

# **International setup fit for road safety**

**Preliminary results of PIN Flash 22**

**Mircea Steriu  
Project officer Road Safety PIN**

**Copenhagen, 30 April 2012**

# ETSC Road Safety PIN Programme

- **Compare country performance** in road safety
- Currently includes the **27 EU Member States**, as well as Israel, Norway and Switzerland
- A **PIN Panel**: well-placed experts from each of the 30 countries (Jesper Sølund in Denmark)
- A **Chairman**: Prof. Richard Allsop
- **2 Co-Chairs**: Asa Ersson and Heather Ward
- A **PIN Steering Group**



Statens vegvesen



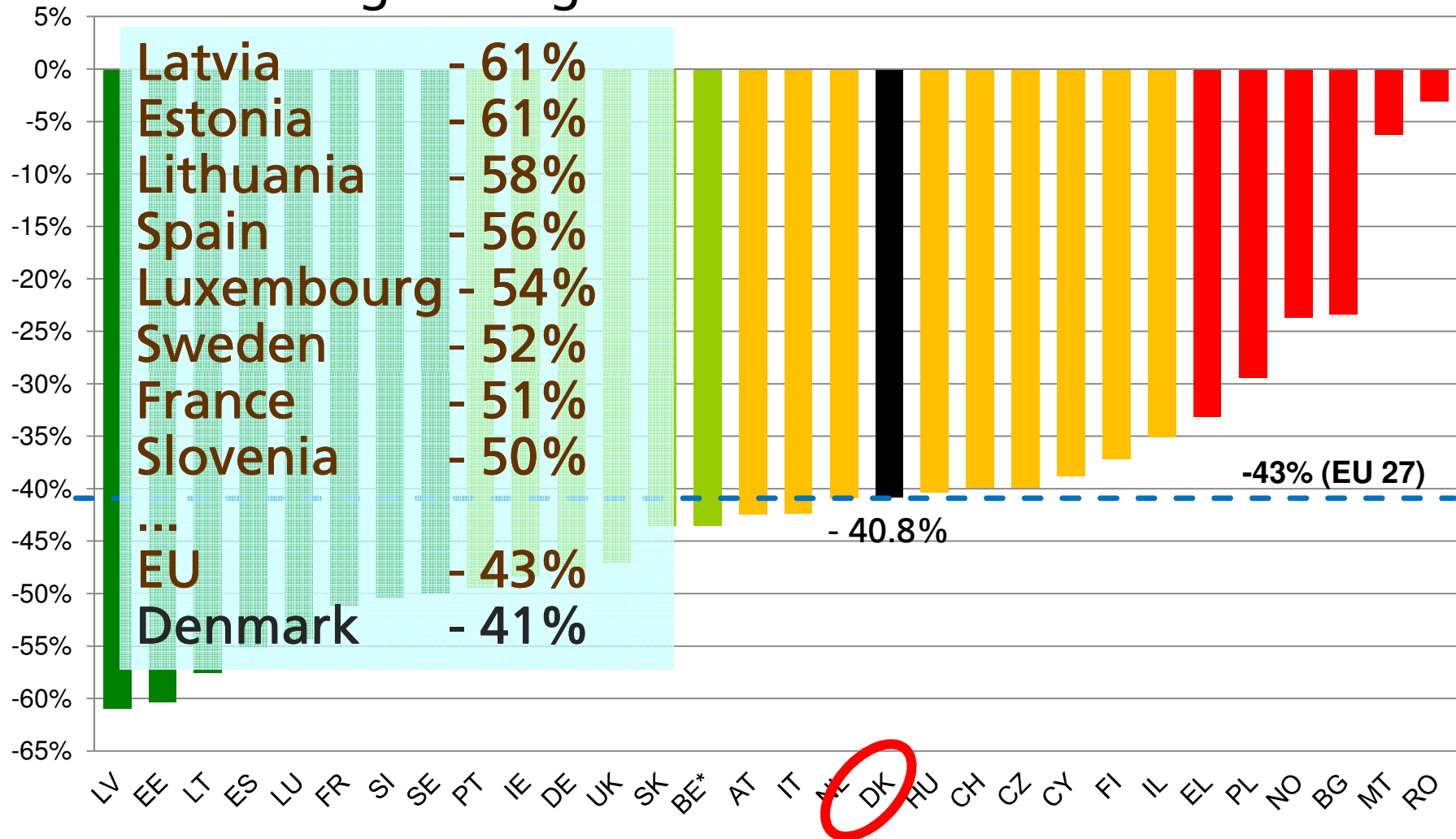
# ETSC PIN deliverables

- 2 **Flashes** a year (21 already published!)
- A PIN **Annual Report** launched at the PIN Conference (this year 6th Report) revealing the progress of each of the 30 Member States toward the EU target
- Next **PIN Conference**, 20 June 2012 (pm), Brussels

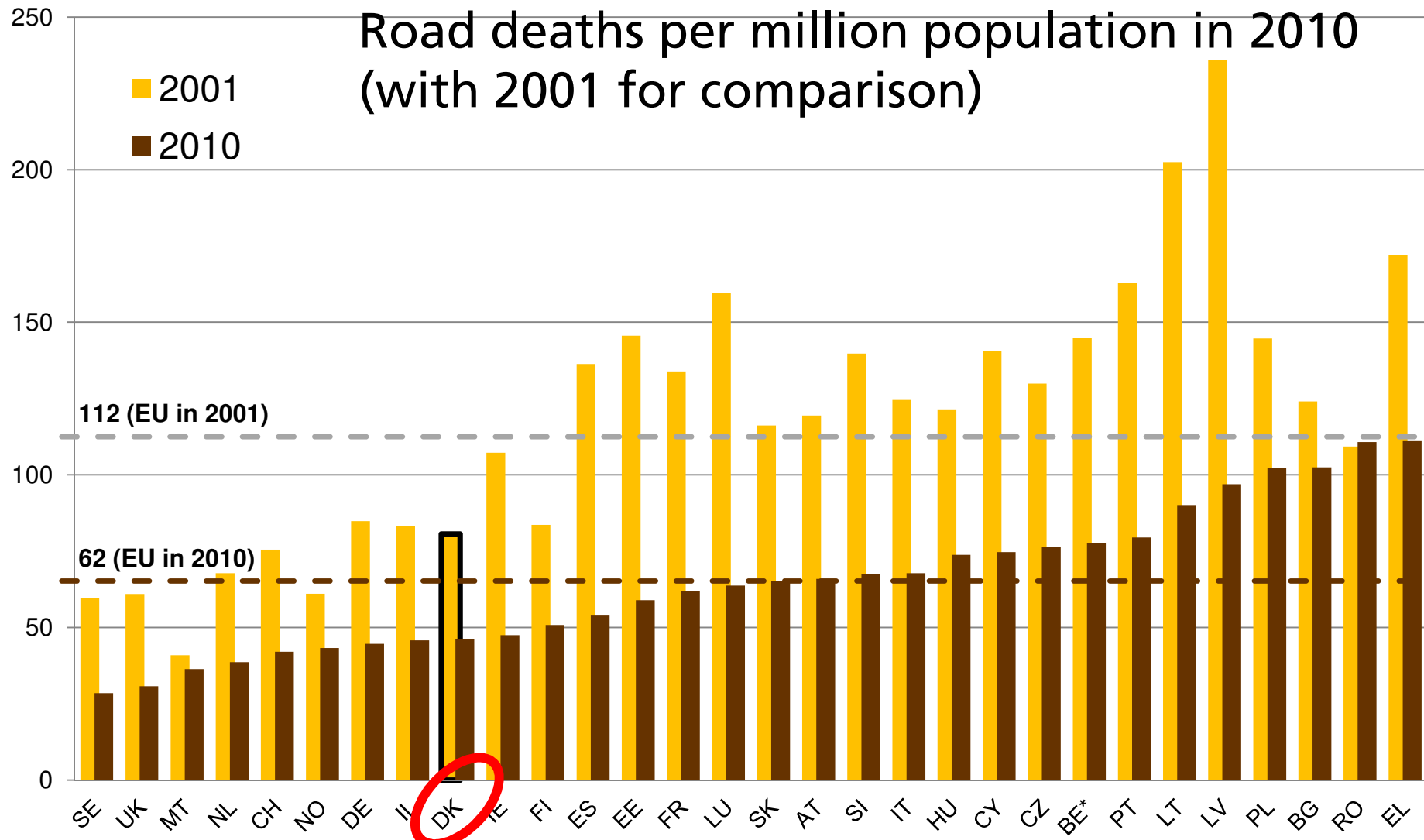
[www.etsc.eu/PIN](http://www.etsc.eu/PIN)

