



**NGVA**  
— Europe  
for sustainable mobility

# NGVs – Overview of the market

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09 April 2019

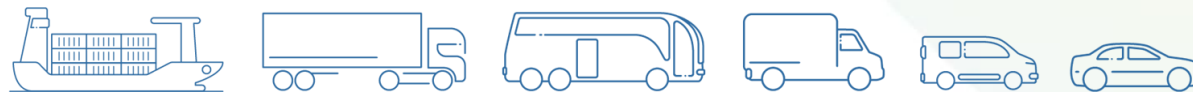
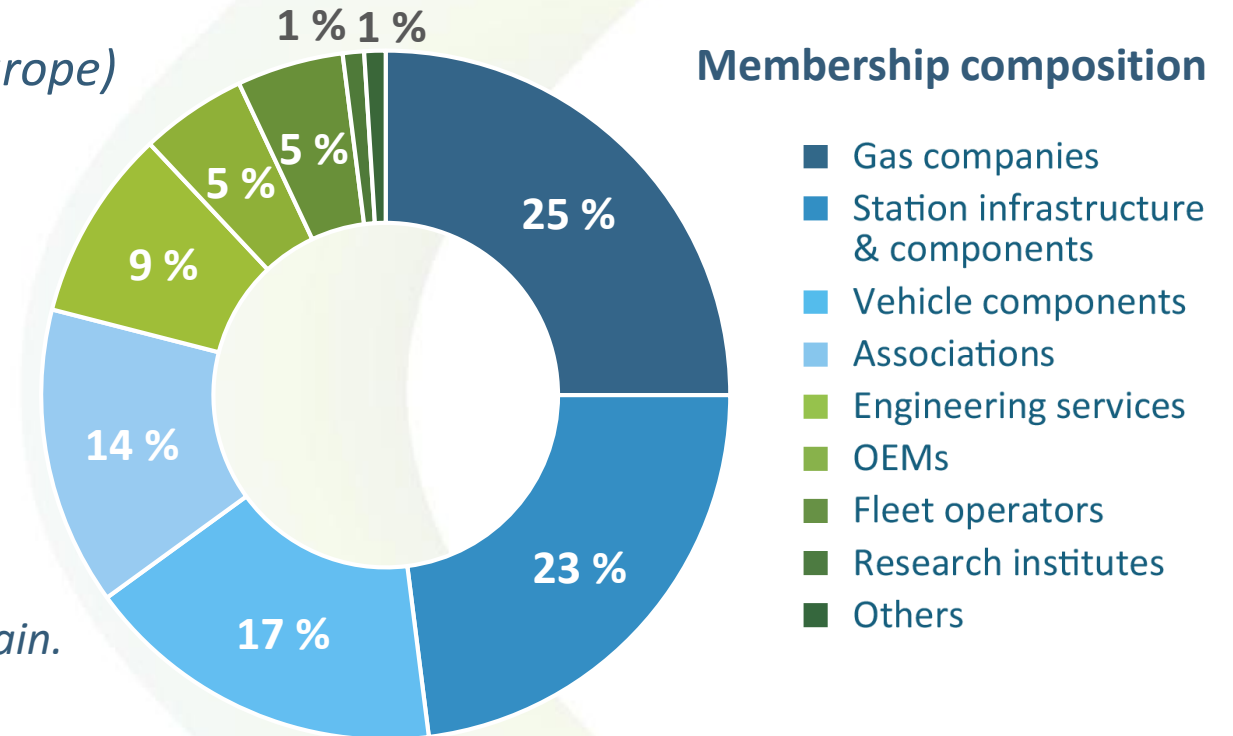
*The Natural & bio Gas Vehicle Association (NGVA Europe) promotes the use of natural and renewable gas as transport fuel.*

Its **127** members

from **31** countries

*include companies and national associations from across the entire gas and vehicle manufacturing chain.*

## Membership composition

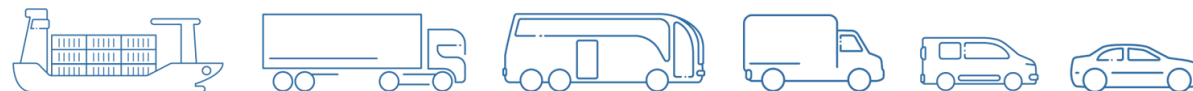


The Board of Directors currently consists of

**31** Board Members

from **13** countries

NGVA Europe creates **networks** among interested stakeholders to reach consensus on **positions** and **actions** to expand the market for the natural gas transport system.

