

Simplification of the UN Lighting and Light-signalling Regulations

**Progress report
to GRE-90**

- Workload and meeting pace -

- | | | | |
|---------|---------------------------------------|----------|---|
| I. | 11 September 2014 in Brussels (BE) | XXXVI. | 8-10 January 2020 in Brussels (BE) |
| II. | 23 October 2014 in Geneva (CH) | XXXVII. | 2-4 March 2020 in Brussels (BE) |
| III. | 14 January 2015 in Brussels (BE) | XXXVIII. | 27-29 May 2020 – WebEx |
| IV. | 13 April 2015 in Geneva (CH) | XXXIX. | 7-10 July 2020 – WebEx |
| V. | 13 October 2015 in Brussels (BE) | XL. | 26-28 August 2020 – WebEx |
| VI. | 5-6 November 2015 in Brussels (BE) | XLI. | 21-23 September 2020 – WebEx |
| VII. | 15-16 December 2015 in Brussels (BE) | XLII. | 3-5 November 2020 – WebEx * |
| VIII. | 13-14 January 2016 in Brussels (BE) | XLIII. | 9-11 December 2020 – WebEx * |
| IX. | 29 Feb & 1 Mar 2016 in Brussels (BE) | XLIV. | 12-14 January 2021 – WebEx * |
| X. | 14-15 April 2016 in Brussels (BE) | XLV. | 17-19 February 2021 – WebEx |
| XI. | 9-10 June 2016 in Brussels (BE) | XLVI. | 24-26 March 2021 – WebEx |
| XII. | 5-7 September 2016 in Brussels (BE) | XLVII. | 10-12 May 2021 – WebEx |
| XIII. | 5-7 October 2016 in Brussels (BE) | XLVIII. | 16-18 June 2021 – WebEx * |
| XIV. | 5-7 December 2016 in Brussels (BE) | XLIX. | 20-22 July 2021 – WebEx * |
| XV. | 21-23 February 2017 in Brussels (BE) | L. | 9-10 September 2021 – WebEx * |
| XVI. | 22-24 March 2017 in Brussels (BE) | LI. | 6-8 October 2021 – WebEx |
| XVII. | 16-18 May 2017 in Tokyo (JP) | LII. | 15-17 December 2021 – WebEx |
| XVIII. | 13-15 June 2017 in Brussels (BE) | LIII. | 19-21 January 2022 – WebEx |
| XIX. | 12-14 July 2017 in Brussels (BE) | LIV. | 23-25 March 2022 – WebEx |
| XX. | 4-6 October 2017 in Brussels (BE) | LV. | 18-20 May 2022 – Brussels (BE) * |
| XXI. | 18-21 December 2017 in Brussels (BE) | LVI. | 27-29 June 2022 – Brussels (BE) * |
| XXII. | 29 Jan / 1 Feb 2018 in Shenzhen (CN) | LVII. | 15-16 September 2022 – Karlsruhe (DE) * |
| XXIII. | 4-6 April 2018 in Brussels (BE) | LVIII. | 12-14 October 2022 – Brussels (BE) |
| XXIV. | 30 May / 1 June 2018 in Brussels (BE) | LIX. | 14-16 December 2022 – Brussels (BE) |
| XXV. | 3-5 July 2018 in Brussels (BE) | LX. | 18-20 January 2023 – Brussels (BE) |
| XXVI. | 24-26 September 2018 in Brussels (BE) | LXI. | 22-24 March 2023 – Brussels (BE) |
| XXVII. | 10-12 December 2018 in Brussels (BE) | LXII. | 26-28 June 2023 – Brussels (BE) |
| XXVIII. | 25-27 February 2019 in Brussels (BE) | LXIII. | 30 Aug / 1 Sep 2023 – Brussels (BE) |
| XXIX. | 27-29 March 2019 in Brussels (BE) | LXIV. | 8-10 November 2023 – Brussels (BE) |
| XXX. | 22-24 May 2019 in Brussels (BE) | LXV. | 13-15 December 2023 – Brussels (BE) |
| XXXI. | 3-5 July 2019 in Brussels (BE) | LXVI. | 7-9 February 2024 – Brussels (BE) |
| XXXII. | 3-5 September 2019 in Tokyo (JP) | LXVII. | 3-5 April 2024 – Brussels (BE) |
| XXXIII. | 9-11 October 2019 in Brussels (BE) | | |
| XXXIV. | 4-6 November 2019 in Brussels (BE) | | |
| XXXV. | 11-13 December 2019 in Brussels (BE) | | |



