PIN Flash 37: How to improve urban road safety in Europe

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9,500 people lost their lives on urban roads in the EU in 2017.
70% of those killed on urban roads are vulnerable road users.
SPEEDING LEVELS ON URBAN ROADS IN THE EU RANGE BETWEEN 35% and 75%
• Urban road speed limits should match the road function

• Speed limits should be supported by infrastructure measures to be safe and credible

• At 30 km/h → cyclists and pedestrians can mix with motor vehicles in relative safety
VEHICLES AND SPEED

EU General Safety Regulation
• Intelligent Speed Assistance and
• Autonomous Emergency Braking
• Road safety should be integrated in Sustainable Urban Mobility Plans!
• Traffic safety – the main barrier to cycling
• Road safety - a critical challenge in shifting road users to sustainable modes of travel
CITIES: ROAD SAFETY CHAMPIONS?

- Going above and beyond national or EU legislation
- Road safety strategies and targets (based on Safe System), budget
- 30 km/h zones supported by appropriate infrastructure
- Safe and convenient infrastructure for walking and cycling
- Public procurement of safe vehicles
GOTHENBURG IN SWEDEN

• Vision Zero
• One speed hump in 1978 - 2500 traffic calming measures today – citizens asking for more!
• Residential areas - 30 km/h speed limit
• 50% of reduction in deaths and serious injuries due to traffic calming and separation of VRUs 1990-2003
• 650,000 km travelled per day shifted to arterial roads
• €1 invested = €48 in socio-economic benefits
JAWORZNO IN POLAND

• Improvements in road infrastructure since 2007
• 140 million invested: 26% - EU, 46% - national government, 28% - municipal budget
• By 2018 - 30% of city streets reconstructed
• Trips with cars decreased by 31%
• 32% of all trips in the town are done on foot, 28% on a bicycle
• Zero deaths for two and half years
JAWORZNO IN POLAND
CITIES CAN BE ROAD SAFETY LEADERS.

THE WAY FORWARD:

- Reduced motorised traffic with improved access and easier use of public transport
- Safe and convenient walking and cycling infrastructure
- 30 km/h zones supported by appropriate infrastructure
- Integrating road safety in Sustainable Urban Mobility Plans
- Local road safety targets and strategies

SAFER ROADS, SAFER CITIES:
HOW TO IMPROVE URBAN ROAD SAFETY IN THE EU
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