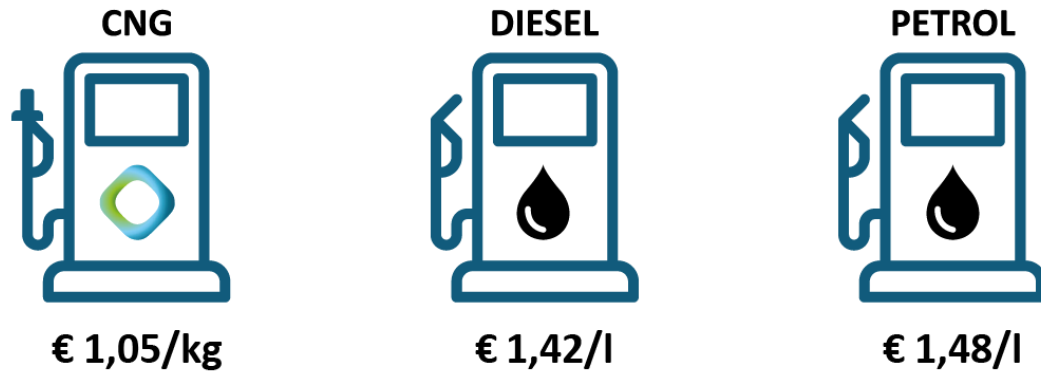


CNG mobility – from  
small city car to  
upper segment sedan



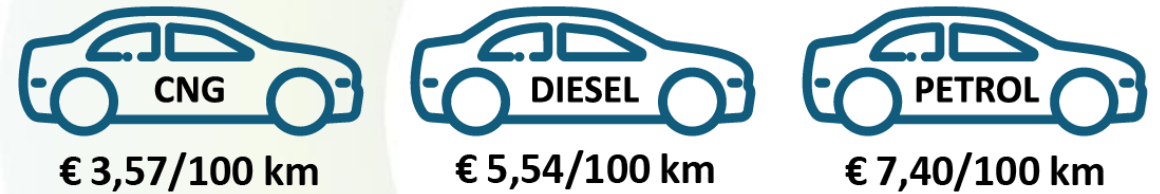
CNG and LNG from  
urban delivery up to  
long-haul trucks

