



Brussels, 03 September 2018

For release on 30 August

PRESS RELEASE

NGVA and EBA release a joint roadmap to 2030 document to unveil the role and contribution of natural and renewable gas for a sustainable and decarbonized transport system.

The Natural & bio Gas Vehicle Association (NGVA Europe) and the European Biogas Association (EBA) have released a roadmap document. The document unveils the contribution that g-mobility will play to mitigate Greenhouse Gas (GHG) emissions moving rapidly towards carbon neutral solutions for a more sustainable future.

With g-mobility, carbon neutrality and increasing air quality are possible

The concept of g-mobility stands for gas as a transport fuel that enables cleaner mobility, low-emissions transport and efficient use of gas in passenger cars, trucks, public transportation, and ships. It has vast potential to enable a cleaner future for transport, in which use of natural and renewable gas contribute to decarbonisation and improved air quality.

Renewable gas production is already standard practice, availability and vehicle fleet is growing fast

Estimations about the European Natural Gas Vehicles (NGVs) market evolution show a potential in reaching a fleet of 13 million units in 2030, meaning a factor x 10 compared to today's situation. This will spread out on both the passenger car and the heavy-duty sector. Urban bus & coaches fed by natural gas will see a market penetration by 33% and the freight transport, based on compressed natural gas and liquefied natural gas, will reach a 25% market share, thus offering a real alternative to conventional diesel also for long-distance missions.

In parallel with this evolution, the production of renewable gas will increase too: in 2030 a conservative estimation shows a production potential close to 45 bcm (today is approximately 2 bcm). This will theoretically be able to overcome the entire fuel demand from the 13 million unit fleet (around 30 bcm). Nevertheless, NGVA and EBA estimate that in 2030 the average value of renewable gas used in the transport sector in Europe will be around 30%.

Carbon neutrality through the circular economy model and 80% renewable gas

This will translate to a very concrete contribution to decarbonisation: 30% renewable gas will provide a GHG emissions reduction of more than 45% compared to conventional fuels on a Well to Wheel basis. When considering the potential in using 80% renewable gas mix, a complete carbon neutrality can be achieved.

A legislative framework supporting all solutions

It is fundamental, that the legislative framework will maintain an open stage to all solutions: transport will need a clever integration of different technological approaches, including of course electrification, and we need to leverage on the best combinations of efficient engines and clean and renewable fuels. Under this perspective g-mobility results a key solution, able to immediately contribute to a faster acceleration towards a clean and decarbonised transport system.

The g-mobility document can be downloaded via [EBA](#) and [NGVA](#) websites.



About NGVA Europe

The Natural & bio Gas Vehicle Association (NGVA Europe) promotes the use of natural and renewable gas as a transport fuel. Its 135 members from 31 countries include companies and national associations from across the entire gas and vehicle manufacturing chain.

NGVA Europe is a platform for the industry involved in producing and distributing vehicles and natural gas, including component manufacturers, gas suppliers and gas distributors. It defends their interests to European decision-makers to create accurate standards, fair regulations and equal market conditions.

Furthermore, the association relies on active networks among its members to develop studies and roadmaps to support our advocacy actions with Institutions and stakeholders. It acts also as reference information hub to provide information about NGVs market and refuelling infrastructure development.

More information about NGVA Europe and the associations efforts for a sustainable future through g-mobility can be found at <https://www.ngva.eu>.

About EBA

The European Biogas Association (EBA) was founded in February 2009 as a Brussels based non-profit organisation promoting the deployment of sustainable biogas and biomethane production and use from anaerobic digestion (AD) and biomass gasification in Europe. EBA's membership gathers national biogas and biomethane associations, institutes and companies from 28 countries in Europe and beyond. EBA unites a large number of the most experienced biogas and biomethane experts in Europe and has highly experienced and skilled staff providing policy advice, know-how and information to promote beneficial legislation and framework conditions in the related field.

Contact

NGVA Europe
Natural & bio Gas Vehicle Association
Robin Hörrmann
Communications & Events Officer
Phone +32 470 77 34 28
robin.hoerrmann@ngva.eu
www.ngva.eu

EBA
European Biogas Association
Ángela Sainz Arnau
Communication and Community Manager
Phone +32 240 010 89
sainz@european-biogas.eu
www.european-biogas.eu