**51st EPPR Informal Working Group Meeting**

**Draft Report**

* **Time schedule**: 26 April 2022 (12.00 – 14.00) CEST
* **Venue:** web/telco only
* **Documents:** [EPPR 49th session - Transport - Vehicle Regulations - UNECE Wiki](https://wiki.unece.org/display/trans/EPPR+49th+session)

[EPPR 50th session - Transport - Vehicle Regulations - UNECE Wiki](https://wiki.unece.org/display/trans/EPPR+50th+session)

[EPPR 51st session - Transport - Vehicle Regulations - UNECE Wiki](https://wiki.unece.org/display/trans/EPPR+51st+session)

* **In remote**:  [Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3ameeting_YmJkMWUyMTctNDJmZi00YTQ3LThkMWUtYzZkMDEzYTYyNzE4%40thread.v2/0?context=%7b%22Tid%22%3a%22fb1669db-7889-40f2-90b7-fb447fd3f4c9%22%2c%22Oid%22%3a%227c52f878-fe8e-4d79-9767-6dc086ba31e4%22%7d)
* **Co-Chairs** Mr den Ouden/NL and Mr Mashele/ZA

# Opening

Context

Due to the on-going COVID-19 pandemic development and measures put in place by UN Headquarters for the most recent sessions, the above mentioned EPPR session run via web-conferencing only.

# Draft agenda and past minutes

Documentation

* [EPPR-51-01](https://wiki.unece.org/download/attachments/164397160/EPPR-51-01_Apr%202022%20EPPR-51%20agenda%20220426.docx?api=v2)\_April 2022 EPPR-51 agenda 220426
* [EPPR-50-02](https://wiki.unece.org/download/attachments/136446079/EPPR-50-02_Mar%202022%20EPPR-50_report%202022-03-17.docx?api=v2)\_March 2022 EPPR-50 report

Discussion

* Adopted

# Chairmanship and Terms of Reference

Documentation

* [EPPR-49-01 (EPPR Sec.) EPPR IWG ToR update Jan 2022.docx](https://wiki.unece.org/download/attachments/136446077/EPPR-49-01%20%28EPPR%20Sec.%29%20EPPR%20IWG%20ToR%20update%20Jan%202022.docx?api=v2)
* [EPPR-51-03 (Japan) EPPR IWG ToR update 2022-03-15+JPN.docx](https://wiki.unece.org/download/attachments/164397160/EPPR-51-03%20%28Japan%29%20EPPR%20IWG%20ToR%20update%202022-03-15%2BJPN.docx?api=v2)

Context

IWG ToR needs to be updated for June 2022 GRPE to reflect the latest developments and the future planning

Action

* IWG to send written comments to [EPPR-51-03 (status 220426](https://wiki.unece.org/download/attachments/164397160/EPPR-51-03%20%28EPPR%20Sec.%29%20EPPR%20IWG%20ToR%20update%20220426_draft.docx?api=v2)) ahead of 25 May, in view of in view of concluding it at EPPR-52 for presentation to June GRPE.
* Contracting Parties to submit candidatures for next term of the EPPR Chairmanship.

# GTR2 Amd 5

## 4.1. Working Document

Documentation

* [GRPE/2022/6](https://unece.org/sites/default/files/2021-10/ECE-TRANS-WP.29-GRPE-2022-06e.pdf) GTR2 Amd5 working doc for Jan GRPE-85 – adopted at Jan. GRPE-85
* [GRPE-85-38](https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Funece.org%2Fsites%2Fdefault%2Ffiles%2F2022-01%2FGRPE-85-38e.docx&wdOrigin=BROWSELINK) amd. to GRPE/2022/6 consolidated – adopted at Jan. GRPE-85; Part II frozen.
* Amendments were mainly editorial
* It includes Part I (Rationale)
* [EPPR-49-03](https://wiki.unece.org/download/attachments/136446077/EPPR-49-03%20%28EPPR%29%20GTR2%20Amd5%20%3D%20GRPE-85-38.docx?api=v2) (EPPR) GTR2 Amd5 = GRPE-85-38.docx
* Superseded by EPPR-49-04
* [EPPR-49-04](https://wiki.unece.org/download/attachments/136446077/EPPR-49-04_GTR2%20Amd5%20formal_220310.docx?api=v2), GTR2 Amd 5, draft working document for June WP.29; see last version [on the web](https://www2.unece.org/wiki/display/trans/EPPR+49th+session)
* Submitted to June WP.29 -> [WP.29/2022/108](https://unece.org/sites/default/files/2022-04/ECE-TRANS-WP.29-2022-108e.pdf)

Discussion

* The Secretary informed about its submission to June 2022 WP29.

