

Technical working activities: Roadmap Geneva



Roadmap Geneva is giving an overview on NGVA Europe's technical working priorities in Geneva and marks the basis of our Technical Work. It describes work items NGVA Europe currently deals with and identifies mandatory actions with regard to changing or amending existing Standards and Regulations, or introducing completely new rules that are still missing. This Roadmap is a working document which will be kept continuously updated by NGVA Europe.

Geneva work is carried out in EU/UN Working Parties like ISO (International Standardization Organisation) or GRPE (Working Party on Pollution and Energy). 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.

This work is coordinated by Martin Seifert, representing NGVA Europe member SVGW (the Swiss Association of gas & water) and also IANGV. He is mainly supported by Flavio Mariani, representing NGVA Europe member ENI, from Italy.

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 	Lobbying to change THC value to a methane cap
Harmonizing ISO and UN regulations	high	<ul style="list-style-type: none"> • ISO 15500 Fuel system components • ISO 15501 CNG Fuel systems • ISO 11439 Cylinders All ISO-standards in review inside ISO TC 22 CS25	Including ISO in ECE R110 and ECE R115
Establishing of a biomethane fuel quality standard at UN ECE	high	Biomethane gas quality standard	<ul style="list-style-type: none"> • Establishing a NGVA Europe biomethane regulation working group • To formulate a strategy for biomethane standard in ECE R110
Creation of worldwide LNG vehicle, fuel quality and fuelling station standards/ regulation	high	Relevant standards committee's: CEN/TC 326 ISO TC 22 SC25	<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

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		Evaluation of new UN-amendments
Continuous participation in the informal GRPE working group on Environmentally Friendly Vehicles (EFV) ECE/TRANS/WP.29/GRPE	medium		Following the discussions in regard of gaseous fuel vehicles
Including dual fuel engine technology into UN ECE regulations	medium		<ul style="list-style-type: none"> • Creation of a list of all Interested parties • Definition of the gaps in Standards and emission legislation • To formulate and promote relevant amendments to ECE-Regulations