Automatic speed enforcement in Nordic countries – today and future

Nordic Traffic safety Forum 17-18.9.2019, Lillehammer

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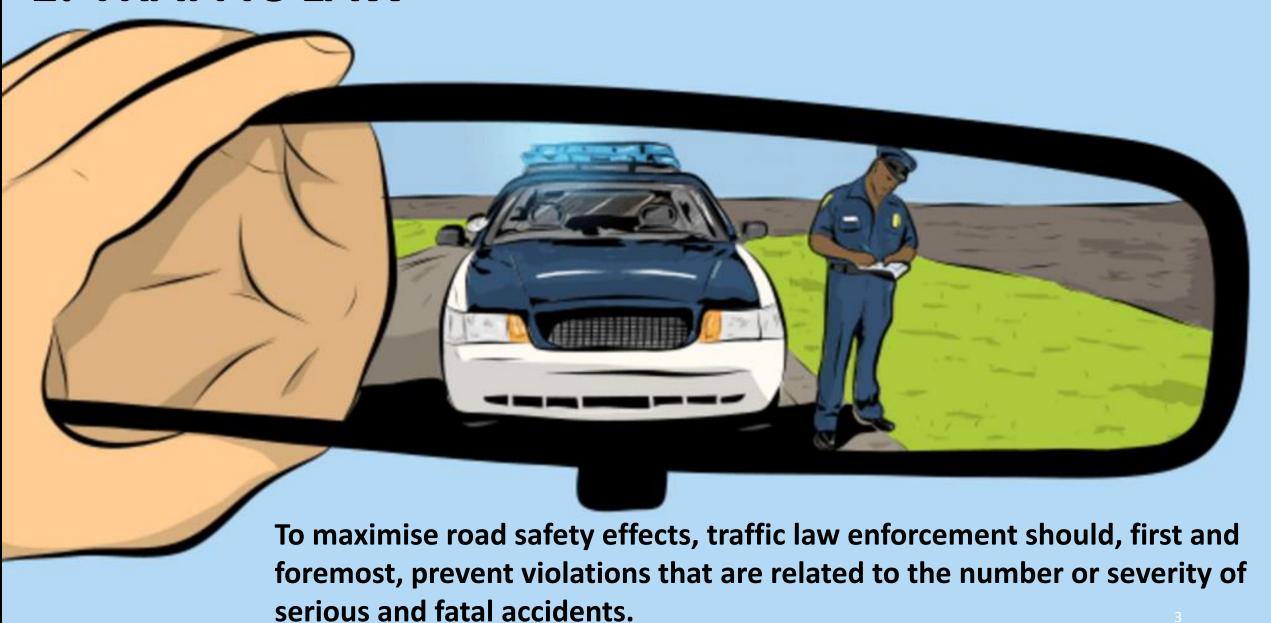
The workshop Automatic speed enforcement in Nordic countries - today and future, 3-4.4.2019, Helsinki, Finland

Many thanks to the speakers in workshop:

Heikki Ihalainen, National Police Board of Finland
Dennis Pasterstein, National Police Board of Finland
Eva Lundberg, Swedish Transport Administration
Maria Kleemo, Swedish Police
Bjørn Brændshøi, Norwegian Public Roads Administration
Karoline Lundholt, The Danish Road Directorate
Fanny Malin, Technical research centre of Finland LTD
Anna Vadeby, VTI, Sweden

http://www.nvfnorden.org/hemsida/utskott/nvf-workshop-om-automatisk-trafikkontrol-2019/

1. TRAFFIC LAW









SPEED CAMERAS	Denmark	Finland	Iceland	Norway	Sweden

973 (143 cameras) Fixed stations 20 23 (16 cameras) 271

26

No

Mobile units

Average speed control

82

No

No

No

Yes

1800

15

No



Mobile versus fixed speed cameras?







