

Proposal Netherlands Tyre Noise Limits

Original GRB-61-03

C1 tyres

<i>Stage 3</i>	
<i>Nom. sect. width</i>	<i>Limit dB(A)</i>
185 and lower	67
185 up to 245	68
245 up to 275	69
Over 275	71

C2 tyres

<i>Stage 3</i>		
<i>Category of use</i>	<i>Limit dB(A)</i>	
	<i>Other</i>	<i>Traction tyres</i>
Normal tyre	70	71
Snow tyre for use in severe snow conditions	71	73
Special use tyre	72	73

C3 tyres

<i>Stage 3</i>		
<i>Category of use</i>	<i>Limit dB(A)</i>	
	<i>Other</i>	<i>Traction tyres</i>
Normal tyre	69	71
Snow tyre for use in severe snow conditions	71	72
Special use tyre	71	73

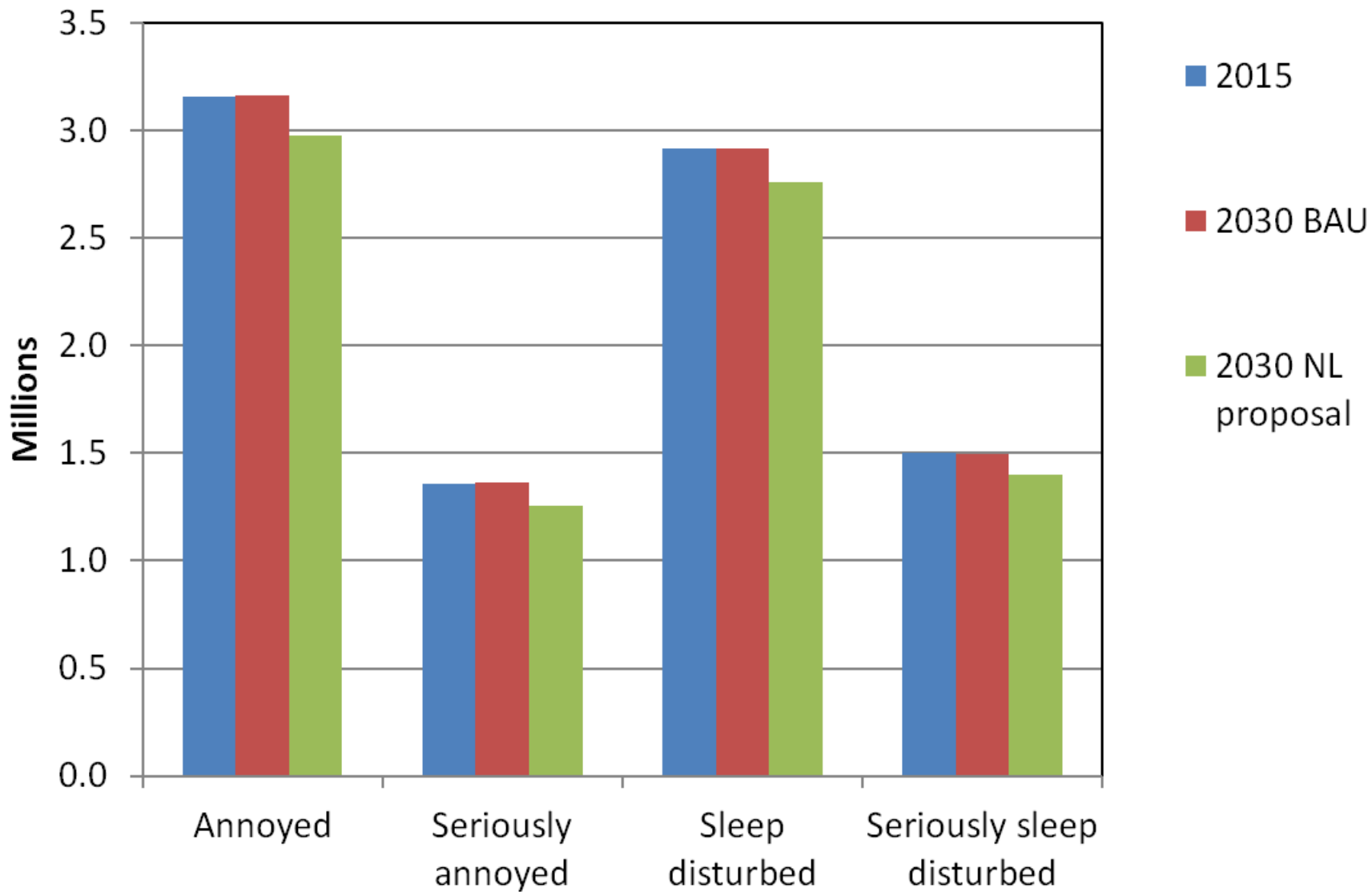
Policy Indicator Noise Emissions Roadtraffic

$E_{\text{road surfaces}} + E_{\text{tyres}} + E_{\text{powertrain}} \rightarrow$

People annoyed/sleepdisturbed

Scenario's

- 2015: present situation
- 2030 BAU: 1% growth traffic/yr, autonomous policy vehicles and tyres
- 2030 NL proposal: reduction \sim 2-3 dB
(GRB 61-03)



Scenario	Annoyed	Reduction from Sc.1	Seriously annoyed	Reduction from Sc.1
2015	3161245		1360113	
2030 BAU	3165333	-0,1%	1364278	-0,3%
2030 NL pr	2975205	6%	1252984	8%

Scenario	Sleep disturbed	Reduction from Sc.1	Seriously sleep disturbed	Reduction from Sc.1
2015	2917483		1500615	
2030 BAU	2914577	0,1%	1499111	0,1%
2030 NL pr	2761946	5%	1400251	7%

NLs proposal: GRB-62-11

- OEM tyres -1 dB
- Stages 3
- Amendment 12.10 and 12.11

12.10

As from 1 November 2020, Contracting Parties applying this Regulation shall refuse to grant approval if the tyre type to be approved does not meet the requirements of this Regulation as amended by the 02 series of amendments, and shall, in addition, refuse to grant approval if the stage 3 rolling sound requirements set out in paragraphs 6.1.1. to 6.1.3. of this Regulation are not complied with.

12.11

As from 1 November 2024, any Contracting Party applying this Regulation may refuse to allow the sale or entry into service of a tyre which does not meet the requirements of this Regulation as amended by the 02 series, and which does not meet the stage 3 rolling sound requirements set out in paragraphs 6.1.1. to 6.1.3. of this Regulation.