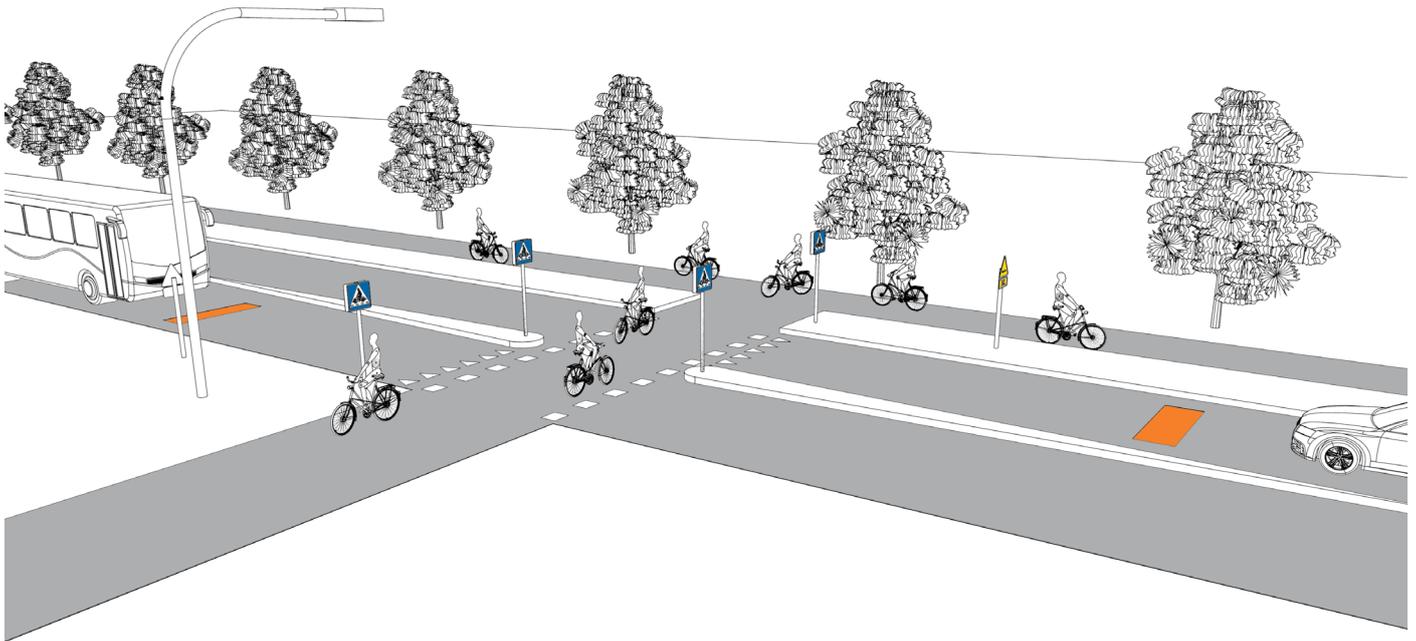
Actibump

- only affects speeding vehicles - nobody else
- creates a continuous traffic flow
- gets drivers to stay within the speed limit
- allows full access for buses and emergency vehicles.

Results:

- increased safety
- decreased emissions
- decreased noise
- more comfortable bus ride
- decreased travel time for buses
- continuous traffic measurements

EdevaLive

- monitors the hardware
- collects data 24/7/365
- presents real-time data
- stores data over the entire life-span of the system

Results:

- easier maintenance planning
- allows instantaneous follow-up of any changes
- changes can be evaluated using real data instead of calculations
- shows trends over the lifetime of the system

About the Actibump

- robust system for heavy traffic and large traffic flows
- controlled and monitored over the internet
- collects data for follow-up
- speed limit can be changed without rebuilding the site
- made for speed limits of 50 km/h and lower
- speed can be automatically adapted based on time and date
- works under any weather conditions
- affects all vehicle types equally
- can make exceptions for emergency vehicles

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