

Speed and vulnerable road users

PIN Talk, Riga | 11 September 2024



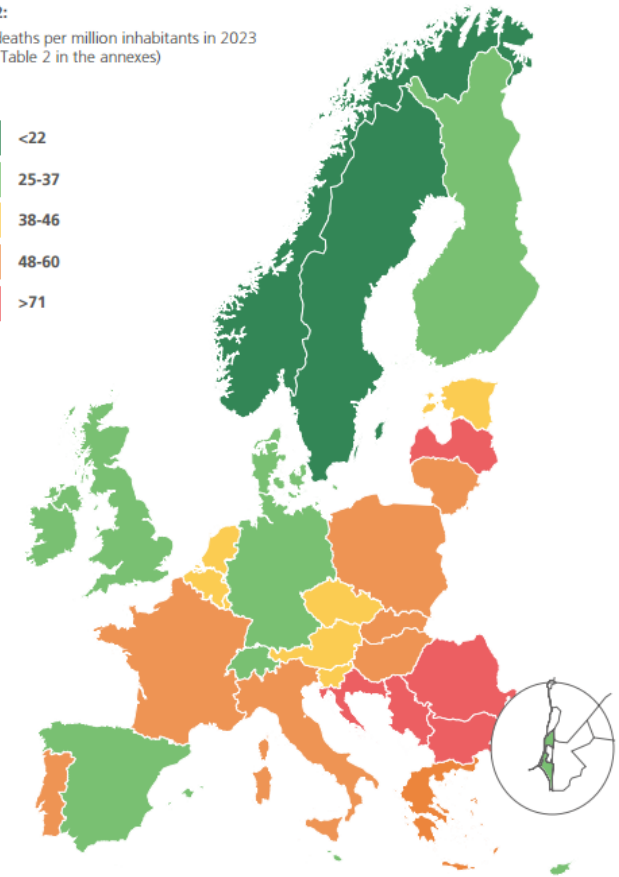
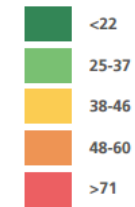
Jenny Carson
Project Manager

ETSC PIN PROGRAMME

- Experts from the 32 participating