Simplification of Lighting and Light-Signalling Regulations

Status update and next steps

Simplification to be delivered in two stages

STAGE 1 "Editorial simplification"

STEP 1

STEP 2

FINAL UPDATE, CONSOLIDATION AND STABILIZATION OF EXISTING REGULATIONS

WP29 to adopt several GRE pending proposals as supplements to the existing regulations.

NO FURTHER AMENDMENTS.

Granting of type approvals continues.

GRE IWG-SLR in conjunction with the GRE Secretariat to produce consolidated versions of all Regulations to be frozen.

FREEZING OF EXISTING REGULATIONS ADOPTION ON NEW REGULATIONS

Development of 3 New Regulations

Preparation of TPs for the existing Regulations

WP29 to adopt New Regulations and TP's for the existing regulations

WP29 –174 March 2018

WP29 -171

March 2017

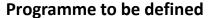


- a) ENTRY INTO FORCE OF NEW REGULATIONS
- b) TP's APPLICABLE TO FROZEN VERSIONS OF THE EXISTING REGULATIONS

STAGE 2
"Performance based /
Technology neutral"

REMOVE BARRIERS TO INNOVATION

DEVELOP NEW REGULATIONS
SUITABLE FOR THE FUTURE



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

2019

Workload and meeting pace

4 16 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)

❖ Next meeting on 16-18 May 2017 in Tokyo (JP)

3 NEW UN REGULATIONS

Light Signalling Devices (LSD)

> Road Illumination Devices (RID)

> Retro-Reflective Devices (RRD)

Current status of work

➤ Draft new UN Regulation on Light Signalling Devices (LSD) submitted to GRE-77 for feedback (see GRE-77-05)

UN Regulations Nos. 4, 6, 7, 23, 38, 50, 77, 87 and 91 merged into only 54 pages of text!

Draft new UN Regulations on Road Illumination Devices (RID) and on Retro-Reflective Devices (RRD) still in progress but nearly finalized

Structure of UN lighting Regulations after Stage 1

UN Regs



NEW REGULATIONS

New 1 "Light Signalling Devices"

New 2 "Road Illumination Devices"

New 3 "Retro-Reflective Devices"

INSTALLATION

R-48

R-53

R-74

R-86

LIGHT SOURCES

R-37

R-99

R-128

(Simplified structure with

reference to a Resolution, R.E.5)

VARIOUS

R-10

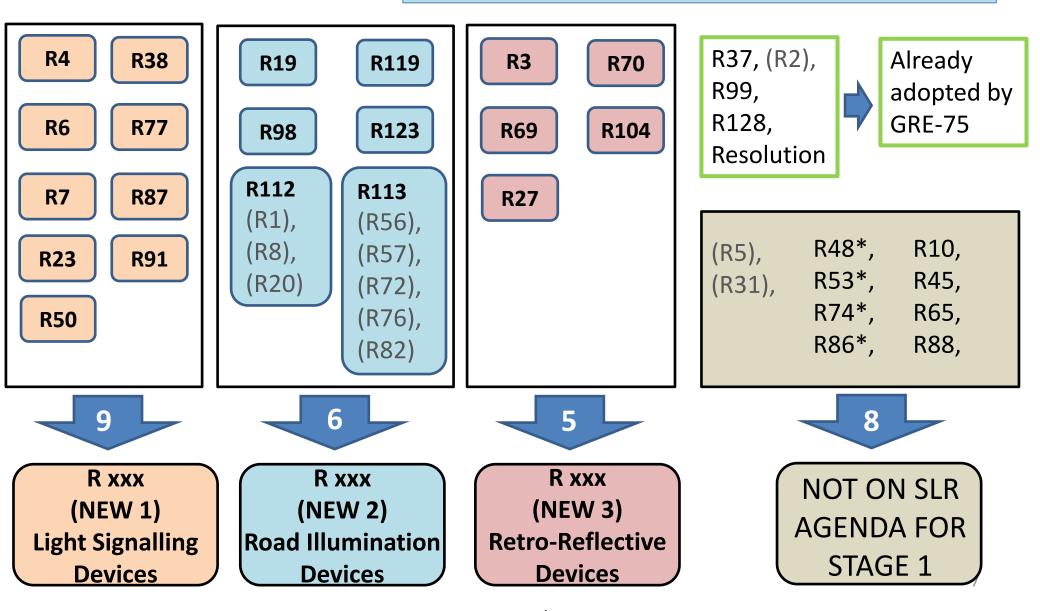
R-45

R-65

R-88

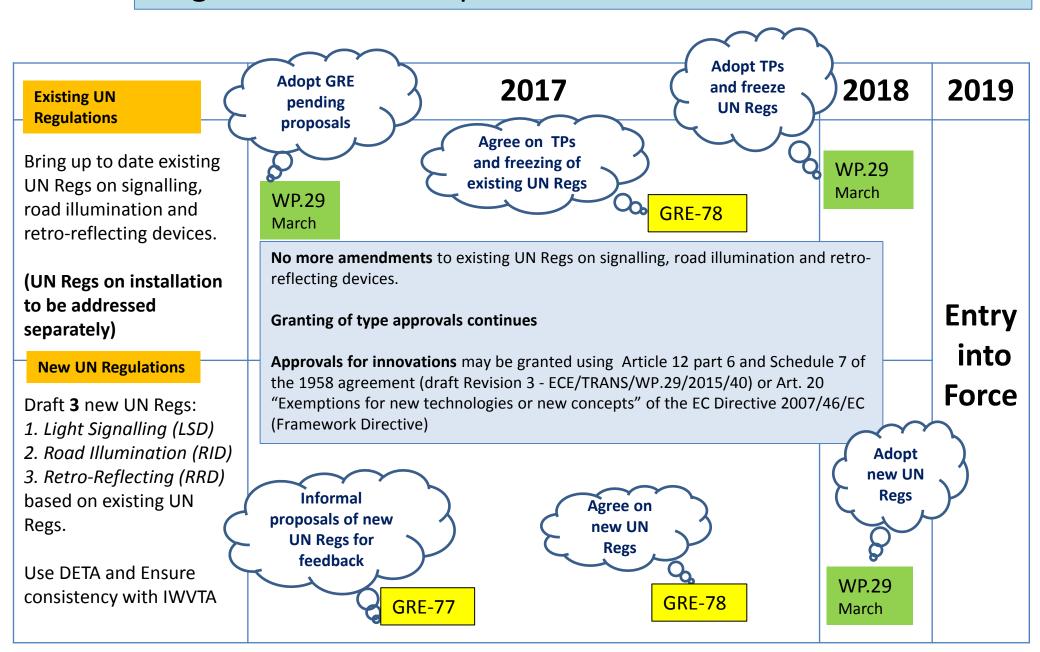
ONLY 14 Live Regulations

GRE Regulations after Stage 1 of simplification



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

Stage 1 "Editorial Simplification" - GRE & WP.29 Milestones



Next steps and challenges in 2017

