**58th EPPR Informal Working Group Meeting**

**Agenda**

* **Date:** 12 April 2023
* **Time schedule**: 10.00 – 12.00 CET
* **Meeting venue** Room H-313, in the H building (the new building

Palais des Nations, Geneva

* **Link to join meeting** Microsoft Teams meeting

[Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3ameeting_MmQ0ZTM2OWYtMGJmYy00OTBmLTk2ZDQtNzc0YWY2ZDk1ZTMz%40thread.v2/0?context=%7b%22Tid%22%3a%220f9e35db-544f-4f60-bdcc-5ea416e6dc70%22%2c%22Oid%22%3a%229928dff3-8fa4-42b5-9d6e-cd4dcb89281b%22%7d)

* **Documents:** [EPPR 56th Session - Transport - Vehicle Regulations - UNECE Wiki](https://wiki.unece.org/display/trans/EPPR+56th+Session)
* **Co-Chairs** Mr Niels den Ouden/NL and Mr Joseph Mashele/ZA
* **Secretary:** Mr Edwin Bastiaensen/IMMA, Mr Ricardo Basso/IMMA

**Request for delegates to confirm their presence in person or by conference call to the IWG Secretary by 12.00 Noon on 10 April 2023, in view of arranging access to the UNECE Palais**.

# Opening

# Draft agenda and minutes

Documentation

EPPR-57-02-Rev1 Report 57th session

EPPR-58-01 Agenda 58th Session 12 April

Context of GRPE meeting in Geneva

GRPE has narrowed their agenda for the 88th meeting 12-13 April. Only the LCA remains part of the GRPE meeting. This meeting does not offer hybrid participation possibilities.

[ECE/TRANS/WP.29/GRPE/2023/1 (unece.org)](https://eur02.safelinks.protection.outlook.com/?url=https%3A%2F%2Funece.org%2Fsites%2Fdefault%2Ffiles%2F2023-03%2FECE-TRANS-WP29-GRPE-2023-14r1e.pdf&data=05%7C01%7Cfrancois.cuenot%40un.org%7Cea0bbb53c9874813e6f108db342255c9%7C0f9e35db544f4f60bdcc5ea416e6dc70%7C0%7C0%7C638161094296116569%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=XXG47keKh5ADdL81skuN2naVxkxE9%2BQZxF0pAKtm7yI%3D&reserved=0)

UNECE secretariat kindly offered an alternative meeting room (specified above to allow hybrid participation at the IWG EPPR.

Notifications from CP’s on participation to the 58th meeting on 12 April:

Japan do not have intention to submit document nor presentation for the session.

China cannot attend this face-to-face IWG EPPR meeting in Geneva. So far, no new proposals.

CARB staff will not be able to travel to Geneva for an in-person meeting in April.

The EPA will not be sending a representative to attend the IWG EPPR meeting in Geneva in April.

UK is joining in person.

South Korea: Delegate from KOTSA will participate though the expert of KATRI cannot attend the session this time. So, Korea will share status and position next time.

As a conclusion the leadership changed the meeting into a hybrid meeting, enabling remote dial-in.

# Information exchange on Possible Future activities

## Maximum 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)

[EPPR-52-06 (Japan) power determination method](https://wiki.unece.org/download/attachments/164397163/EPPR-52-06%20%28Japan%29%20power%20determination%20method.pdf?api=v2)

[EPPR-52-07](https://wiki.unece.org/pages/viewpageattachments.action?pageId=164397163) (EPPR Sec) power determination: short title

[EPPR-53-02 (Japan) power determination](https://wiki.unece.org/download/attachments/166724554/EPPR-53-02%20power%20determination%20method%20%28Japan%29.pptx?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.

Proposed by Japan at March EPPR-50 as UNR/GTR and raised in proposal EPPR-52-06

Japan announced in EPPR-53-02 to develop a proposal for Regulation for two-wheelers.

Action

Contracting Parties were invited to share their considerations on planning, scope, preference for legal instrument (UNR/GTR). No discussion or updates anticipated at the 58th session.

If any updates, please contact the secretary.

* + Japan do not have intention to submit document nor presentation for the session.

## Battery Electric Vehicles – range determination standardisation

Documentation

[EPPR-53-04](https://wiki.unece.org/download/attachments/166724554/EPPR-53-04%20%28CARB%29%20Zero%20Emissions%20Motorcycle%20Range%20Procedure%20-%20CARBfinal.pdf?api=v2) (CARB) Zero Emissions Motorcycle Range Procedure

[EPPR-56-03](https://wiki.unece.org/download/attachments/188285167/EPPR-56-03%20%28CARB%29%20ZEM%20Range%20Testing.pdf?api=v2) (CARB) Zero Emissions Range Testing

Context

CARB has been planning to test some EV motorcycles with the procedure SAE J2982 before coming to the group with recommendations for modifications.