## Current Situation



## Additional Fuel Price Information EC Decision

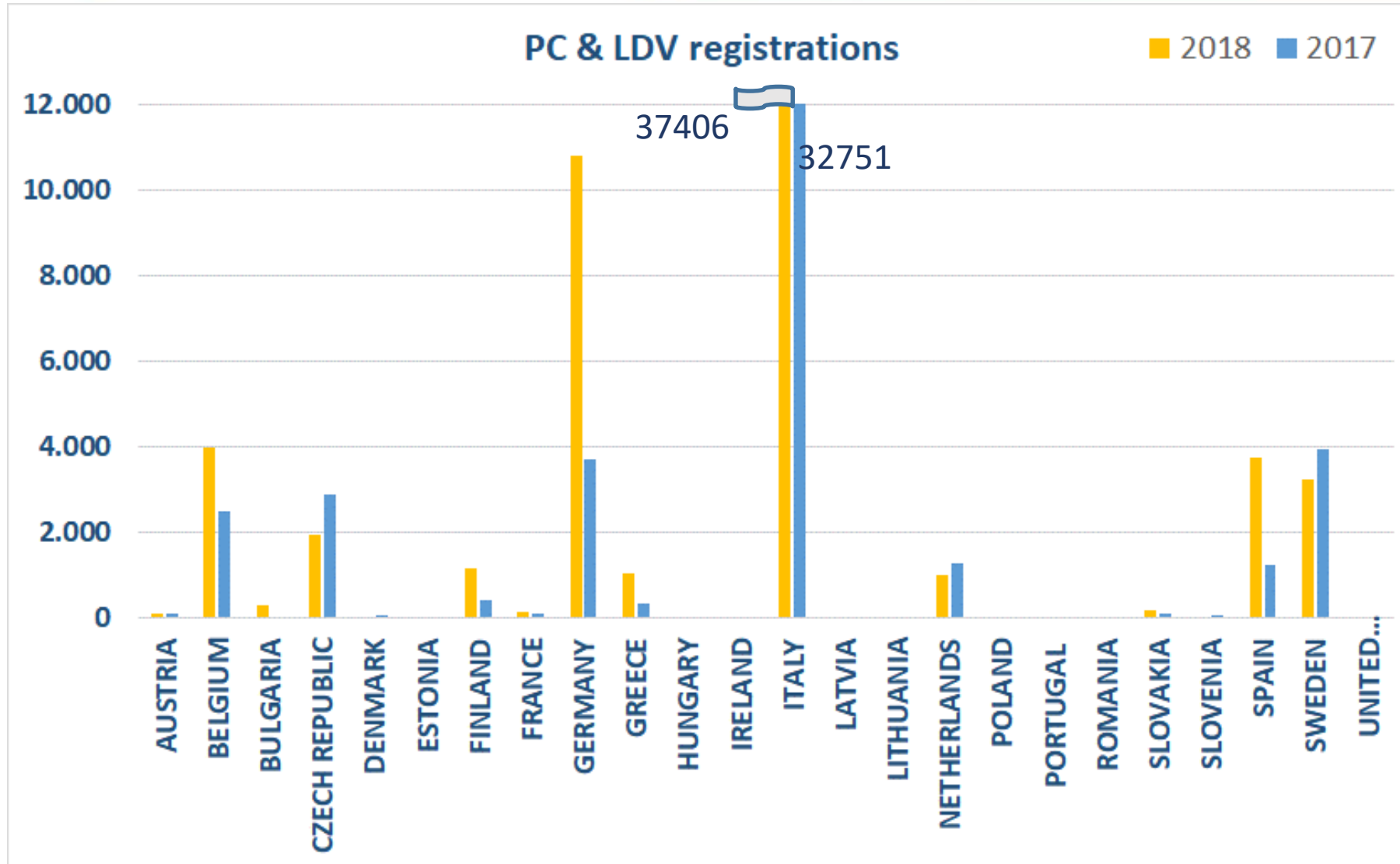
VEHICLE EFFICIENCY €/100 KM



