



GRE SLR IWG

The UN World Forum for Harmonisation of Vehicle Regulations (WP.29 and GRE)

Simplification of the UN lighting and light-signalling regulations

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Long term objective

Overarching objective – safety of traffic participants

How to come up with a regulatory framework that will:

Be future-proof/stable over many years,

Not require regular amendments to accommodate advances in technology,

Reduce the administrative burden,

Provide legal certainty for the automotive industry and its investors,

Promote innovation



Challenges

How to deal with complexity and the number of UN lighting and light-signaling Regulations, i.e. 31 Devices Regulations in addition to 4 Installation Regulations, 3 Light-Sources Regulations and 5 other Regulations

WP.29 signaled its strong reluctance to process frequent amendments to the existing lighting and light-signaling Regulations,

How to facilitate global adoption of technical requirements and render the UN system more attractive to contracting parties

Need to develop objective technical requirements and repeatable tests, based upon research findings, suitable for Type Approval and Self Certification regulatory systems ,



Mandate

In March 2012, at the 156th session of WP.29, the European Union, supported by Japan, urged WP.29 to consider the simplification of the lighting regulations and to focus upon developing less technology-specific, more performance-related requirements.

At its sixty-ninth session, GRE agreed to create a special interest group of experts, which met in February and June 2014, to define the Terms of Reference of this new Informal Working Group.

In June 2016 GRE Chair introduced a new staged approach and timeline for the simplification of the lighting and light-signalling Regulations in the period of 2016-2019 (WP.29-169-04-Rev.1). WP.29 endorsed the proposed approach and extended the mandate of the Informal Working Group "Simplification of the Lighting and Light-Signalling Regulations" until 2018.



Response

A multi-step/multi-stage approach

Quickest way to improve legal certainty and to deliver a solution for the administrative problem of collective amendments

Stage 1 consolidation and freeze of the existing Regulations and their gradual replacement by three new Regulations on road illumination devices, light-signalling devices and retro-reflective devices.

Continue to grant new type approvals to the existing Devices Regulations during development of the new Regulations

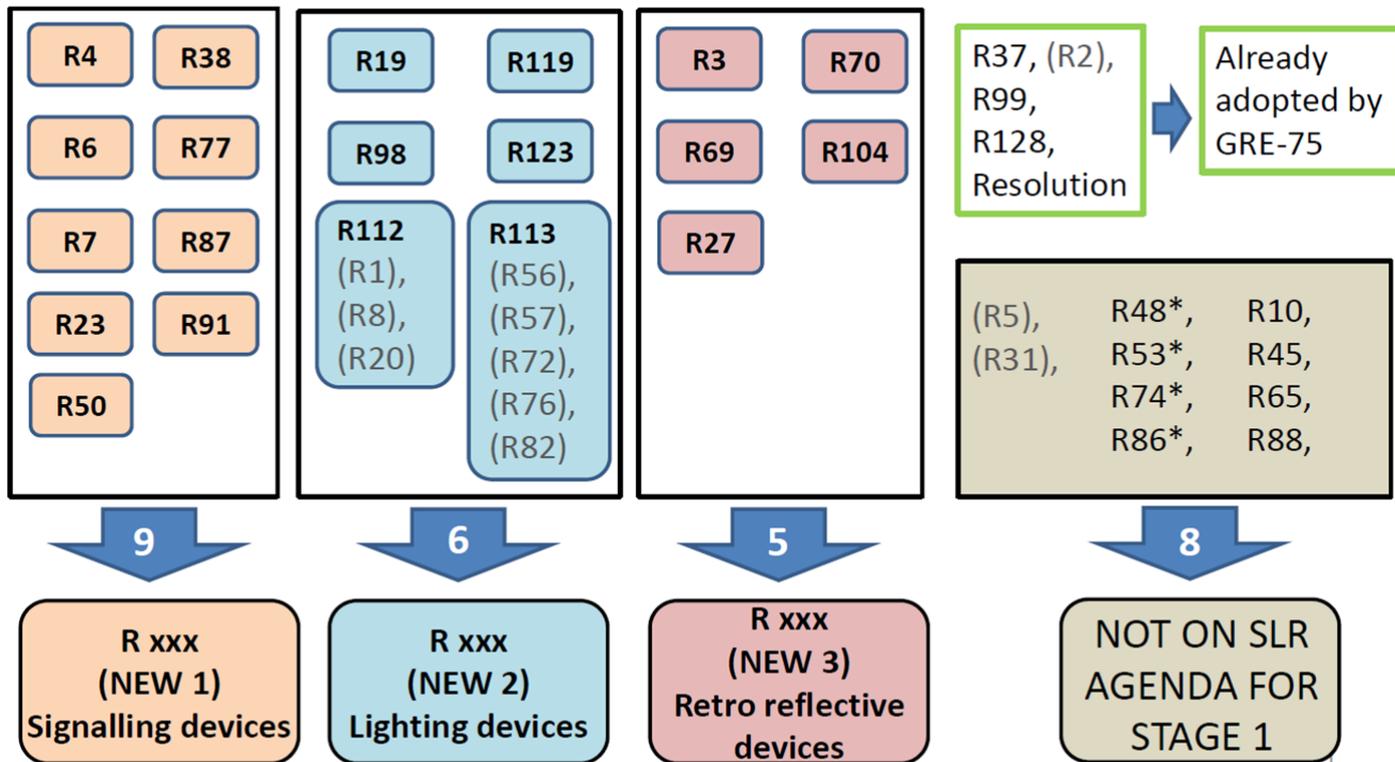
Stage 2 would include further amending of the three new Regulations and Regulation No. 48 to introduce technologically neutral and performance-based requirements.

