## **Equitable Occupant Protection - EqOP**

Meeting in conjunction with the 73rd session of GRSP May 15, 2023



## Agenda

- Welcome
- Adoption of the agenda
- EqOP workplan
  - Table
  - Workshops
  - Task Force "Virtual Crash Testing"
- Confirmation of consensus on action items
- AOB



## IWG EqOP Workplan – Reporting format

- Meeting minutes
- Presentations
- Task force reports / presentations
- Discussion paper / master document
- Worktable
- UN wiki pages



## IWG EqOP Workplan

Identify and present a map of issues which should be addressed by regulatory upgrades directly vs gaps where more research is needed regarding equitable protection by December 2023

Task 2 -Regulatory Changes Recommendation on the usage of existing ATDs, in order to benefit the female population, by December 2023

Full report on attaining equity in crash safety regulations by May 2025

December 2027

Task 3 -Virtual Crash Testing

Status Report December 2023

Biannual Status Report

Assess Virtual Crash
Testing as method in
regulations to improve
equity in occupant
protection by
December 2027

Task 4 Regulatory
Shortcomings

Status Report December 2023

Biannual Status Report

Identify shortcomings of existing regulations that hinders the protection of a diverse population by *December 2027* 



## IWG EqOP Workplan – Worktable

#### **Worktable Drafting Team**

- Meeting in Yokohama: Should the worktable be a controlled document regarding versions? We discussed different alternatives. We concluded that we lose control quickly if we let anyone of us update the worktable without any management. We decided to start the work in a smaller group and the chair asked for volunteers. We should have at least one representative per region in addition to the secretariat.
- The Worktable Drafting Team has been established.
  - First meeting on May 2
  - Next meeting on May 24
  - Will consider all contributions
  - Deadline to complete the worktable
  - Updated worktable available on the UN Wiki (clean version with instructions)

### Worktable (extract)

Body Region - AIS	Body Region more	Overall equity crash data findings (incl. older cars)		Equity crash data findings in modern (2010+) cars			Frequency of the injury at which seating position in modern cars			How are current anthropomorphic test devices (ATD) used in UN regulations to evaluate this injury		
	specific		driver	f		driver	f		R94 Driver	R137	R137 Front	
			ariver	front passenger	rear seats	ariver	front passenger	rear seats	and pass	Driver	passenger	
General						8	y.					
Head	Brain											
	Skull											
	Overall											



# IWG EqOP Workplan – Ideas for joint workshops to accelerate the work

- Possible solutions to improve assessment of Whiplash Associated
   Disorders (WAD) in regulations (5. + 6. Sept − BASt volunteered to host
   the workshop) → send email to Torbjorn (invitation will be sent out to
   those indicating interest)
- Analyze research findings and initial regulatory review (23.Oct 13:00 25.Oct 13:00) → send email to Torbjorn to register (invitation will be sent out to whole IWG); prepare report for GRSP session in Dec.
- Virtual testing used in other regulations (Nov; planned in Munich → send email to Philipp Wernicke to join TF VCT; (invitation will be sent out to those indicating interest)
  WEDIS TRANSP
  GENCY

## IWG EqOP Workplan – 2023

Worktable Drafting Team with representatives from Australia, Germany, India, UK, USA, and Industry (OICA/CLEPA), further to the IWG secretariat.

74<sup>th</sup> session of GRSP
– December 2023

IWG Meeting in Yokohama on the 6th of April in conjunction with the ESV Conference

IWG Meeting in Geneva in conjunction with GRSP on 15<sup>th</sup> of May Next meeting Worktable Drafting Team on May 24 Further meetings in June and July Submit identified research studies for worktable, August 4 Worktable completed by Drafting Team, September 1

#### Workshops:

 neck injuries
 analyze research findings and initial regulatory review
 virtual testing used in other regulations Draft report by early November to allow review by the IWG before GRSP

Task 1: Present a map of any diversity issues which should be addressed by regulatory upgrades directly vs gaps where more research is needed, NB., regarding sex, weight, height, and age, by early December 2023, i.e., report to the 74th session of GRSP. Task 2: Present a recommendation on the usage of existing ATDs in the UN crash safety regulations, in order to benefit the female population specifically, by early December 2023, i.e., report to the 74th session of GRSP.



## **IWG EqOP Workplan – Meetings**

- GRSP
  - 2 per year
  - May and December
  - In-person meetings
- IWG in-person meetings
  - 2 per year
  - April/May and October/November
- Task related meetings
  - Monthly (or as needed)
  - Remote dial-in