# Progress towards the EU 2010 target

Percentage change in road deaths between 2001 and 2010



# Where are we now?



# The impact of the EU target

- **100,000** fewer road deaths since 2001 than if the 2001 numbers had continued
- Steeper progress in 2001-2010 than in previous decades
- Estimated value of deaths prevented **€176 billion**

Period	EU-15		EU-10	
	Reduction	Annual average reduction	Reduction	Annual average reduction
1971-1980	19%	2.4%	n/a	n/a
1981-1990	8%	1.7%	n/a	n/a
1991-2000	22%	4.0%	18%	1.5%
2001-2010	47%	6.2%	38%	4.7%

# How was this possible?

- More enforcement and stricter traffic laws
- Vehicle safety improvement
- Infrastructure safety improvement
- And better Road Safety Management?

# Introduction and context

- Road safety policy needs to be supported by effective institutional management in order to achieve long term effects on road safety levels
- Systematic and strategic thinking: vital for sustaining medium and longer term reductions in the death and injury on the roads
- Road Safety Management (RSM) – three inter-related layers:
  - Institutional management functions;
  - Interventions;
  - Results.



# Areas covered by PIN Flash

- Vision for road safety
- Targets for casualty reduction
- Road safety action plan
- Scientific choice of measures
- Institutional roles and responsibilities
- Allocation of responsibility for countermeasures
- Funding for road safety
- Public and private sector awareness and involvement
- Road safety legislation
- Enforcement of road safety laws

# Areas covered by PIN Flash – continued

- Infrastructure safety
- Emergency response
- Public health approach
- Performance targets
- Monitoring and evaluation
- Accident and casualty data
- Exposure data and safety performance indicators
- Research
- Best practice exchange
- Training

