## Traffic safety in Helsinki

Jussi Yli-Seppälä, Traffic engineer, City of Helsinki Nordic Traffic Safety Forum, Lillehammer 17.9.2019



## **About Helsinki**

• Population 643 272, region 1 475 095

100,000

0

1980

Population

1990



Helsinki

Population of Helsinki 1980–2018 and projection to 2030

2000

Projection

2010

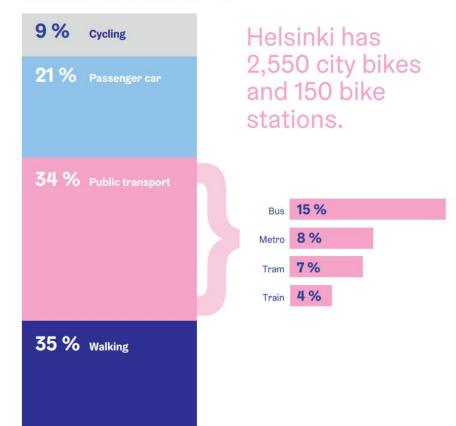
2020

2030

Population -9

#### **Transport**

Modal split (% of all journeys in Helsinki, 2017)



### **Traffic Safety Development Programme (2015–)** Vision and goals:

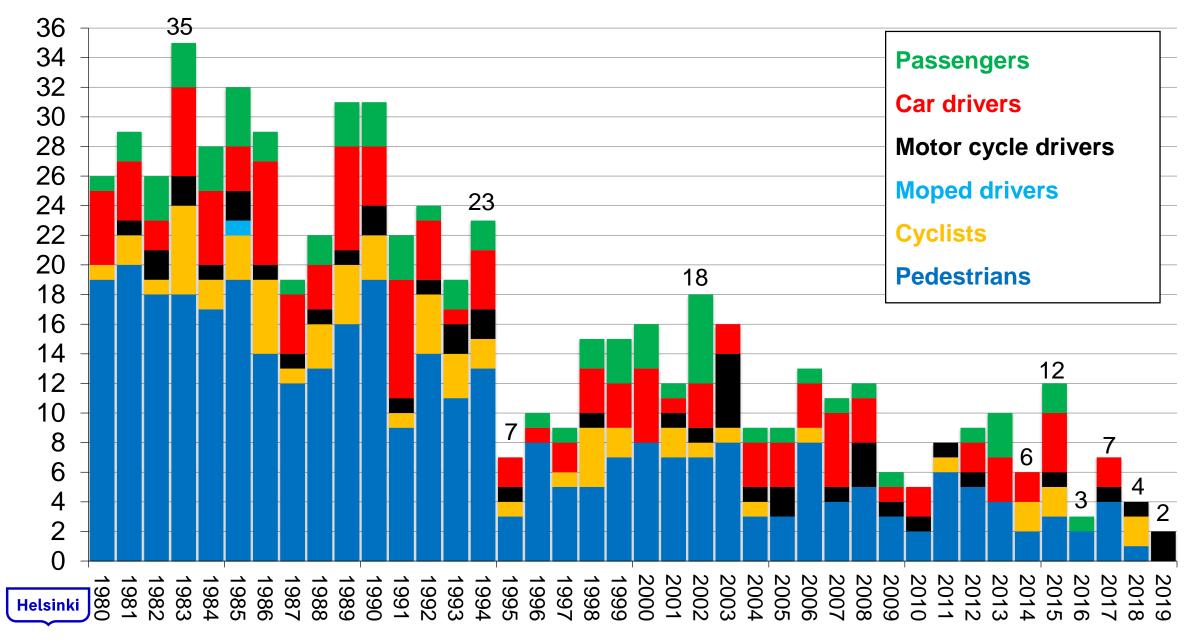
The transport system in Helsinki is safe for all participants: no-one needs to be seriously or fatally injured in traffic. Experienced safety and responsible mobility are key aspects.