EPPR IWG could develop a standard procedure/protocol for determining range of zero emissions motorcycles (ZEM) with SAE J2982 as a starting point. CARB test data may assist in the process to develop a uniform international approach.

CARB aims to start in January 2023 with testing of approximately one month. A report may be available in March 2023 for sharing with IWG EPPR IWG EPPR invited for further information sharing from other CPs. CARB may provide an update at the 58th EPPR session.

For Discussion

Proposals and updates for discussion by Contracting Parties.

Expect presentation / update by CARB.

* + Update of the zero emissions motorcycle range testing program that CARB recently completed.
  + The project involved testing three battery-electric motorcycles on the WMTC, UDDS, 70 mph constant speed, and 55 mph constant speed drive cycles.
  + Each motorcycle was run from fully charged to fully discharged battery state, in accordance with the SAE J2982 test procedure.
  + Results from this testing may be useful for the group when developing a range testing protocol for zero emissions motorcycles.

## Deterioration Factors in the new GTR on Durability

Document

[EPPR-56-04 -](https://wiki.unece.org/download/attachments/188285167/EPPR-56-04%20%28USA%29%20US%20Motorcycle%20DF%20Analysis.pptx?api=v2) Deterioration Factor Statistical Analysis (US EPA)

Context

Invitations to China and USA have been made for sharing data as well as to share further experience by other contracting parties and stakeholders on durability factors in context of the Durability GTR.

The representative from China reported at the 55th and 56th session the work had not been completed. When new data would be available it would be submitted to EPPR for consideration.

The representative from US introduced EPPR-56-04 with the statistical analysis for deterioration factor.

For Discussion

Proposals and updates for discussion by Contracting Parties, preferably circulated in advance of the meeting.

# Setting date and agenda for next IWG session in (May and) June

For discussion

* To list the agenda items and anticipated presentations.

# AOB

# Next meetings and key dates

12 April 2023 EPPR-58 EPPR IWG during 88/GRPE in Geneva

29 May 2023 bank holiday

30 May – 2 June **89/GRPE Geneva**

* + Co-Chairs will ask for timeslot for IWG EPPR this week from UNECE secretariat, and await their proposal.

19-23 June 2023 190/WP.29 [update on IWG EPPR by GRPE chair]

13-17 November 2023 191/WP.29 [update on IWG EPPR by GRPE chair]

# Closing

# Participants

Niels den Ouden EPPR Co-Chair

Joseph Mashele EPPR Co-Chair

Edwin Bastiaensen EPPR IWG Secretary

Ricardo Basso EPPR IWG Vice Sec

Wang Qing China/TMTC

Jian-Chao Wang China/TMTC

JiaHui Qui China

Wanli Yuan China

Kevin Brown MECA

Scott Bacon US CARB

Kevin Richardson US CARB

Peter Bonsack CH

Cheryl Caffrey USA/EPA

Joao Neto IDIADA

Yuki Toba Japan/JASIC

Hitoshi Kawamoto Japan/JASIC

Noda-san Japan/NTSEL

Ayumi Shimura Japan/MLIT

Makoto Tanikura Japan/MLIT

Daisuke Sueoka Japan/NTSEL

Shinji Nara Japan/JASIC

Atsushi Kawasaki Japan/MoE

Hidenori Nonaka Japan/JASIC

Shantanu Tijare India/ARAI

Tarun Sharma India/ICAT

Prashant N. Pawar India/ARAI

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Jose Olveira CLEPA

Matthias Tappe CLEPA

Hans Nuglisch CLEPA

Adish Aggarwal IMMA

Richard Hastings IMMA

MS Anandkumar IMMA

Pawan Kumar IMMA

Abhay Kumar IMMA

Alex Desplenter IMMA

Ichiko Mandt IMMA

Scott Bollinger IMMA

Jeanne Biber IMMA

Hideaki Yusukawa IMMA

Kusumoto Shinichi IMMA

Shunji Akamatsu IMMA

Akiyoshi Wachi IMMA

Mitome Takashi IMMA

Feroz Ali khan IMMA

Jürgen Plaschka IMMA

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Karan Rajput IMMA

Rakesh Sharma IMMA

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