countries, including all EU Member States
- Steering Group
- Annual report
- PIN Flash reports (46 so far)
- PIN Talks

MAP 2:

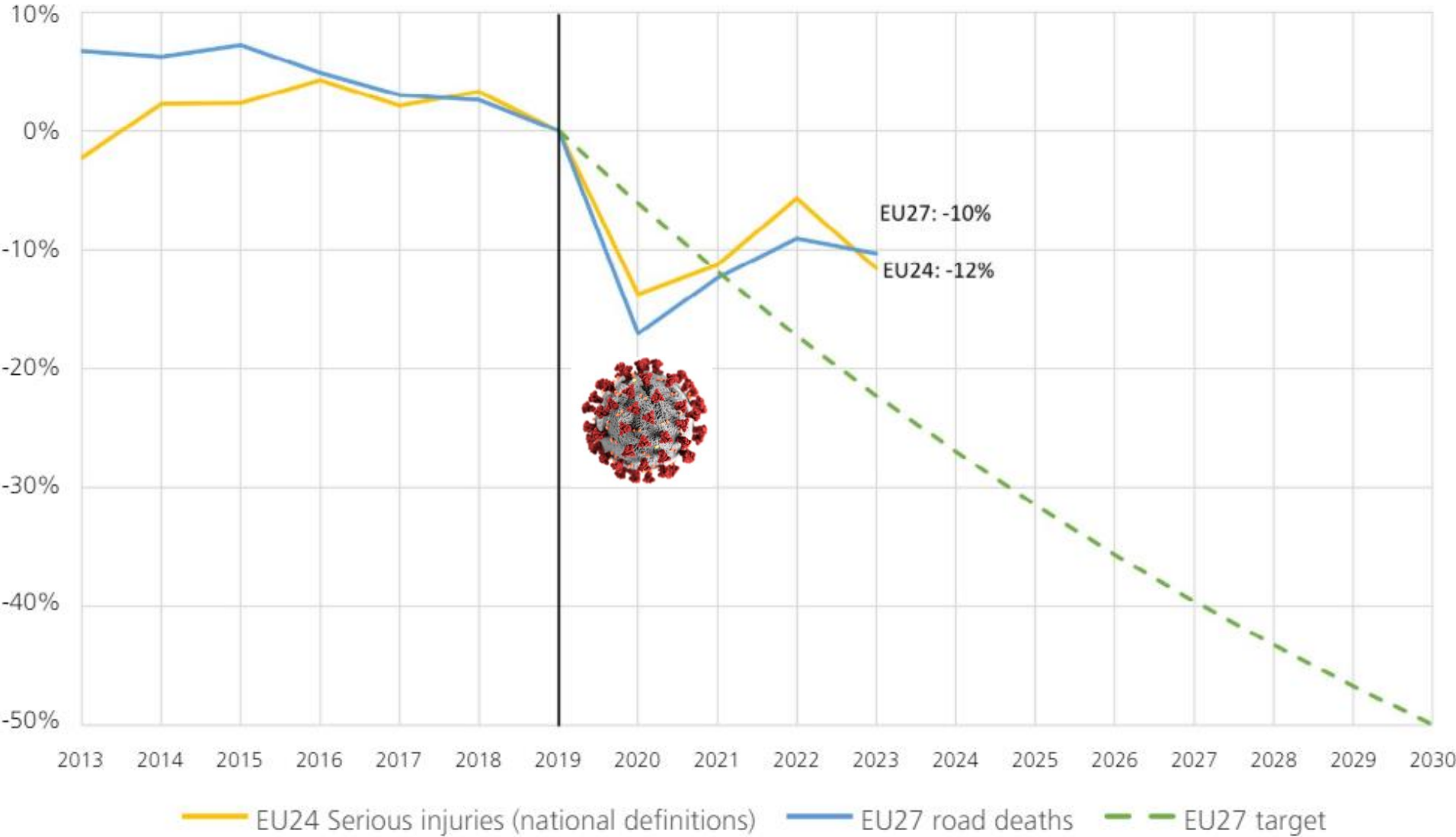
Road deaths per million inhabitants in 2023
(Fig.6, Table 2 in the annexes)