**Goals for the year 2020** 

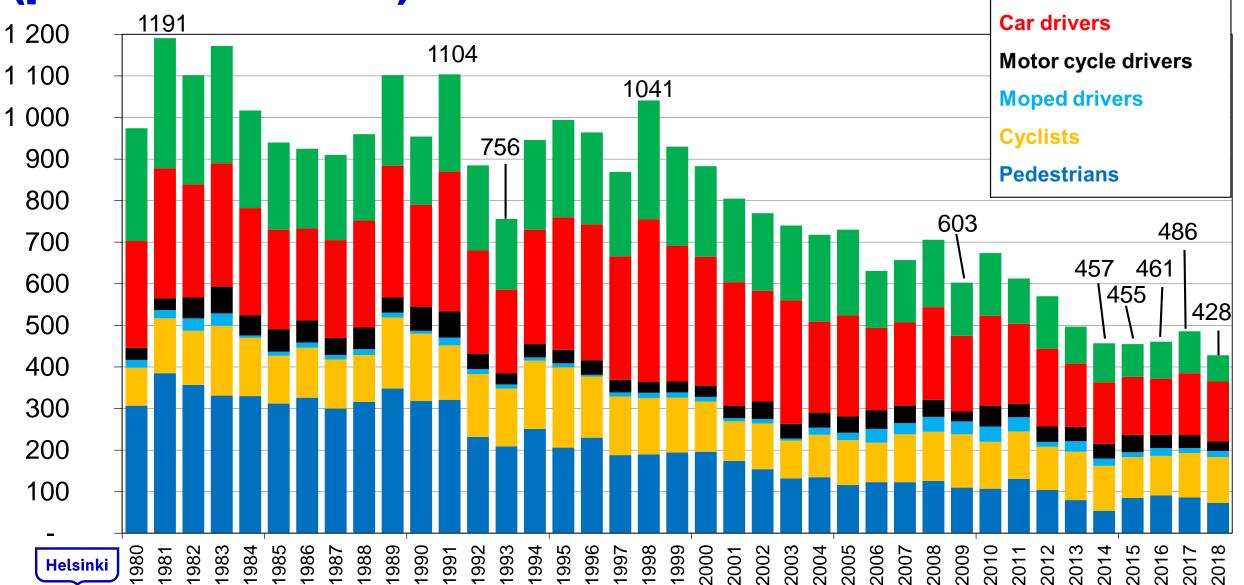
Less than 4 people die in traffic in Helsinki in the year 2020 (50 % less than the average for 2008–2010)
Less than 490 people are injured in traffic in Helsinki in the year 2020 (25 % less than the average for 2008–2010)



### Number of fatalities in Helsinki in 1980–2019



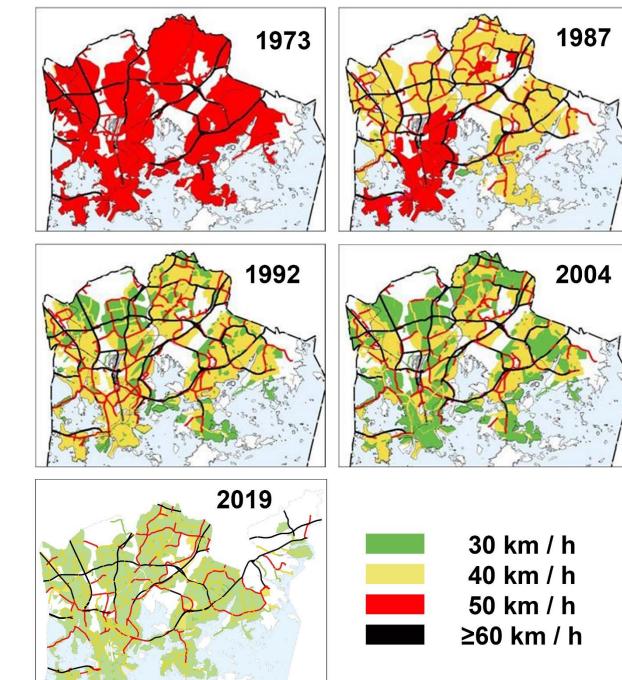
### Number of dead and injured in Helsinki in <u>1980–2018</u> (police information) Passengers



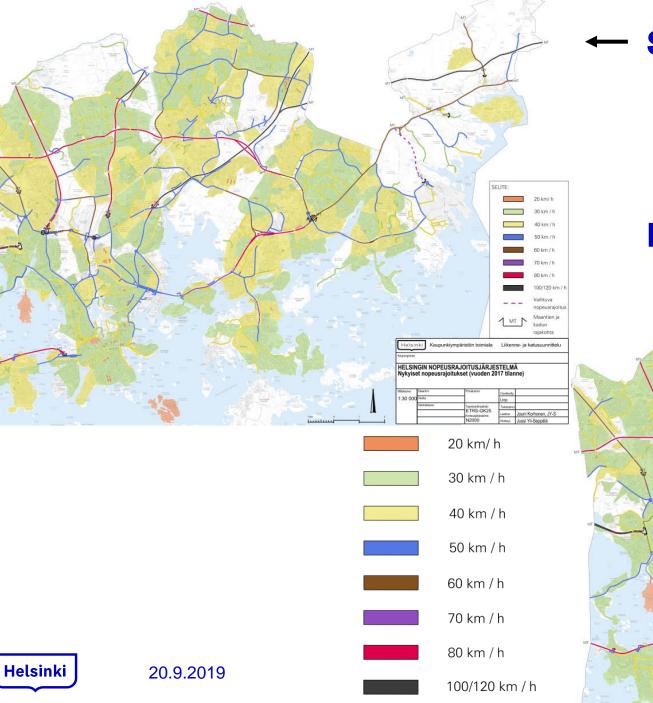
### **Traffic Safety Development Programme (2015–)** Four points of emphasis:

