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**PROPOSAL FOR DRAFT AMENDMENTS TO REGULATIONS Nos. 40 and 47
(Clarification of the scopes)**

Submitted by the expert from the International Motorcycle Manufacturers Association (IMMA)

Note: The text reproduced below was prepared by the expert from IMMA in order to clarify the scope of Regulations Nos. 40 and 47. The modifications to the current text of the Regulations are marked in **bold** characters.

Note: This document is distributed to the Experts on Pollution and Energy only.

A.1. PROPOSAL

Regulation No. 40 (Emissions of gaseous pollutants by motorcycle engines)

Paragraph 1., amend to read:

"1. SCOPE

This Regulation applies to the emission of gaseous pollutants from positive-ignition engines of **vehicles of categories L₃, L₄ and L₅.**"

B.1. JUSTIFICATION

The current scope is:

"This Regulation applies to the emission of gaseous pollutants from positive-ignition engines of two-wheeled or three-wheeled motor cycles with an unladen weight of less than 400 kg having a maximum design speed exceeding 50 km/h and/or cylinder capacity exceeding 50 ccm."

The proposed horizontal Regulation defines the relevant categories, notably, without any mass limit, as follows:

"4.1.3. Category L₃:

A two-wheeled vehicle having an engine cylinder capacity, in the case of an internal combustion engine, exceeding 50 cm³ or, whatever the means of propulsion, a maximum design speed exceeding 50 km/h.

4.1.4. Category L₄:

A vehicle with three or more wheels asymmetrically arranged in relation to the longitudinal median plane with an engine cylinder capacity, in the case of an internal combustion engine, exceeding 50 cm³ or, whatever the means of propulsion, a maximum design speed exceeding 50 km/h.

4.1.5. Category L₅:

A vehicle with three wheels symmetrically arranged in relation to the longitudinal median plane with an engine cylinder capacity in the case of an internal combustion engine exceeding 50 cm³ or, whatever the means of propulsion, a maximum design speed exceeding 50 km/h."

A.2. PROPOSAL

Regulation No. 47 (Emissions of gaseous pollutants by mopeds)

Paragraph 1., amend to read:

"1. SCOPE

"1. This Regulation applies to the emission of gaseous pollutants from positive-ignition engines of **vehicles of categories L₁ and L₂.**"

B.1. JUSTIFICATION

The current scope is:

"This Regulation applies to the emission of gaseous pollutants from positive-ignition engines of two-wheeled or three-wheeled vehicles with an unladen weight of less than 400 kg, a maximum design speed not exceeding 50 km/h and a cylinder capacity not exceeding 50 cm³."

The proposed horizontal Regulation defines the relevant categories, notably, without any mass limit, as follows:

"4.1.1. Category L₁:

A two-wheeled vehicle having an engine cylinder capacity, in the case of an internal combustion engine, not exceeding 50 cm³ and, whatever the means of propulsion, a maximum design speed not exceeding 50 km/h.

4.1.2. Category L₂:

A three-wheeled vehicle of any wheel arrangement with an engine cylinder capacity, in the case of an internal combustion engine, not exceeding 50 cm³ (see para. 6.3.) and, whatever the means of propulsion, a maximum design speed not exceeding 50 km/h."