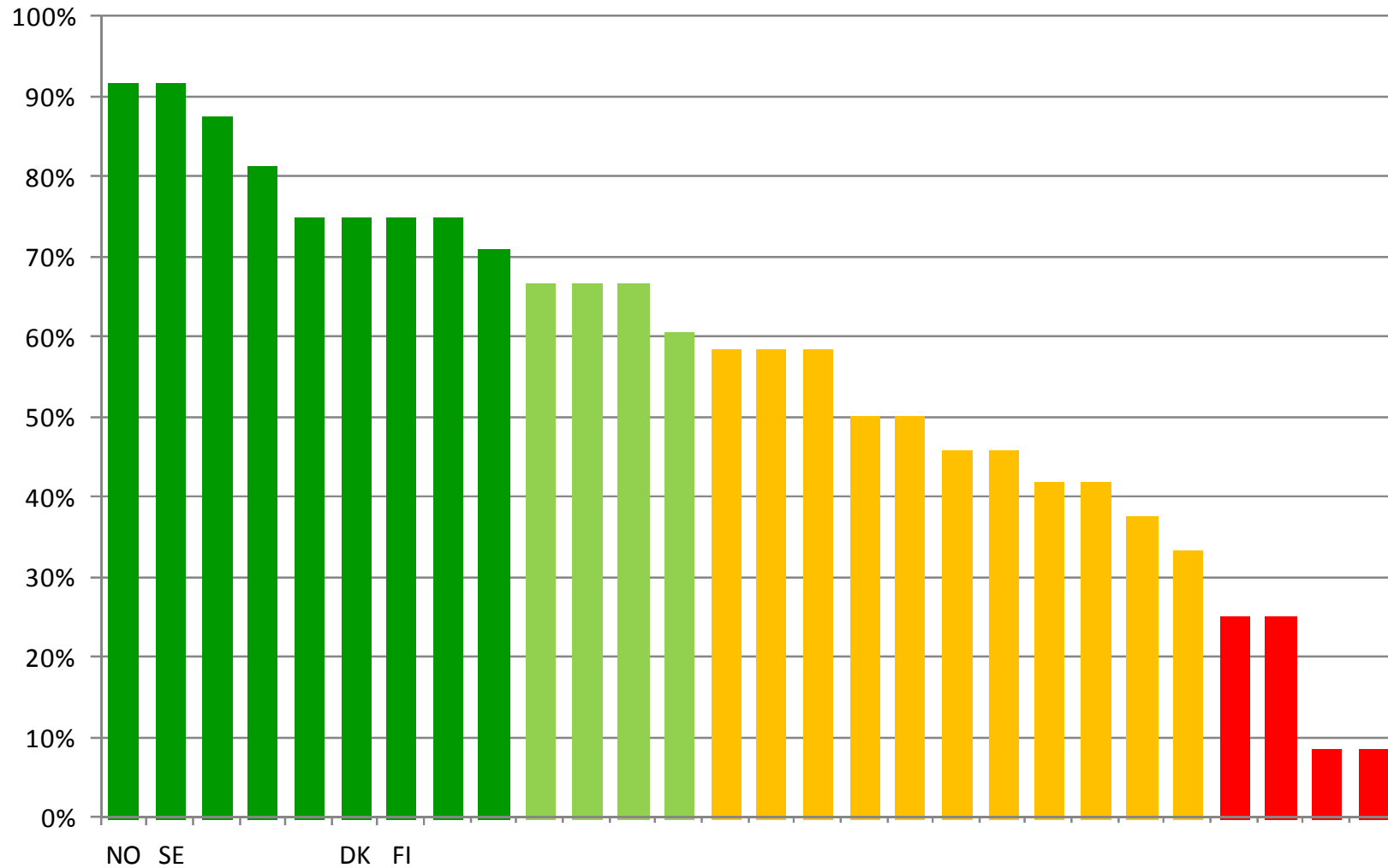
# Questionnaire and organisation of responses

- 23 questions
- Replies provided by PIN panellist in each country: answers constitute the panellists' assessment of their respective situations
- Questions divided into different sections according to previous research:

*A methodological approach to national road safety policies*  
(ETSC 2006)

- Points awarded to panellist responses for each question
- Section 1: the basics of road safety management: Vision, strategy, targets, programmes, leadership
- Section 2: From strategy to action, creating the means for effective policy
- Section 3: implementation and updating of the plan or programme