- 1. Safe and responsible mobility for children and the young
- 2. Safety and independent mobility of pedestrians and cyclists (especially children and elderly people)
- 3. Principles for speed limits
- 4. Co-operation, coordination and communication

## Speed limits in Helsinki in historical perspective

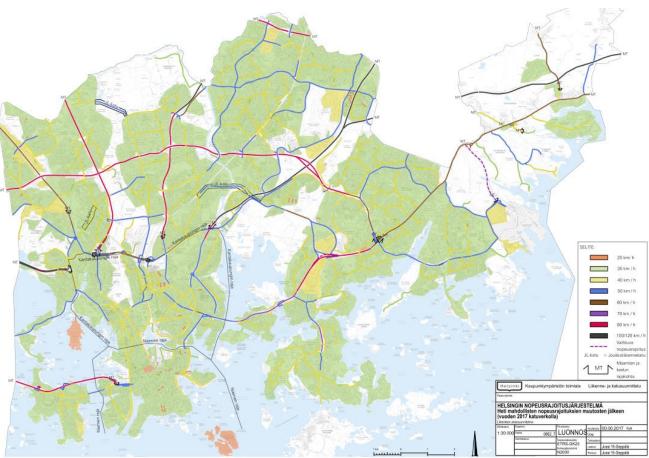


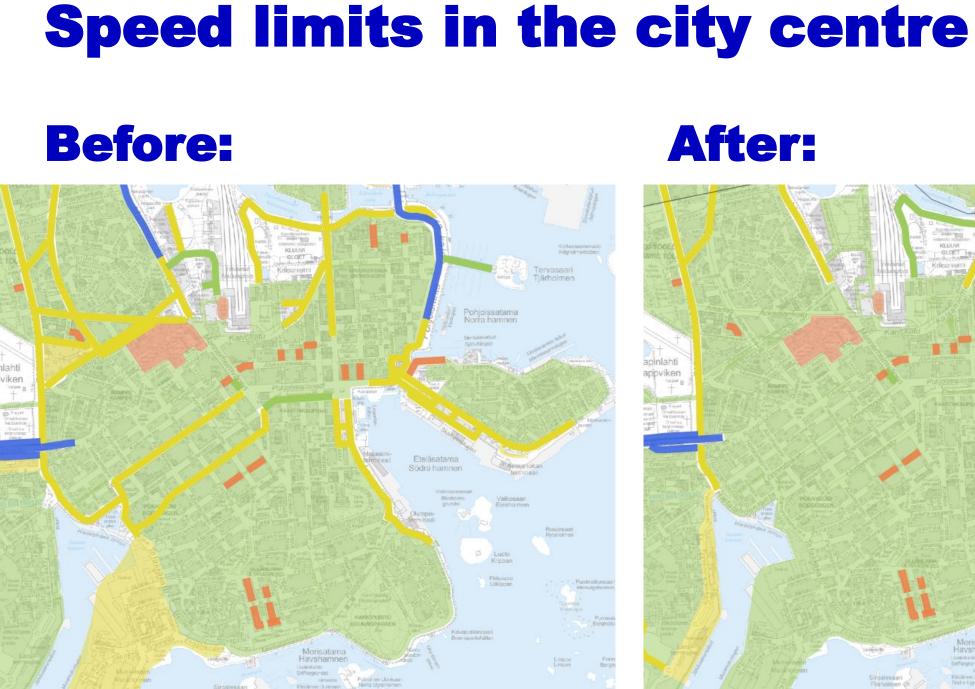




#### — Speed limits before (–2019)

#### New speed limits (2019–)





## **After:**



50 km / h

20 km/ h

30 km / h



## Automatic enforcement cameras

- 7 cameras in the street network today
- 67 new cameras in 2020–2024
- Enforcement for
  - Speed
  - Traffic lights
  - Bus lanes



Photo: Sensys Gatso

### **Safety of street crossings**

- New guidelines for planning of pedestrian's street crossings in 2019
- Guidelines are based on Swedish and Norwegian guidelines







Photos: Google Maps

# Safe cycling practices applied in Helsinki

- New planning guidelines published in 2016, <u>http://pyoraliikenne.fi/</u>
- Inner city network plan and suburban network plan approved





