

Transmitted by SLR Secretary

GRE IWG “Simplification of the UN Lighting  
and Light-Signalling Regulations” (SLR)

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# Simplification of Lighting and Light-Signalling Regulations

## Status update and next steps

22<sup>nd</sup> SLR session

Shenzhen (CN), 29 Jan / 1 Feb 2018

# Simplification to be delivered in two stages

**STAGE 1**  
“Editorial simplification”

**REDUCE 41 UN REGULATIONS TO 14 + 1 RESOLUTION**

Structure of UN lighting Regulations after Stage 1

UN Regs

1  
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104  
112  
113  
119  
123



<b>NEW REGULATIONS</b> New 1 “Light Signalling Devices” New 2 “Road Illumination Devices” New 3 “Retro-Reflective Devices”
<b>INSTALLATION</b> R-48 R-53 R-74 R-86
<b>LIGHT SOURCES</b> R-37 R-99 R-128 (Simplified structure with reference to a Resolution, R.E.5)
<b>VARIOUS</b> R-10 R-45 R-65 R-88

**ONLY**  
**14 Live**  
**Regulations**

GRE-77-32

6

**STAGE 2**

“Performance based / Technology neutral”

**REWRITE THE NEW REGULATIONS WITH UPDATED PERFORMANCE BASED TECHNICAL REQUIREMENTS SUITABLE FOR THE FUTURE**

**Programme to be defined**

IWG-SLR starts the task to define simplified technology neutral / performance based requirements in the new device and system regulations and also in R48 (Installation).

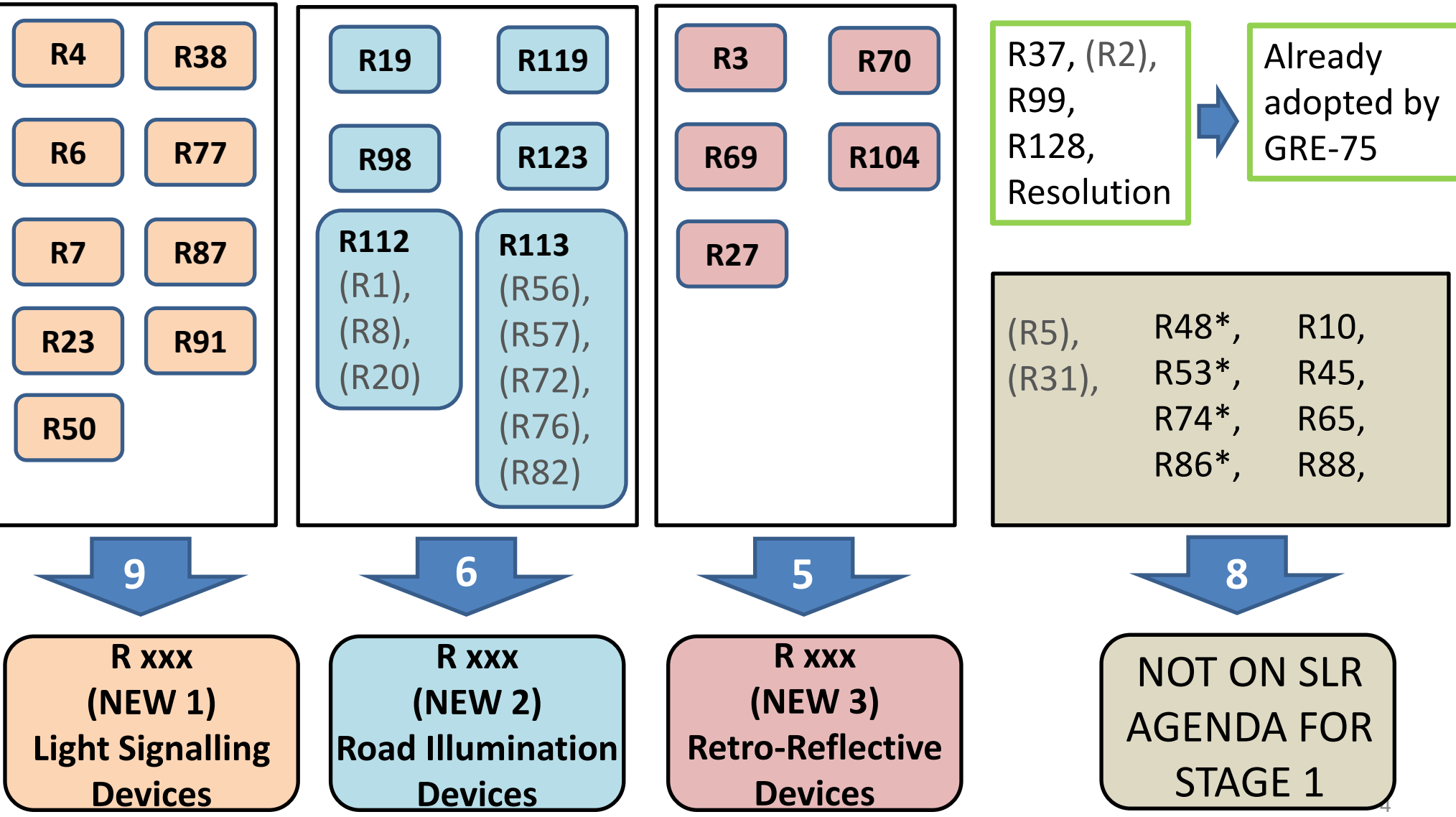
The new regulations and R48 will be amended, following usual procedures, to introduce the simplified technology neutral / performance based requirements