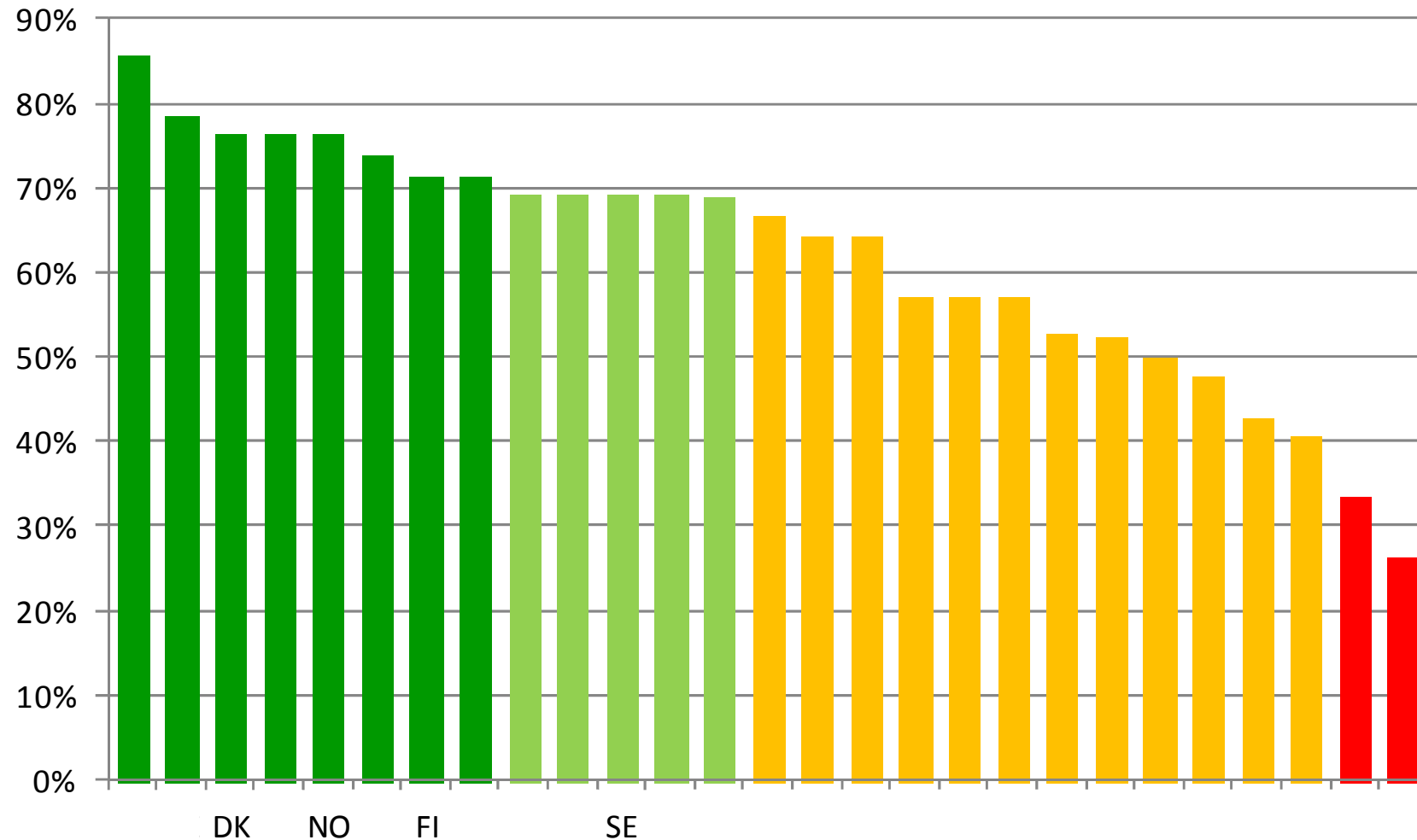
# Section 1 the basics of road safety management



# Section 1: Replies from Denmark

Has a national road safety vision been set in your country?	YES
Has a national quantitative road safety target been set in your country for:	40% between 2005-2012
• reducing the number of deaths?	
• the number of people seriously injured?	40% between 2005-2012
• other quantitative targets?	Slightly injured: 40% 2005-2012
Has a national road safety strategy, programme or plan been formulated and adopted?	YES for 2005-2012
Are government authorities showing leadership in:	NO
• Purchase or renting of safe vehicles?	
• Fitment of non-mandatory safety equipment in owned/rented vehicles?	NO
• Establishing travel plan including safety for employees?	NO
• Requiring their contractors to do any of these?	NO