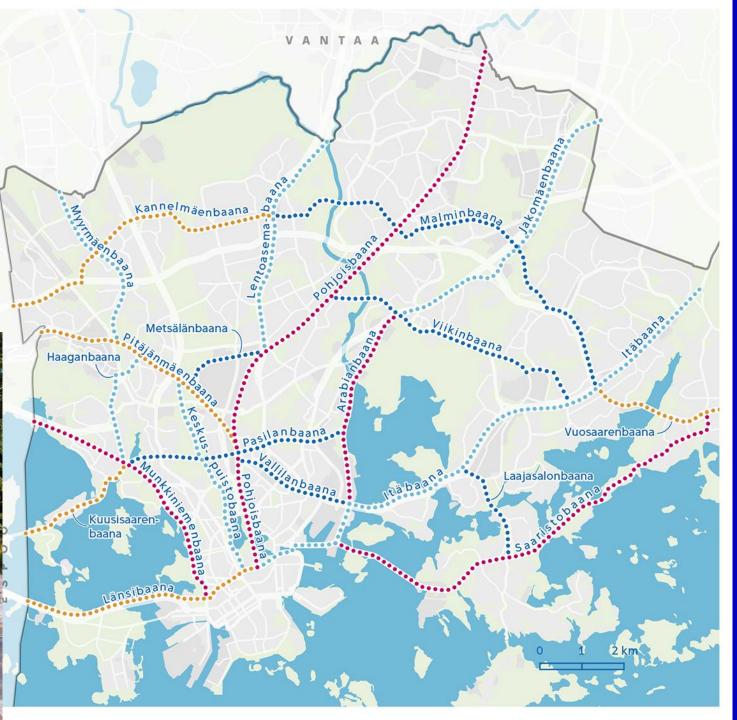
Helsinki 🎆

Photo: Jussi Hellsten

Kuva 21. Kaupunkisuunnittelulautakunnan 22.5.2012 hyväksymä kantakaupungin tavoiteverkko 2025.

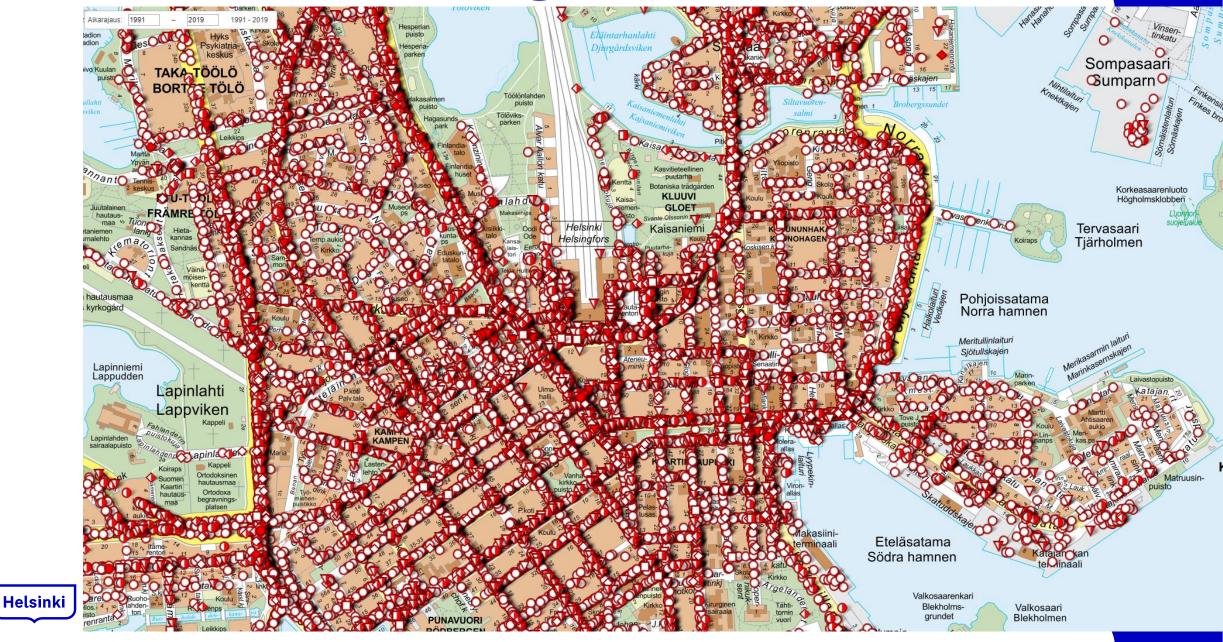
## Network of "Baana"-routes

- 130 km
- Routes for fast and safe cycling





### **Traffic accident register**



## Most bicycle accidents in Helsinki





20.9.2019

## New one-way bikeways

Helsinki



## Thank you!