Next meetings
SLR-68 on 23-26 Jul. 2024, Brussels (BE)
SLR-69 on 10-12 Sep. 2024, Tokyo (JP)
SLR-70 on 11-13 Dec. 2024, Brussels (BE)

* = In conjunction with special SLR sessions on “headlamp levelling”
<https://wiki.unece.org/x/CYPBBq>

SLR submission to GRE-90



Economic and Social Council

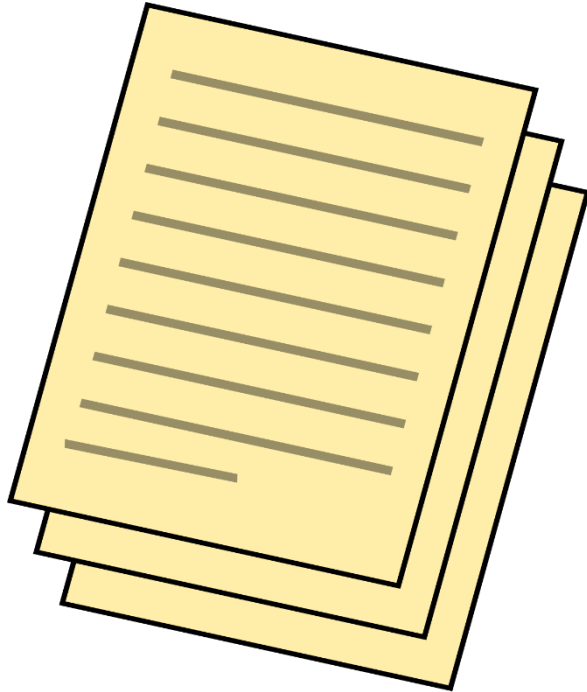
Formal submissions

No document this time... work is in progress on Stage 2 / Step 2 and you are all invited to join!

Informal submissions

- **SLR Status Report to GRE-90 (GRE-90-08)**
- **Extension of SLR mandate (GRE-90-07)**

SLR intended approach to present the amendments to GRE



“Clean” formal documents
with justification



Commented informal documents to
illustrate the main changes

Same successful approach
used for the device
Regulations



Extension of SLR mandate

Proposal to update the GRE-IWG SLR Terms of Reference - Section V “*Work plan and time schedule*” -

SLR proposal to **extend of 2 years** the mandate of the IWG in view of the additional time that was needed to complete the Stage 2 / Step 1 and the extra tasks assigned to SLR by GRE (i.e. headlamp levelling, device transition, UI “Summary Document” and scrutiny of all the lighting Regulations), which have unexpectedly increased the magnitude of the work.



See GRE-90-07

Stage 2 / Step 2 - Main area of work

- **Harmonisation of definitions** between Reg. 48 and Regs. 53, 74 and 86
 - *Work in progress with Reg. 53 (and 74)*
- **Harmonisation of requirements** among installation Regulations
 - *Work in progress to align Reg. 48 with Regs. 53 and 74 on “Prohibited if not allowed”*
- **Technological neutrality**
 - *LED module replaceability, Luminous flux, Red content, UV content*
 - *Possible additional requirements for non replaceable solutions*
 - *Replaceability of light source modules tackled in device regulations (R148 and R149) as part of the future 02 series of amendments*

Stage 2 / Step 2 - Main area of work (*cont'd*)

- **Apparent surface**
 - *Different approaches being considered:*
 - *one more focussed on improving and clarifying the existing text/examples*
 - *one considering new method(s)*
 - *Combination of both*
 - *Work in progress to simplify and improve definitions in Reg. 48*
- **Improved visibility of the rear Direction Indicators**
 - *minimum distance / luminance ratio between DI and stop lamp*
 - *measurements with simultaneous activation of the functions*
- **Baseline document for Reg. 48 series 10**
 - *Thorough editorial review and improvement of latest consolidated text*
 - *Basis document for all SLR proposals to amend Reg. 48 in Stage 2 / Step 2*

Input from CPs and NGOs is always welcome

Please feel free
to join!