# Objectives of Simplification

Develop a proposal to:

Provide a structure that limits to a minimum the number of parallel amendments necessary to achieve a regulatory change	<b>Stage 1</b>
Reduce the number of active/non-frozen regulations	
Reduce the administrative burden (caused by maintenance of Regulations) on the Contracting Parties, the UNECE secretariat (and associated UN services) and the affected industrial sector	
Reduce ambiguity in the provisions to provide <b>consistent interpretation</b>	<b>Stage 2</b>
Define the essential requirements in <b>performance (technology neutral) terms to provide opportunities for innovation</b>	
Determine whether the current regulatory text presents barriers to innovation and whether <b>safety considerations are addressed</b>	
Develop, as far as possible, <b>performance-based and technology-neutral requirements to ensure freedom for technical innovation within a framework of safety principles</b>	

# GRE Regulations after Stage 1 of simplification



\* Definitions and other minor editorial adjustments / synchronisation will be addressed  
 Regulations in parenthesis are frozen already.

# SLR PACKAGE (Stage 1)

... not “just” 3 new UN Regulations  
BUT

## A package of 19 proposals, including 2 Collective Amendments!

### Reorganized and grouped **definitions**

- R48-06, R53-02, R74-01, R86-01

### **Transitional Provisions**

Coll. Amd. for Regulation  
Nos. 3, 4, 6, 7, 19, 23, 27,  
38, 50, 69, 70, 77, 87, 91,  
98, 104, 112, 113, 119  
and 123

### **NEW SIMPLIFIED UN REGULATIONS**

- Light Signalling Devices (LSD)
- Road Illumination Devices (RID)
- Retro-Reflective Devices (RRD)

### **UPDATED REFERENCES TO DEVICE REGS.**

- R48, series 03, 04, 05 and 06 of amendments
- R53, series 01 and 02 of amendments
- R74, series 01 of amendments
- R86, series 00 and 01 of amendments

### Use of “**Change Index**” and its definition

- R48-06 + Coll. Amd. for R53-02, R74-01 and R86-01

# Workload and meeting pace

## ❖ 22 meetings held until now:

- I. 11 September 2014 in Brussels (BE)
- II. 23 October 2014 in Geneva (CH)
- III. 14 January 2015 in Brussels (BE)
- IV. 13 April 2015 in Geneva (CH)
- V. 13 October 2015 in Brussels (BE)
- VI. 5-6 November 2015 in Brussels (BE)
- VII. 15-16 December 2015 in Brussels (BE)
- VIII. 13-14 January 2016 in Brussels (BE)
- IX. 29 Feb & 1 March 2016 in Brussels (BE)
- X. 14-15 April 2016 in Brussels (BE)
- XI. 9-10 June 2016 in Brussels (BE)
- XII. 5-7 September 2016 in Brussels (BE)
- XIII. 5-7 October 2016 in Brussels (BE)
- XIV. 5-7 December 2016 in Brussels (BE)
- XV. 21-23 February 2017 in Brussels (BE)
- XVI. 22-24 March 2017 in Brussels (BE)
- XVII. 16-18 May 2017 in Tokyo (JP)
- XVIII. 13-15 June 2017 in Brussels (BE)
- XIX. 12-14 July 2017 in Brussels (BE)
- XX. 4-6 October 2017 in Brussels (BE)
- XXI. 18-21 December 2017 in Brussels (BE)
- XXII. 29 Jan / 1 Feb 2018 in Shenzhen (CN)

## ❖ Next meetings

**SLR-23** on 4-6 April 2018 in Brussels (BE)

**SLR-24** on 30 May / 1 June 2018 in Brussels (BE)

# Stage 1 “Editorial Simplification” - GRE & WP.29 Milestones

