

GRE Task Force on “Glare Prevention” (GRE-TF GP) Terms of Reference

I. Introduction

1. Various CPs over the years have raised concerns on glare.
2. IWG-VGL investigated the subject over the years. The activity, then moved under IWG-SLR which concluded its work with the approval of mandatory Auto levelling
3. At its ninetieth Session, GRE agreed to consider establishing a TF in order to Address the results of the 2024 European consumer study on glare in road traffic (GRE-90-20 and GRE-90-40) highlighted by FIA. GRE-90 Report (Par. 42)
4. According to surveys conducted by 10 Europeans mobility clubs presented by FIA, the majority of drivers felt dazzled in road traffic, and three out of four of the respondents believed that glare prevention should be better regulated.
5. GRE-91 outcome and decision GRE-91 Report (Par. 28-29)

II. Objective

The TF shall:

1. Have an initial assessment followed by an in-depth evaluation of the available surveys and material about glare and summarise them.
2. Collect researches being carried out on glare and invite all the participants of the TF to review the outcome and recommendations of these researches for mapping them out.
3. Identify areas where there may be a knowledge gap and suggest additional researches and studies.
4. Understand glare characteristics and mechanisms and situations that generate it and distinguish between avoidable and unavoidable occurrences as well as short term and long-term solutions.
5. In a first step consider glare caused by road illuminating devices (headlamps, including ADB and AFS) and, in a second step, glare caused by light signalling devices (including DRL).
6. Investigate the best balance between glare, visibility and conspicuity, to reduce glare but keeping a good visibility range
7. Develop recommendations for GRE, e.g. to amend UN legislation at component, installation and inspection level (R.149, R.148, R.48, R.86, R.53, and R.74) which includes the development of harmonized test methods for assessing the conformity of visibility and glare properties.

III. Rules of Procedure

1. The TF is open to all participants of GRE, including contracting parties to the 1958 and 1998 Agreements and non-governmental organizations. Additional experts may participate by invitation of the TF co-Chairs.
2. The working language of the TF will be English.
3. Two co-Chairs, one from Germany and one from Netherlands, will manage the TF together with the Secretariat, provided by GTB.
4. The Secretariat of the TF shall submit the agenda and related documents in a suitable electronic format in advance of all scheduled meetings. All documents shall be posted on the Website (<https://wiki.unece.org/x/vgLzDw>). The TF may postpone on any item or proposal, which has not been circulated five working days in advance of the scheduled meeting.
5. A provisional agenda shall be drafted by the secretariat and circulated at least five working days in advance of the meeting.
6. The Secretariat of the TF will distribute the meeting minutes to the TF members within 15 working days after the meeting.
7. Decisions shall be reached by consensus. When consensus cannot be reached, the chair of the TF shall present the different points of view to GRE. The TF may seek guidance from GRE as appropriate.
8. Sessions shall be convened, in agreement with the majority of the participants, after the TF has been established. Sessions may be in person and/or virtual using web-based technology and shall be scheduled to meet the timeline for deliverables.
9. The TF will regularly provide status reports to GRE

IV. Time schedule

April 2025	GRE-92: Approval of ToR
October 2025	GRE-93: Status update
April 2026	GRE-94: Draft recommendations on first step (RID)
October 2026	GRE-95: Recommendations on first step (RID)