During Stage 2, start working on performance based technology neutral criteria and review the Installation Regulations, equally suitable for Type Approval and Self Certification

Only 14 live Regulations after the simplification

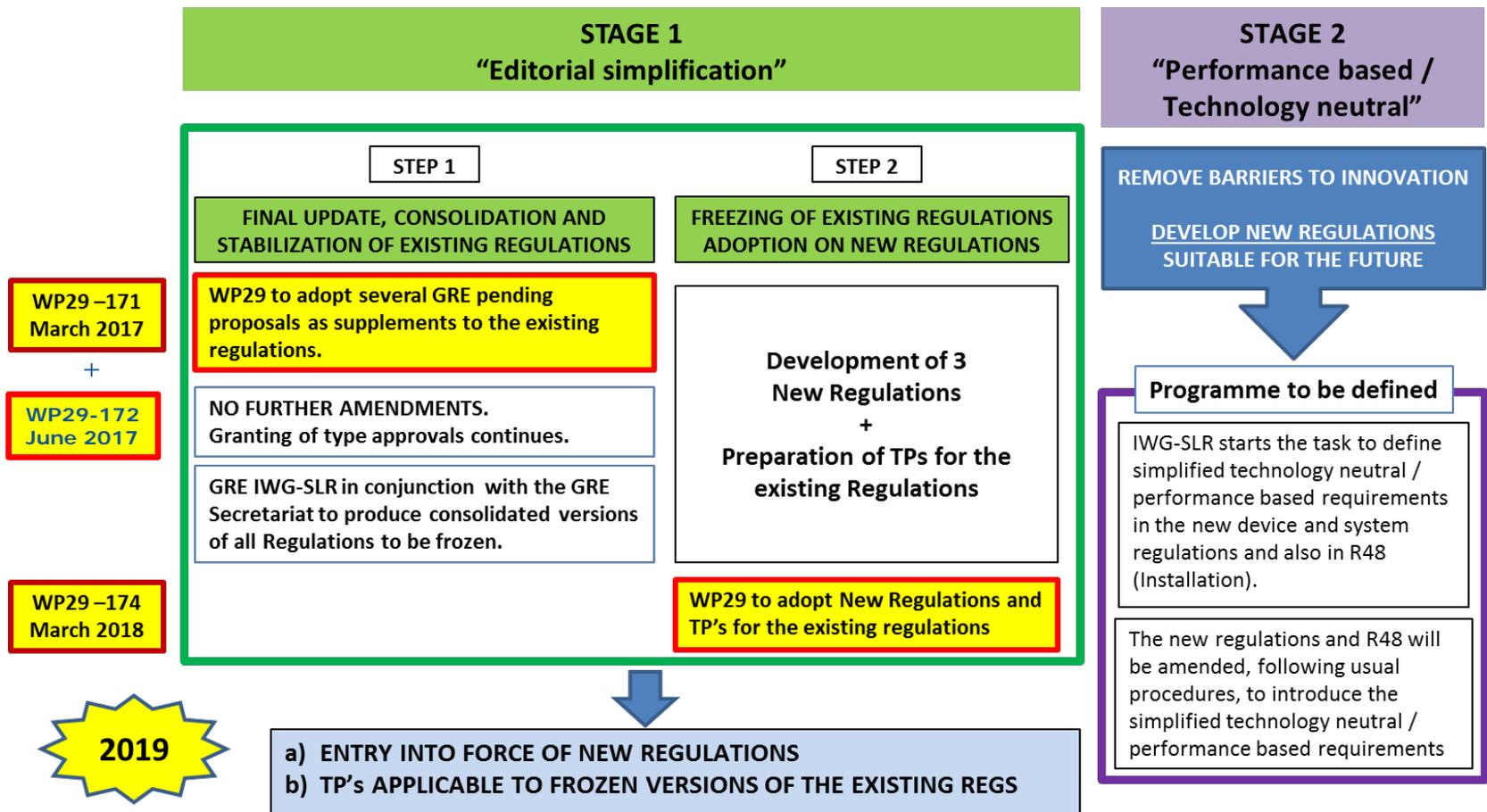
SLR-11-04/Rev.1

GRE Regulations after Stage 1 of simplification



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

Simplification delivered in 2 stages





Wider Global Harmonisation

In addition to simplifying the UN Regulations and removing unnecessary barriers to innovation there are wider benefits to be exploited

Encouraging more countries to join the 1958 agreement

Overcoming the objections to the current UN Regulations that are deemed to be unsuitable as a basis for a Self-Certification system and its enforcement

Alignment/harmonisation of national technical requirements/tests and mandatory standards with the UN regulations (e.g. China, Republic of Korea, India, Brazil)

Development of technical requirements/tests that may lead to development of new GTRs for lighting and light signalling



Thank you!

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