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## **Economic Commission for Europe**

Inland Transport Committee

### **Global Forum for Road Traffic Safety**

**Group of Experts on drafting a new legal instrument  
on the use of automated vehicles in traffic**

#### **First session**

Geneva, 1 September 2021

Item 4 of the provisional agenda

#### **Programme of Work**

### **The need of a conceptual model of a safe use of automated vehicles in traffic to support drafting a new legal instrument**

#### **Submitted by the representative of Sweden**

1. The Group of Experts (GE.3) is established to prepare a draft new legal instrument on the use of automated vehicles in domestic and international traffic specifically aiming to ensure road safety and in particular the safety of vulnerable road users.
  2. An important part of such an ambition requires that GE.3 members are in consensus on what constitutes safe automated international traffic and what components are included in such a safety effort.
  3. Reaching consensus on what needs to be included in a new convention requires efficient and transparent work based on a mutually agreed conceptual model that mirrors the complexities and challenges associated with automated vehicles in international traffic. This conceptual model could then become a starting point for GE.3's upcoming work, aiding transparency and understanding of the issues and tasks that the GE.3 needs to focus on, solve and answer.
  4. Sweden proposes that GE.3 expresses their opinion and agree on a conceptual model for safe automated vehicles in international traffic. This conceptual model can aid a common understanding of the components included in a safety perspective and can later form the basis for the content of the forthcoming legal provisions in a new convention. If GE.3 so wishes, Sweden is willing to, in collaboration with other experts in GE.3, recommend GE.3 on a suitable safe conceptual model for GE.3 to discuss and maybe use in other forthcoming GE.3 work.
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