- 35% vs  
Diesel

- 52% vs  
gasoline

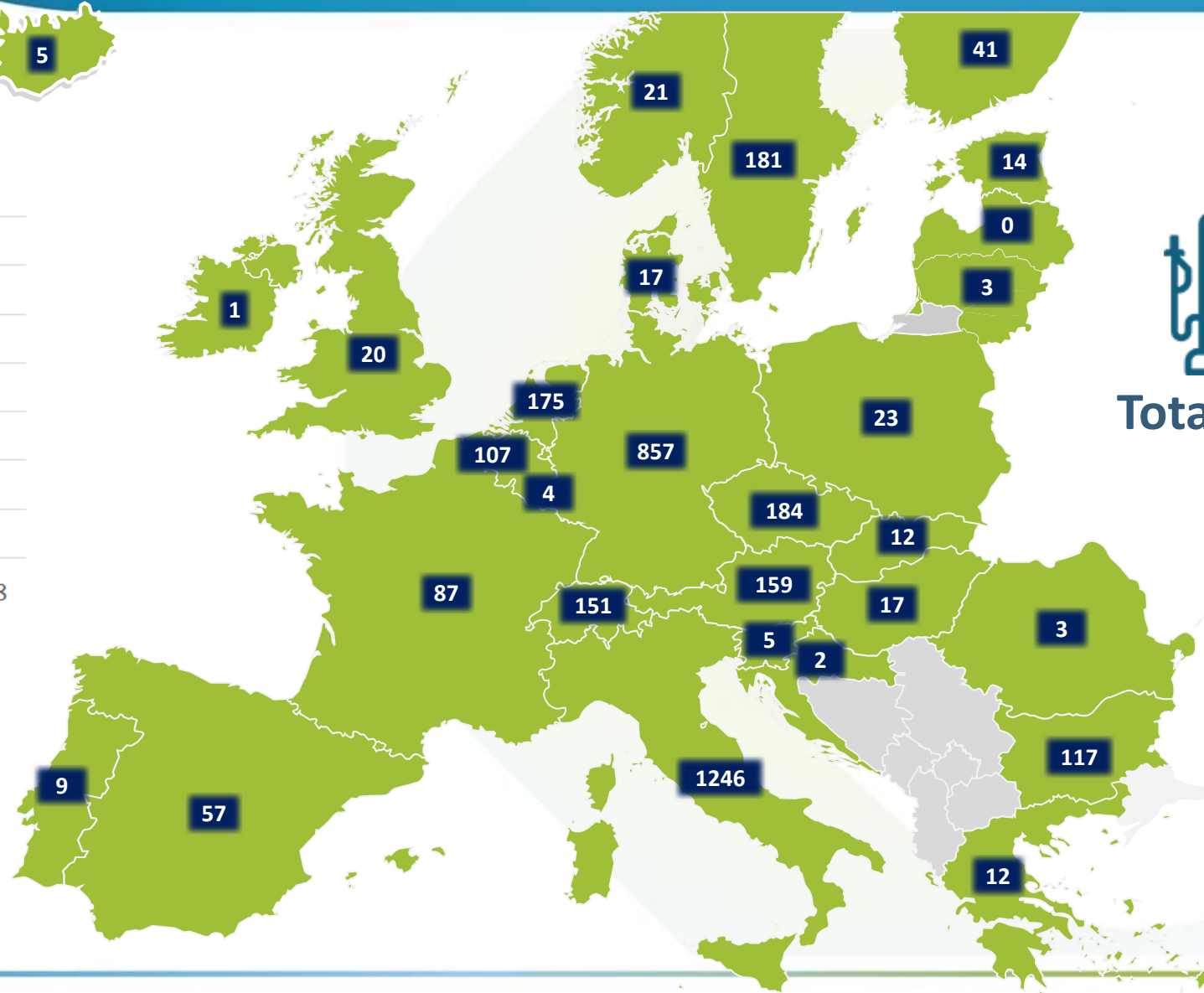
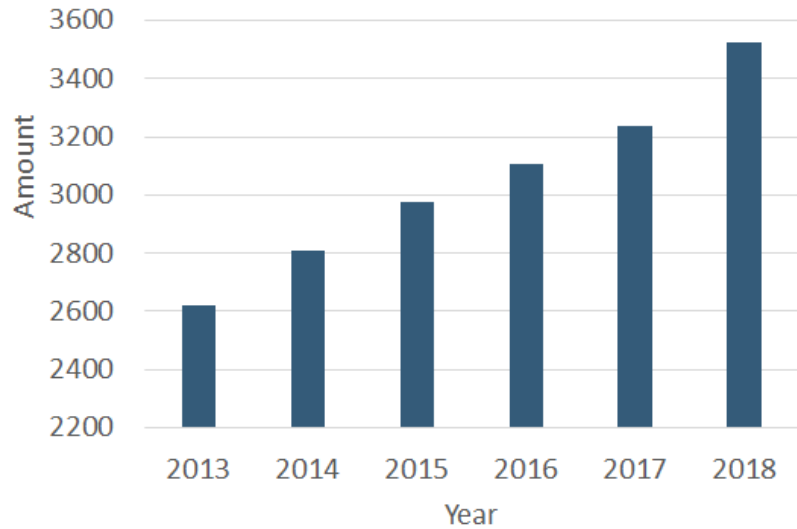
(Prices: EU average 2018)