## 4.2. Technical Report

Documentation

* [EPPR-49-05](https://wiki.unece.org/download/attachments/136446077/EPPR-49-05_GTR2%20Amd5%20Technical%20Report_220310.docx?api=v2)\_GTR2 Amd5 Technical Report; see last version [on the web](https://www2.unece.org/wiki/display/trans/EPPR+49th+session)
  + Submitted to June WP.29 -> [WP.29/2022/109](https://unece.org/sites/default/files/2022-04/ECE-TRANS-WP.29-2022-109e.pdf)

Discussion

* The Secretary informed about its submission to June 2022 WP29.

# Durability GTR

## 5.1. Working Document

Documentation

* [GRPE/2022/7](https://unece.org/sites/default/files/2021-10/ECE-TRANS-WP.29-GRPE-2022-07e.pdf) DUR GTR working doc for Jan GRPE-85 – adopted at Jan GRPE-85
* [GRPE-85-39](https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Funece.org%2Fsites%2Fdefault%2Ffiles%2F2022-01%2FGRPE-85-39e.docx&wdOrigin=BROWSELINK) amd. to GRPE/2022/7 consolidated – adopted at Jan GRPE-85; Part II frozen.
* Amendments were mainly editorial
* Part I (Rationale) uncomplete; only Part I could be changed before submission.
* [DUR-19-03](https://wiki.unece.org/download/attachments/136446077/DUR-19-03%20%28EPPR%29%20DUR%20GTR%20%3D%20GRPE-85-39%20%2B%20Rationale%20211216.docx?api=v2) (EPPR) = GRPE-85-39 + Rationale
* Superseded by EPPR-19-04
* [DUR-19-04](https://wiki.unece.org/download/attachments/136446077/DUR-19-04_DUR%20formal_220311.docx?api=v2), DUR GTR, draft working document for June WP29; see last version [on the web](https://www2.unece.org/wiki/display/trans/EPPR+49th+session)
* Superseding EPPR-19-03
* Submitted to June WP.29 -> [WP.29/2022/106](https://unece.org/sites/default/files/2022-04/ECE-TRANS-WP.29-2022-106e.pdf)

Discussion

* The Secretary informed about its submission to June 2022 WP29.

## 5.2. Technical Report

Document

[DUR-19-05](https://wiki.unece.org/download/attachments/136446077/DUR-19-05_DUR%20Technical%20Report_220311.docx?api=v2)\_DUR Technical Report; see last version [on the web](https://www2.unece.org/wiki/display/trans/EPPR+49th+session)

* + Submitted to June WP.29 -> [WP.29/2022/107](https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Funece.org%2Fsites%2Fdefault%2Ffiles%2F2022-04%2FECE-TRANS-WP.29-2022-107e%2520.docx&wdOrigin=BROWSELINK)

Discussion

* The Secretary informed about its submission to June 2022 WP29.

# Transposition of GTR2

Context

* IWG will re-start discussing transposition of GTR2, after finalization of DUR GTR and GTR2 Amd5.

Discussion

* The Chair recalled that this issue has to be evaluated by the IWG as one of the future activities.

# Report on stakeholders´ activities

## 7.1. Max. power determination

Documentation

* EPPR-22-15 (S.Korea) Proposal for GTR on Max. Power Determination and roadmap
* [EPPR-31-10 (S.Korea) Opinion on testing method of Max. Power.pdf](https://wiki.unece.org/download/attachments/85295126/EPPR-31-10%20%28S.Korea%29%20Opinion%20on%20testing%20method%20of%20Max.%20Power.pdf?api=v2)
* [EPPR-34-03 (S.Korea) Power loss](https://wiki.unece.org/download/attachments/94047599/EPPR-34-03%20%28S.Korea%29%20Power%20loss.pptx?api=v2)
* EPPR-36-03 (S.Korea) Roadmap of Max. Power\_update
* [EPPR-39-06 (S.Korea) Latest activities and future plan regarding Max. Power in S.Korea.pdf](https://wiki.unece.org/download/attachments/109349320/EPPR-39-06%20%28S.Korea%29%20Latest%20activities%20and%20future%20plan%20regarding%20Max.%20Power%20in%20S.Korea.pdf?api=v2)

Context

* S.Korea´s request for a GTR on max. power determination.
* S.Korea was planning to repair their test device by December 2020.

Discussion

* No new information has been provided by South Korea recently.
* See also item 8.

Action

* Secretary to contact S.Korea to seek any update on their activities and work planning.

