

Technical working activities: Roadmap Geneva



The Roadmap Geneva is a working document we keep continuously updated. It describes NGVA Europe's working activities in Geneva. These activities reflect NGVA Europe's interests in the definition of technical standards & regulations regarding NGVs. Geneva work is related to international technical standards & regulations and provides the technical basis for EU policy. It is carried mainly out in ISO (Int. Standardization Org.), GRPE (Working Party on Pollution and Energy) and CEN (The European Committee for Standardization) working groups.

NGVA Europe coordinates its activities with the International Association of NGVs (IANGV), which is also working on these issues on the world level (e.g. UN activities) and other major national interest parties (like ENI, NGV System Italia, etc.)

This work is coordinated by the Technical Manager (Jaime del Álamo) and is organized via three fields of activity:

- Gas Quality (Coordinator: Martin Seifert)
- Components Standardisation (Coordinator: Flavio Mariani)
- Vehicle Emissions (Coordinator: Stefan Behrning)

Roadmap Geneva: Working Priorities (1/2)



Work item	Priority	Explanation/Remarks	Action
Including NGVs in UN-related carbon trading or emission trading schemes	medium	Swiss climate “cent” initiative	Monitoring of UN-acivities
Changing the UN ECE total hydrocarbon standard to a methane cap	high	<ul style="list-style-type: none"> • EU-legislation • Amendment to UN-Regulation 115 • Work being carried in GRPE/GFV 	Lobbying to change THC value to a methane cap
Harmonizing ISO and UN regulations regarding on board system components and retrofit systems	high	<ul style="list-style-type: none"> • ISO standards in review inside ISO TC 22 CS25 considered • GRPE/GFV amendments considered 	Including ISO standards in ECE R110 and ECE R115
Development of a biomethane fuel quality standard at UN ECE	high	<ul style="list-style-type: none"> • Work being carried inside CEN/TC 234/WG9 regarding biomethane injection into the gas grid • Work being carried inside CEN/TC 019/WG 37 regarding the definition of a biomethane automotive fuel quality standard (liaison with CEN/TC 019 accepted) 	<ul style="list-style-type: none"> • Establishing a NGVA Europe biomethane regulation working group • Collaboration with CEN in the development of standards permitting biomethane injection into the grid, and the definition of a biomethane fuel quality standard
Creation of worldwide LNG vehicle fuel quality and fuelling station standards/ regulations	high	Relevant standards committee's: CEN/TC 326 ISO TC 22 SC25 ISO/PC 252/WG2	<ul style="list-style-type: none"> • Following LNG Standards • Including LNG-standards in ECE R110/115 • Adding of amendments to ECE R110/115 regarding LNG • Development of specifications for LNG refuelling stations under ISO/PC 252/WG2

Roadmap Geneva: Working Priorities (2/2)



Work item	Priority	Explanation/Remarks	Action
To ensure that the CNG fueling station signage consolidated resolution is included in the next series of treaty amendments on road signage	medium	In Europe the road sign for CNG refueling stations is accepted	Include the CNG refueling station signage in EU resolutions
Increasing the percentage of hydrogen allowed by UNECE for methane/ hydrogen blends	low		Investigation by a technical working group
Continuous representation of NGVA Europe in the informal working group on gaseous fuelled vehicles (GFV)	high		<ul style="list-style-type: none"> Evaluation of new UN-amendments inside GFV informal group
Continuous participation in the informal GRPE working group on Environmentally Friendly Vehicles (EFV)	medium		Following the discussions in regard of gaseous fuel vehicles
Continuous representation in the Dual Fuel Task Force Group of the GFV informal group	high	The DF Task Force objective is to develop the required technical documentation to allow the type approval of DF engines	<ul style="list-style-type: none"> Development of technical specifications to permit the type approval of DF engines through the modification of ECE R49
Development of a study on “Use of Gas in Transport in the UNECE Region”	medium		Collaboration with a large group of stakeholders to develop a joint study regarding the use of gas in the transport sector in the UNECE region.