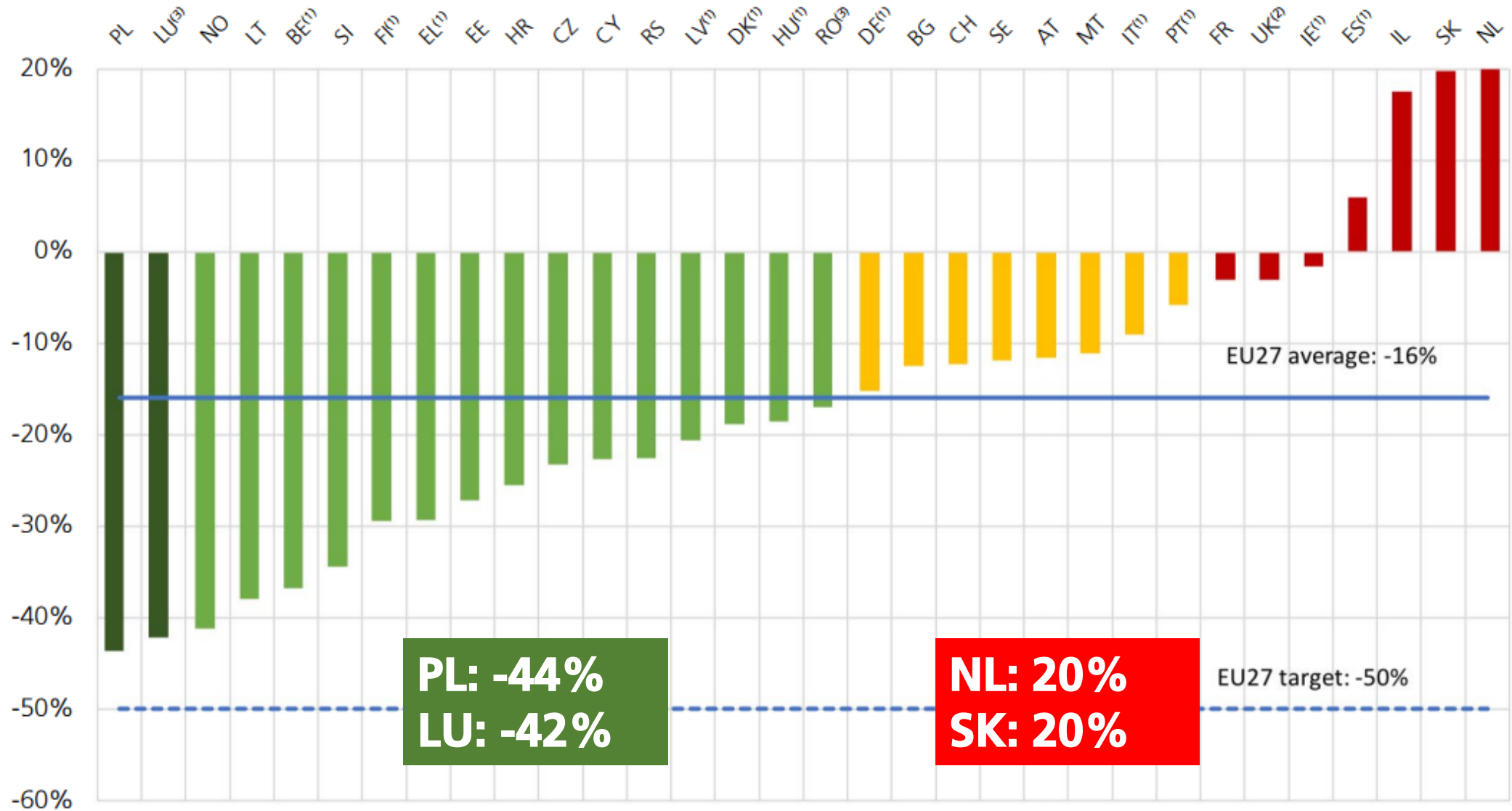
20,418

people died in road traffic
in the EU in 2023

ROAD SAFETY PROGRESS 2013-2023



PROGRESS 2013-2023



ROAD TRAFFIC FATALITIES URBAN AREAS IN THE EU (2021)

by road user and (other) 'main vehicle' involved in the crash

IN A COLLISION WITH...

1635
Pedestrians
killed by car

66% VRUs

FATALITIES		PEDESTRIAN	BICYCLE	MOPED	MOTORBIKE	CAR	LORRY (<3.5T)	HEAVY GOODS VEHICLE (>3.5T)	BUS OR COACH	OTHER VEHICLE/ UNKNOWN	NO OTHER VEHICLE INVOLVED	TOTAL
PEDESTRIANS		0	26	15	98	1635	306	246	87	125	0	2538
CYCLISTS		4	19	4	11	404	95	134	20	51	268	1010
MOPED RIDERS		0	0	4	3	107	26	16	4	14	109	283
MOTORCYCLISTS		8	3	5	31	539	95	65	11	32	424	1213
CAR OCCUPANTS		13	3	2	7	581	150	129	37	100	1127	2145
LORRY (<3.5T) OCCUPANTS		1	0	0	0	30	14	15	2	8	75	145
HEAVY GOODS VEHICLE (>3.5T) OCCUPANTS		0	0	0	0	3	1	14	1	2	28	49
BUS OR COACH OCCUPANTS		3	0	0	0	6	1	0	3	1	10	24
OTHER/UNKNOWN		1	2	1	2	64	15	10	2	13	0	110
TOTAL		30	53	31	152	3369	703	629	167	346	1127	6600

1127
Single
vehicle
collisions

Safe speed limits



In 26 out of 27 EU member states the standard speed limit on urban roads at all times is **50km/h**

According to the Safe System, on urban roads where vulnerable road users mix with motorised traffic, the speed limit should be **30km/h**