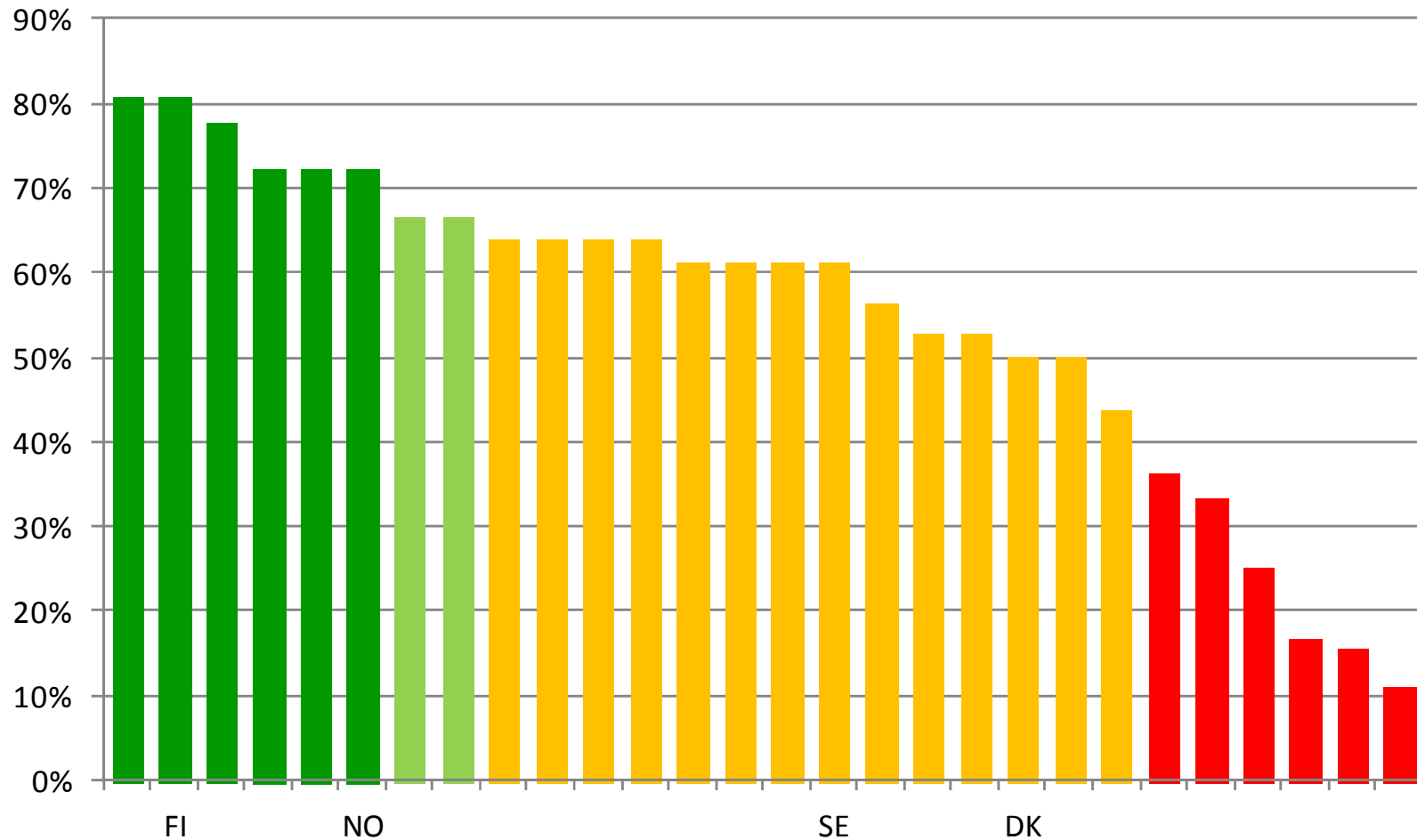
# Section 2: From strategy to action



## Section 2: Replies from Denmark

Lead agency responsible for policy-making	YES
Lead agency coordinating activities of main actors	PARTLY
Surveys of road users' behaviour and attitudes	YES
Is there at least one research institute or university department helping to choose interventions scientifically?	YES
Are the results of research seen to influence policy-making and implementation?	PARTLY
Are the collision and casualty data in your country accessible to all interested people and organisations?	YES
Do the data distinguish between collisions occurring in the course of work or commuting to/from work?	NO
Provisions for exchange of good practice between road safety actors as well as with other countries	YES
Are there facilities for initial training for road safety professionals in all relevant disciplines?	YES
Is there in-service training for road safety professionals in all relevant disciplines?	YES

