

**Submitted by the Chairs of the
Task Force on Automated Vehicle
Categorisation (TF-AVC)**

**Informal document WP.29-193-18
193rd WP.29, 25 to 28 June 2024
Provisional agenda item 2.3**

TASK FORCE ON AUTOMATED VEHICLE CATEGORISATION (TF-AVC)

WP.29 STATUS REPORT 1

TF-AVC progress

- Established by WP.29 in November 2023 in their 191st session.
- Meeting 1: Jan 2024 (online)
- Meeting 2: Feb 2024 (online)
- Meeting 3: March 2024 (hybrid)
 - GRSG status report 1 presentation
- Meeting 4: April 2024 (online)
- Meeting 5: May 2024 (online)
 - GRVA status report 1 presentation
- Meeting 6: June 2024 (hybrid)

All relevant documents can be found on the TF-AVC UNECE [Wikipage](#).

Previous meetings

- Meeting 1: scope and objectives discussed
 - Guidance document: AVC-01-02, [here](#)
- Meeting 2: proposals presented and discussion
- Meeting 3: proposals presented; progress made on categorisation concepts
- Meeting 4: proposals for R.E.3 amendments and discussion
- Meeting 5/6: progress made categorisation proposal...

R.E.3 concept for categorisation (1)

Category [X] vehicle

Category [X] vehicles are vehicles of categories M, N and [L] meeting all of the following conditions:

- (a) They are equipped with an ADS
- (b) They are not capable of being driven manually at speeds exceeding [6] km/h
- (c) They are designed to carry occupants

Category [Y] vehicle

Category [Y] vehicles are vehicles of categories N and [L] meeting all of the following conditions:

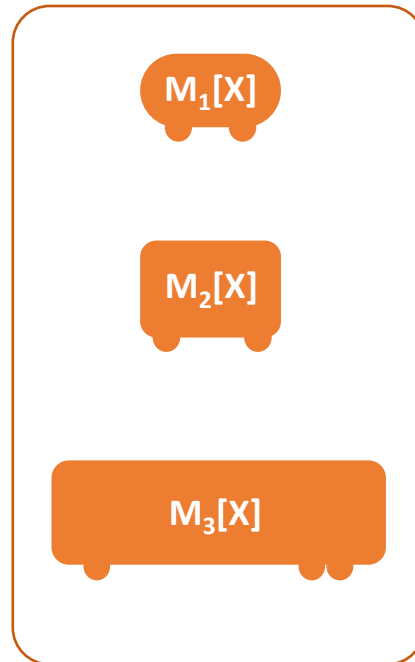
- (a) They are equipped with an ADS
- (b) They are not capable of being driven manually at speeds exceeding [6] km/h
- (c) They are **not** designed to carry occupants

Please note:

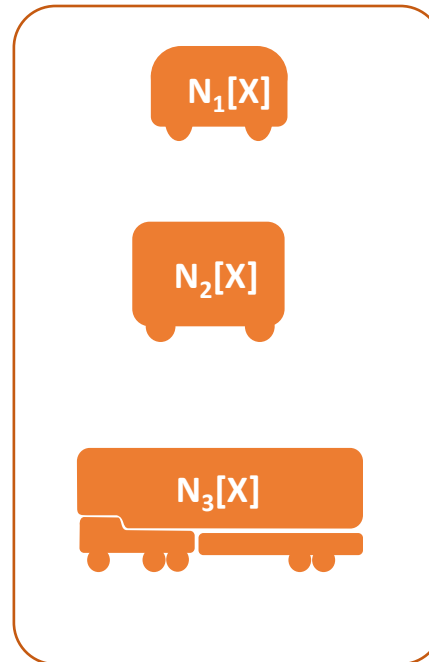
- Category [X] and [Y] can only be used in combination with the relevant main vehicle categories
- The category titles, applicability and definitions are still to be agreed

R.E.3 concept for categorisation (2)