35% and 75%

**of vehicle speeds in urban
areas are higher than the
speed limit**



Speed

**OBSERVED
VEHICLE SPEEDS
ABOVE THE
SPEED LIMIT IN
THE EU:**



FROM
35% TO 75%
ON URBAN ROADS



FROM
9% TO 63%
ON RURAL ROADS



FROM
23% TO 59%
ON MOTORWAYS

Speed management

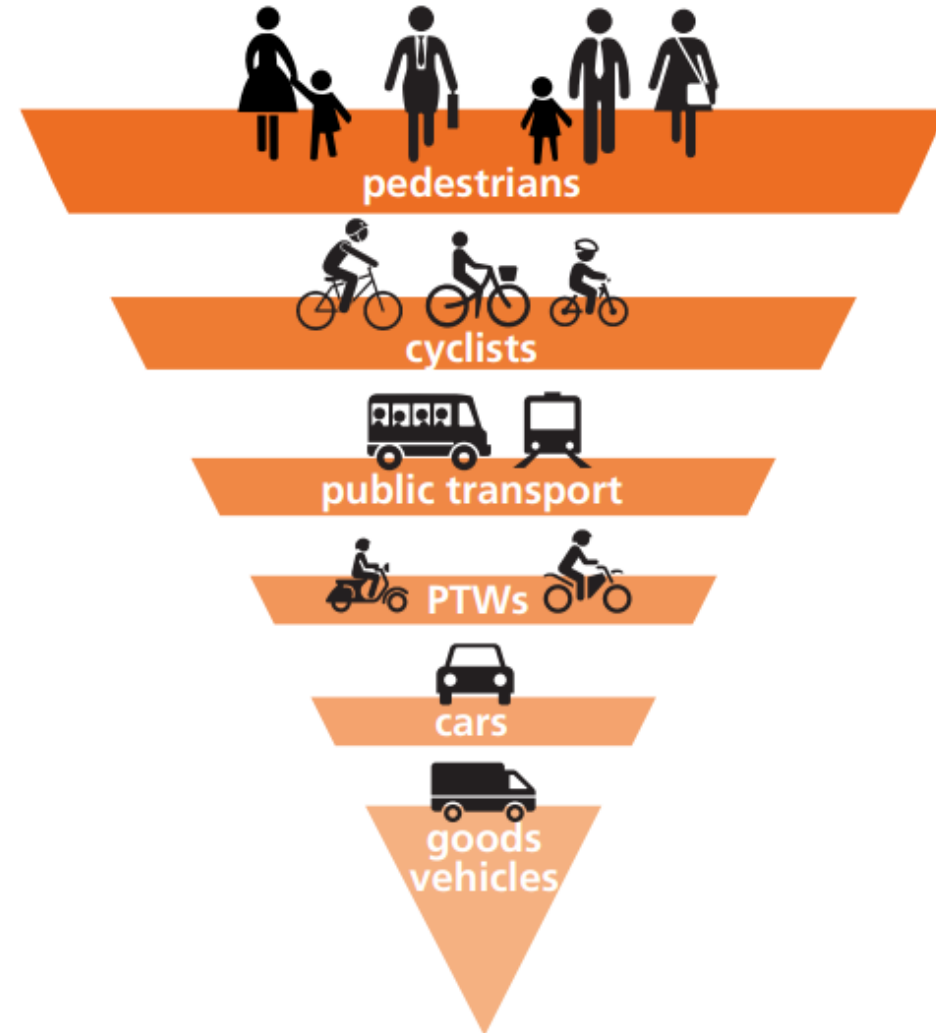
- Safe and credible speed limits
- Traffic calming, self-explaining/enforcing infrastructure
- Enforcement and Campaigns
- Vehicle technologies

Setting safe speed limits

- 30km/h – urban roads
- 70 km/h - safe speed limit on rural roads without a median barrier
- 100 km/h – safe speed on rural roads with median and side barriers
- Speed limits of much of the road network in EU countries are higher than the protective quality of the road, roadside and vehicle designs allows

Modal priority

**MODAL PRIORITY
BASED ON
VULNERABILITY OF
ROAD USERS
CAN IMPROVE
ROAD SAFETY IN
CITIES**



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



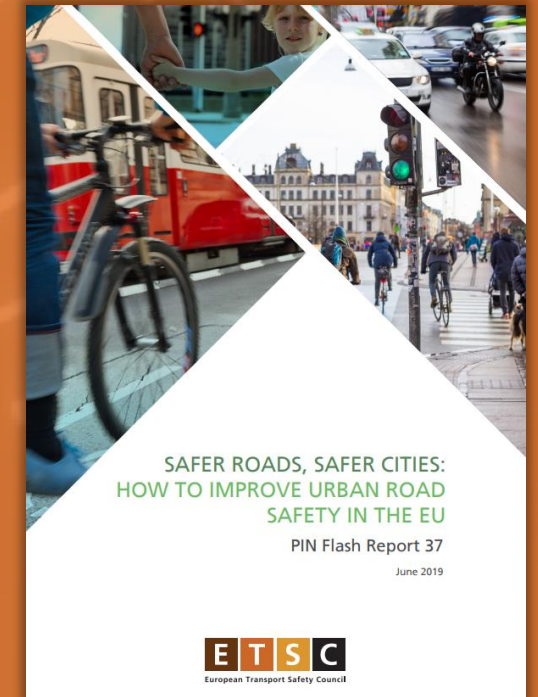
EFFECTIVE AND
FREQUENT TRAFFIC
LAW ENFORCEMENT
ACTIVITIES

CITIES CAN BE ROAD SAFETY LEADERS.

THE WAY FORWARD:



THANK YOU!



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