# Section 3: implementation and updating





## Section 3: Replies from Denmark

Enforcement – speeding	51 speed tickets per 1000 population
Enforcement – drink driving	36 road-side breath tests per 1000 population
For which types of road in your country are the requirements of the EU Infrastructure Safety Directive being adopted?	E-roads only
Are the main roads in your country the subject of systematic road safety assessment?	YES
Does regular quantitative monitoring of your country's road safety performance take place?	YES
Are the results of this monitoring published periodically?	Monthly publication
Is there regular reporting on the road safety measures and interventions?	On ad-hoc basis
Does a regular evaluation of the efficiency of the road safety measures or interventions take place?	Done by the Danish Transport Research Institute

# Enforcement – speeding

Number of speed tickets issued per 1000 population

Country	2011	2010	2009	2008	2007
AT	587	497	495	457	459
NL	445	501	552	558	595
FR	n/a	161	158	156	136
CY	118	107	90	137	165
<b>FI</b>	<b>n/a</b>	<b>61</b>	<b>64</b>	<b>52</b>	<b>44</b>
EE	80	58	35	65	37
IE	59	35	39	40	45
<b>DK</b>	<b>51</b>	<b>50</b>	<b>47</b>	<b>45</b>	<b>48</b>
RO	50	44	46	51	49
SI	49	59	79	72	73
ES	n/a	46	49	44	27
LV	44	45	50	49	45
<b>NO</b>	<b>41</b>	<b>44</b>	<b>44</b>	<b>48</b>	<b>54</b>
PL	40	35	38	34	32
IL	n/a	26	29	29	22
<b>SE</b>	<b>n/a</b>	<b>24</b>	<b>24</b>	<b>23</b>	<b>23</b>
PT	22	18	16	20	20
IT	16	15	16	20	19
CH	n/a	n/a	n/a	n/a	335
LU	0	0	44	42	49
EL	21	23	29	31	32
BG	0	0	0	20	18
CZ	0	0	19	17	21
UK	0	0	18	20	24
HU	0	1	8	29	16
SK	0	0	0	24	21
LT	0	0	n/a	10	20

# Enforcement – drink driving

Country	2010		2009		2008		2007	
	Roadside police tests per 1,000 population	% above legal limit	Roadside police tests per 1,000 population	% above legal limit	Roadside police tests per 1,000 population	% above legal limit	Roadside police tests per 1,000 population	% above legal limit
FI	429	0.9%	421	1.0%	385	1.3%	318	1.6%
NO	367	0.2%		0.3%	336	0.3%		0.2%
SE	287	0.6%	293	0.7%	256	0.8%	283	0.7%
CY	217	5.3%	196	6.2%	182	5.9%	149	6.8%
SI	198	4.7%	212	4.7%	202	5.8%	191	7.3%
FR	173	3.4%	181	3.3%	189	3.3%	182	3.3%
EL	161	2.1%	147	2.8%	135	3.1%	143	2.9%
IE	126	1.9%	119	2.6%	128	3.2%	113	4.1%
AT	122	3.7%	102	4.8%		5.8%	77	7.0%
IL	122	1.0%	83	1.7%	67	2.0%	24	3.7%
HU	120	3.6%	127	3.3%	130	3.1%	143	3.2%
ES	114	1.8%	128	1.8%	112	1.8%	96	2.2%
PT	106	3.8%	81	4.3%	63	5.9%	57	5.6%
EE	105	0.7%	98	0.8%	95	1.1%	68	1.0%
PL	88	4.9%		7.5%	47	9.5%		
IT	27	2.5%	27	2.9%	23	3.4%	13	6.0%
LT					40	1.7%	34	1.6%
DK					36	5.7%		
GB			14	11.6%	12	12.9%	10	16.3%

Numbers of roadside alcohol breath tests (per 1,000 inhabitants) and percentage of those tested found to be above the legal BAC limit.

- Results will be discussed when launching the Annual Report @ the 6<sup>th</sup> PIN Conference

20 June 2012 (pm): Brussels

[mircea.steriu@etsc.eu](mailto:mircea.steriu@etsc.eu)

[www.etsc.eu/PIN](http://www.etsc.eu/PIN)