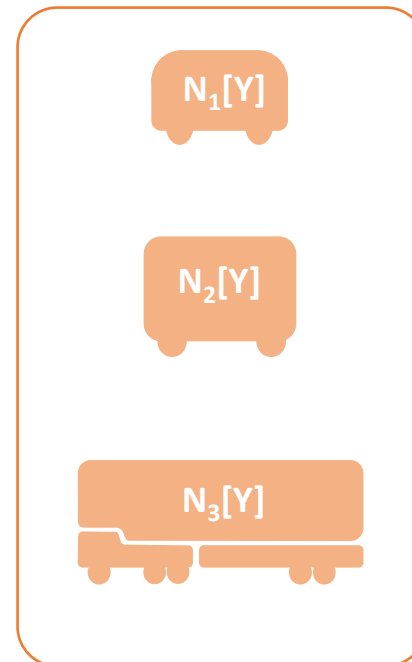
Designed primarily for
the carriage of
occupants



Designed primarily for
the carriage of
Goods (with occupants)



Designed primarily for
the carriage of
Goods (without occupants)



Concept for categorisation based on R.E.3 designations

S.R.1 concept for categorisation

Category [X] vehicles

Category [X] vehicles are vehicles of category 1 or 2 [or 3] which:

- i. are equipped with an ADS and
- ii. are not capable of being driven manually at speeds exceeding [6] km/h and
- iii. they are designed to carry occupants

Category [Y] vehicles

Category [Y] vehicles are vehicles of category 2 [or 3] which:

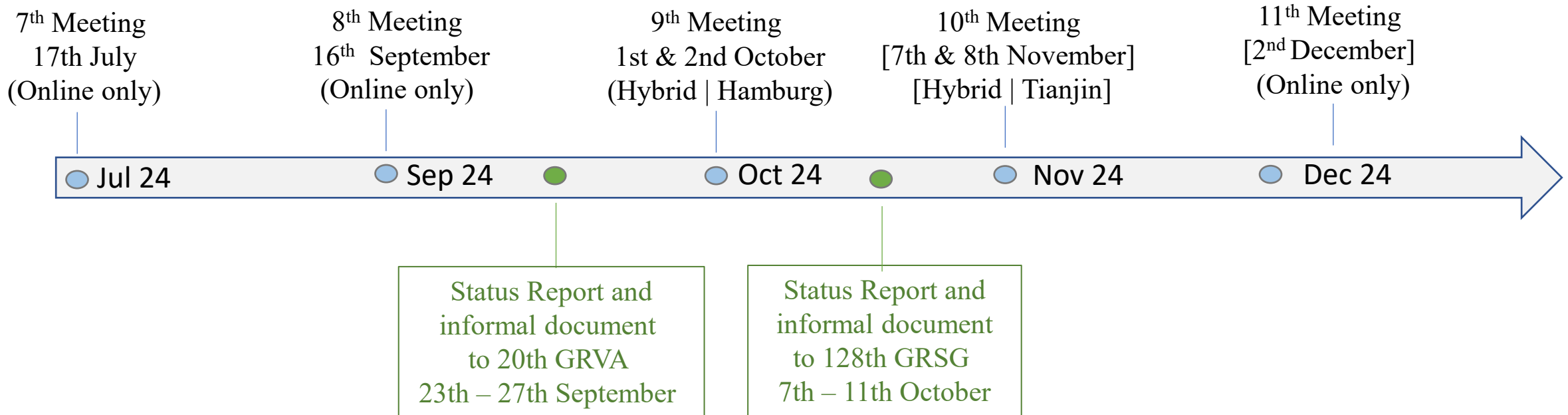
- i. are equipped with an ADS and
- ii. are not capable of being driven manually at speeds exceeding [6] km/h and
- iii. they are not designed to carry occupants

Please note: The category titles, applicability and definitions are still to be agreed and will match with the agreed proposal for R.E.3.

Discussion points for future meetings

- Agreement on titles, definitions and scope for Category [X] and [Y]
- Agreement on application of Category [X] and [Y] to S.R.1
- Amendments to R.E.3 and S.R.1
- Agreement on treatment of vehicles that are capable of being driven manually under nominal conditions
- Agreement on what other (if any) vehicle designs to be considered for categorisation

TF-AVC future look



Master timeline of WP.29 ADS Deliverables

GRVA IWG ADS
GRSG/GRVA TF AVC
GRBP SIG AVRS
GRE TF AVSR
GRE IWG EMC
GRPE TF AVRS
GRSG TF AVRS
GRSP TF AVRS
GRVA TF FADS

Thank you, any questions?