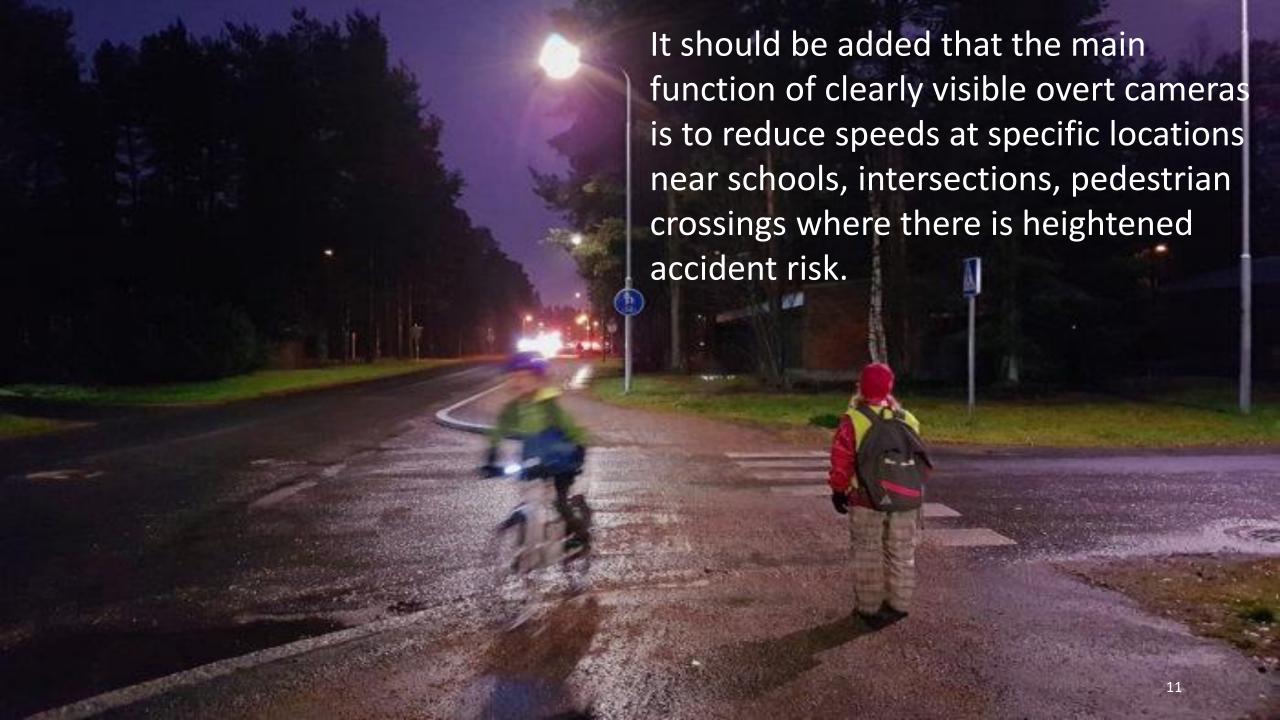
Yes, no hidden cameras

Yes, mobile units sometimes hidden

Visibility?

Yes, mobile units sometimes hidden

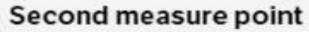
Yes, no hidden cameras.



Average speed control

Warning light

Flashes yellow if you have been speeding. Pictures of those that have been driving legally are automatically deleted.



A new picture is taken of all vehicles and average speed is calculated.

First measure point

Picture is taken of all vehicles.

Traffic sign that warns of section speed

control.

The distance between the camera points is at least 2 km.

Source: Bjørn Brændshøi

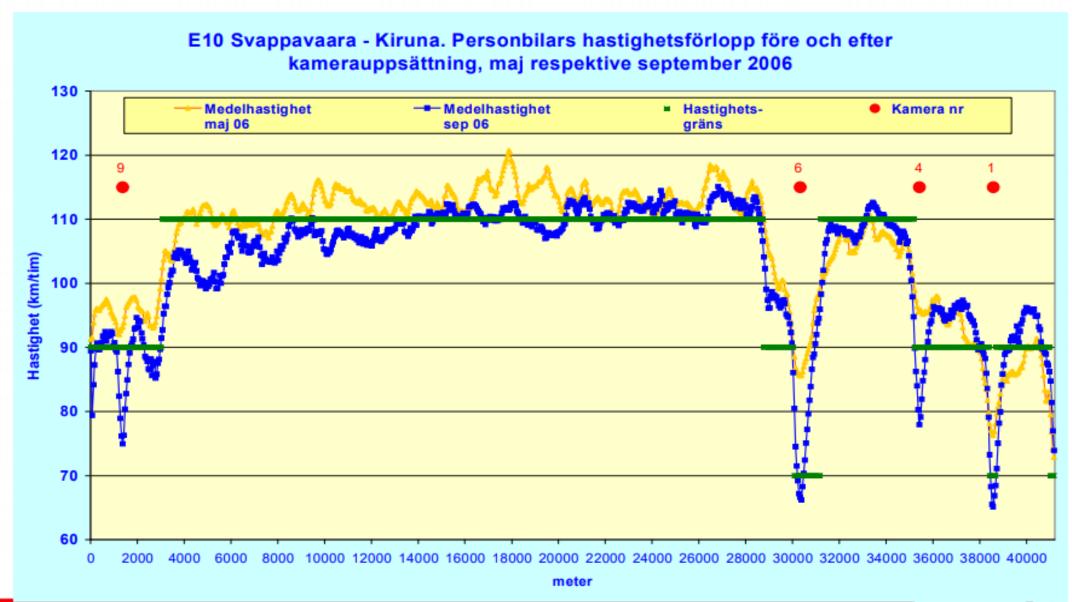
Norwegian Public Roads Administration







4. ADDITIONAL CONSIDERATIONS



Regression-to-the-mean

If she loves you more each and every day, by linear regression she hated you before you met.



"kangaroo effect"

(enforcement avoidance behavior)



5. MEASURES TO SUPPORT

SOLUTIONS FOR SAFER SPEEDS:







SAFE AND CREDIBLE SPEED LIMITS



SELF-EXPLAINING, SELF-ENFORCING ROADS



VEHICLES THAT HELP DRIVERS TO COMPLY WITH SPEED LIMITS



STRICTER LAWS



ROAD USER EDUCATION



FREQUENT TRAFFIC LAW ENFORCEMENT ACTIVITIES









Thank you for your attention