# EPPR Future Activities – priority

Documentation

* [GRPE-81-23-Rev.1](https://www.unece.org/fileadmin/DAM/trans/doc/2020/wp29grpe/GRPE-81-23r1e.pdf): EPPR IWG ToR, listing aspects of EVs in §3.
* [EPPR-51-02 GRPE-86-xx Jun 2022 EPPR IWG status report.pptx](https://wiki.unece.org/download/attachments/164397160/EPPR-51-02%20GRPE-86-xx%20Jun%202022%20EPPR%20IWG%20status%20report.pptx?api=v2) (220421)
* [EPPR-51-02 GRPE-86-xx Jun 2022 EPPR IWG status report 220425.pptx](https://wiki.unece.org/download/attachments/164397160/EPPR-51-02%20GRPE-86-xx%20Jun%202022%20EPPR%20IWG%20status%20report%20220425.pptx?api=v2)
* [EPPR-51-02 (EPPR Sec.) GRPE-86-xx Jun 2022 EPPR IWG status report 220426.pptx](https://wiki.unece.org/download/attachments/164397160/EPPR-51-02%20GRPE-86-xx%20Jun%202022%20EPPR%20IWG%20status%20report%20220426.pptx?api=v2)

Context

* IWG agreed to start evaluating following **future activities** to be performed after June 2022:
  + Transposition of GTR2 into UN R, as outlined in previous EPPR reports to GRPE.
  + Power and Torque determination, as outlined in previous EPPR reports to GRPE.
  + Deterioration Factors in Durability GTR, as proposed by US and China.
  + Electric and Hybrid Vehicles, as proposed by US and in ToR. Possibly, a specific item should be identified.
* Activities should be identified by end of May, for reporting to May-June GRPE.

Discussion

* Japan confirmed their request to the IWG to develop a Regulation on max. power determination for ICE and EVs, including hybrids, without setting any preference on the priority to be allocated to such activity.
* Japan committed to make a presentation on this issue at the EPPR-52 in May.
* Upon Chair´s request, China informed of not having any plan yet on when new study/data on Deterioration Factors in Durability GTR could be available.
* US was not available to provide similar feedback.

Action

* Secretary to contact the US on when any new study/data on Deterioration Factors in Durability GTR could be available, so that IWG could make a work plan accordingly (Expected for next months? Or for next years?)
* IWG to review the presentation [EPPR-51-02 status 220426](https://wiki.unece.org/download/attachments/164397160/EPPR-51-02%20GRPE-86-xx%20Jun%202022%20EPPR%20IWG%20status%20report%20220426.pptx?api=v2) ahead of 25 May, in view of concluding it at EPPR-52 for presentation to June GRPE.
* Notably on slide no 7 of EPPR-51-02, IWG to answer following questions:
  + Do we need other items? What priority? Which timeline?

# AOB

# Next meetings and key dates

* 25 May EPPR-52, 12.00-15.00 CEST, only in remote

(focus on IWG ToR and EPPR future activities)

* 30 May-3 June GRPE-86, in hybrid form
* 28 Sept. EPPR-53, 12.00-15.00 CEST
* 2 Nov. EPPR-54, 12.00-15.00 CET
* 15 Dec. EPPR-55, 12.00-15.00 CET

# Participants

Niels den Ouden EPPR Co-Chair

Joseph Mashele EPPR Co-Chair

Abhay Kumar IMMA

Alex Desplenter IMMA

Arvind Kumbhar IMMA

Bacon, Scott US CARB excused

Cheryl Caffrey USA EPA excused

Jeanne Biber IMMA excused

Matt Borden IMMA

Dane Hoechst IMMA excused

Ian Ashdown IMMA

Ichiko Mandt IMMA

Hisakazu Suzuki Japan MLIT

Atsushi Kawasaki Japan MOE excused

Jian-Chao Wang China

Karan Rajput IMMA

Kawamoto Hitoshi Japan JASIC

Kevin Brown MECA

Kusumoto Shinichi IMMA

Mahito Moriyama Japan MOE

Takahiro Noda Japan NTSEL

Wataru Okuyama Japan MLIT

Mitome Takashi IMMA

Pablo Mendoza Villafuente AECC

Joachim Demuynck AECC

Jürgen Plaschka IMMA

Pawan Kumar India

Prashant Pawar India ARAI

Riccardo Basso IMMA

Shunji Akamatsu IMMA

Matthias Tappe CLEPA

Wang Qing China

Wanli Yuan China

Akiyoshi Wachi IMMA

Yu Jia China

Yuki Toba Japan JASIC

Daniela LEVERATTO EPPR IWG Secretary

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_