

High impact - low cost

SeeMe®

- a real-time warning system for vulnerable road users



Do you SeeMe®?

SeeMe® - What is it?

SeeMe® is a stand-alone, real-time warning system that automatically activates strong flashing lights whenever vulnerable road users such as **pedestrians, children and cyclists** are present. The automatic activation is achieved by either

- a small **automatic radio tag** carried by the pedestrian.
- an automatic **pedestrian or bicycle proximity sensor**.
- a **wireless pushbutton** may also be used.

SeeMe® can be used at **school bus stops, pedestrian crossings and bicycle crossings**.

SeeMe® is fully CE-certified and adheres to EN12352.

The impact of SeeMe®

The following results are achieved with SeeMe®

- 1. Increased awareness** — Motorists increase their awareness.
- 2. Speed reduction** — Lowering the speed with the help of a real-time warning system is a more effective measure than having fixed traffic warning signals.
- 3. Increased security for pedestrians and cyclists** — With SeeMe® securing the school bus stop and school crossing, parents feel more secure and confident in allowing their children to walk, use public transport, or cycle to school instead of being driven. The introduction of a clear and simple safety measure by the local road authority demonstrates a positive action and generates goodwill.

SeeMe® is a vulnerable road user warning system. The system can be used at dangerous locations, where vulnerable road users and motorists share the same road space, such as at **pedestrian crossings, bus stops and bicycle crossings.**

Real-time warning

The SeeMe® warning system can be activated by either a small radio tag placed in, for example, a child's school bag, a pushbutton or an automatic pedestrian sensor. The warning unit is mounted above a bus stop, a pedestrian crossing, or a bicycle crossing which **automatically starts flashing its warning lights signalling the presence of the individual.**

This means that SeeMe® activates only when necessary and eliminates false warnings.

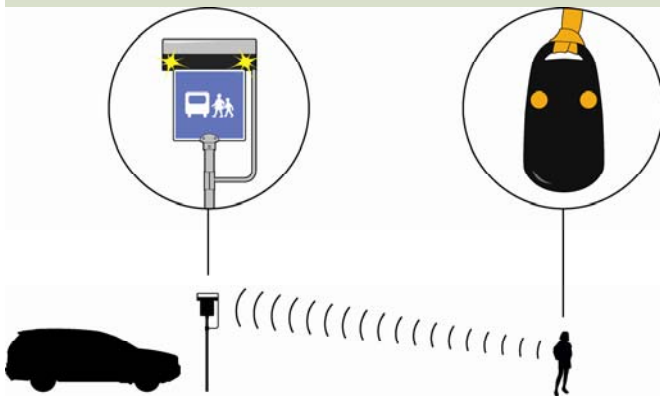


Figure: SeeMe® Warning unit with the fully automatic radio tag

Powered by solar energy and batteries

SeeMe® is powered by solar energy and batteries which means it is **energy self sufficient and maintenance free.** The activation devices are powered by batteries that will last for years. SeeMe® has inbuilt light sensors that adapts accordingly to natural lighting conditions in order to avoid blinding light at nighttime.

Economy

Being solar powered **cuts down on costly installation.** Keeping it simple and low maintenance enables the product to be easily transferred from location to location.

Tests show real impact. Evaluations done by 'The Swedish National Road Administration', show that SeeMe®, when active, **reduces the speed of passing vehicles by on average 13km/h** (the reduction is statistically proven). Earlier research with flashing lights at the 'Swedish National Road and Transport Research Institute' has given similar results with speed reductions of 20km/h on average. This speed reduction can mean the difference between life and death.

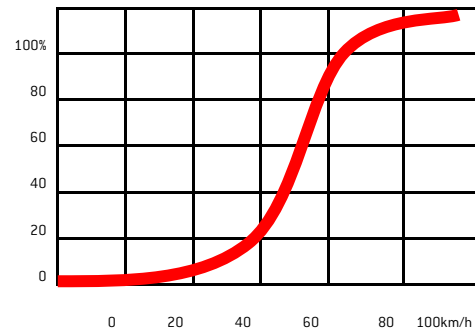


Diagram: The risk of getting killed when hit by a car at different speeds

SeeMe® is available with different activation technologies:

- **Pedestrian proximity sensor:** A wireless sensor adapted to automatically recognize pedestrians or cyclists at pedestrian or bicycle crossings.
- **Radio tag:** A fully automatic radio tag especially designed to activate the flashing light at an adjustable distance from 5 to 200m.
- **Pushbutton:** A wireless, robust and easy to install pushbutton that does not require external power.

Advantages of SeeMe®

1. SeeMe® features **'real time warning', warning motorists when vulnerable road users are present** and eliminates false warnings.
2. SeeMe® is **cost efficient**, since it is solar powered and easy to install and move.
3. SeeMe® has a statistically **proven impact** on the speed and awareness of passing vehicles as well as a positive effect on the security of the pedestrians.
4. SeeMe® can be used as an **alternative to expensive street lighting.**

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