**2018**  
**65 092 units**

**+ 31,4% vs 2017**  
**(49 553 units)**

Source: ACEA

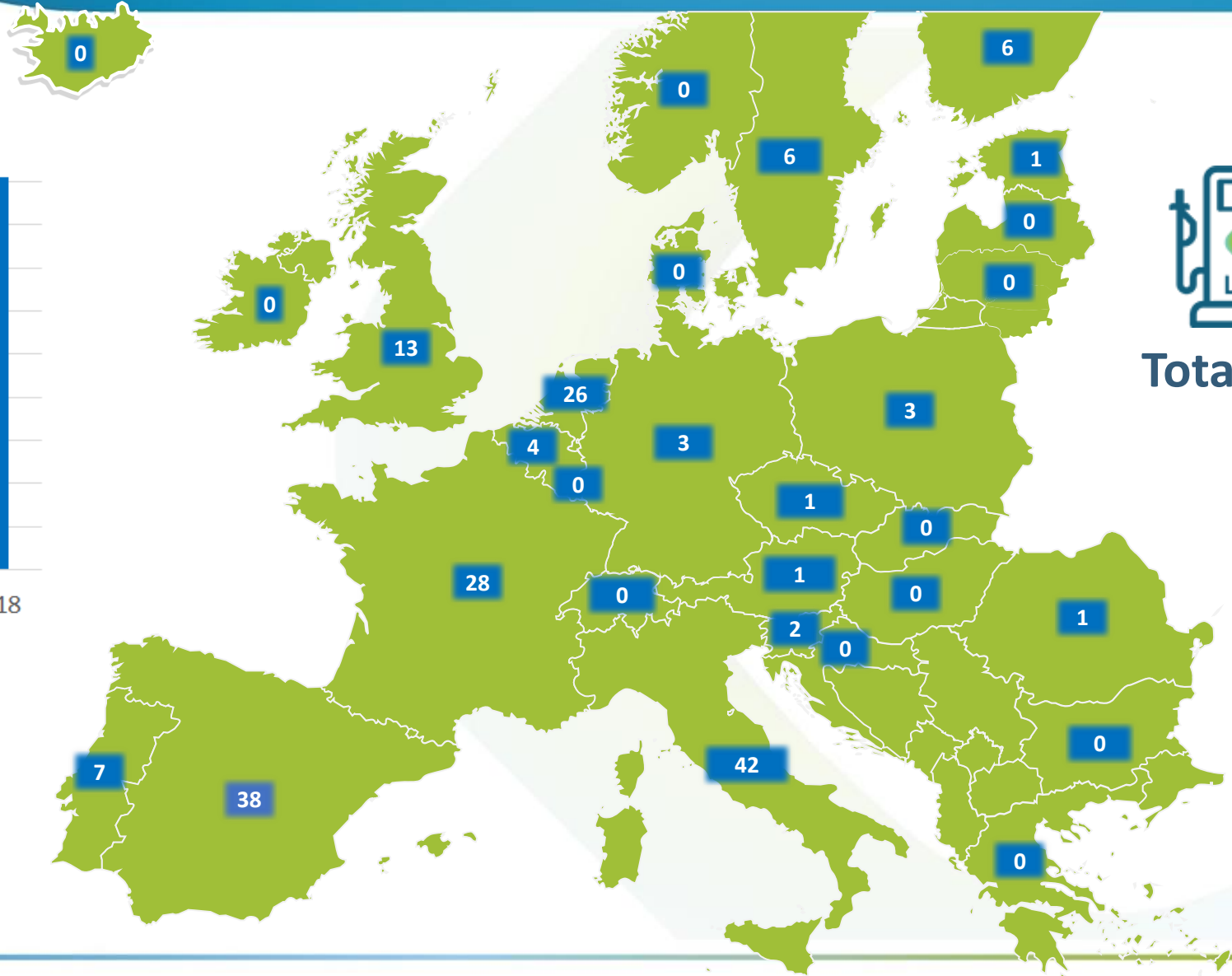
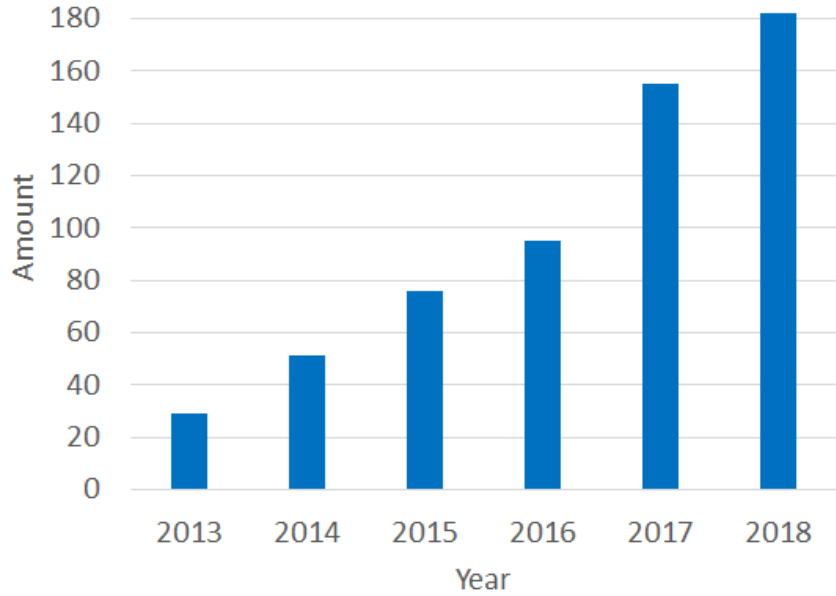


**Total: 3,530**

For a real-time map with routing visit

<https://www.ngva.eu/stations-map/>





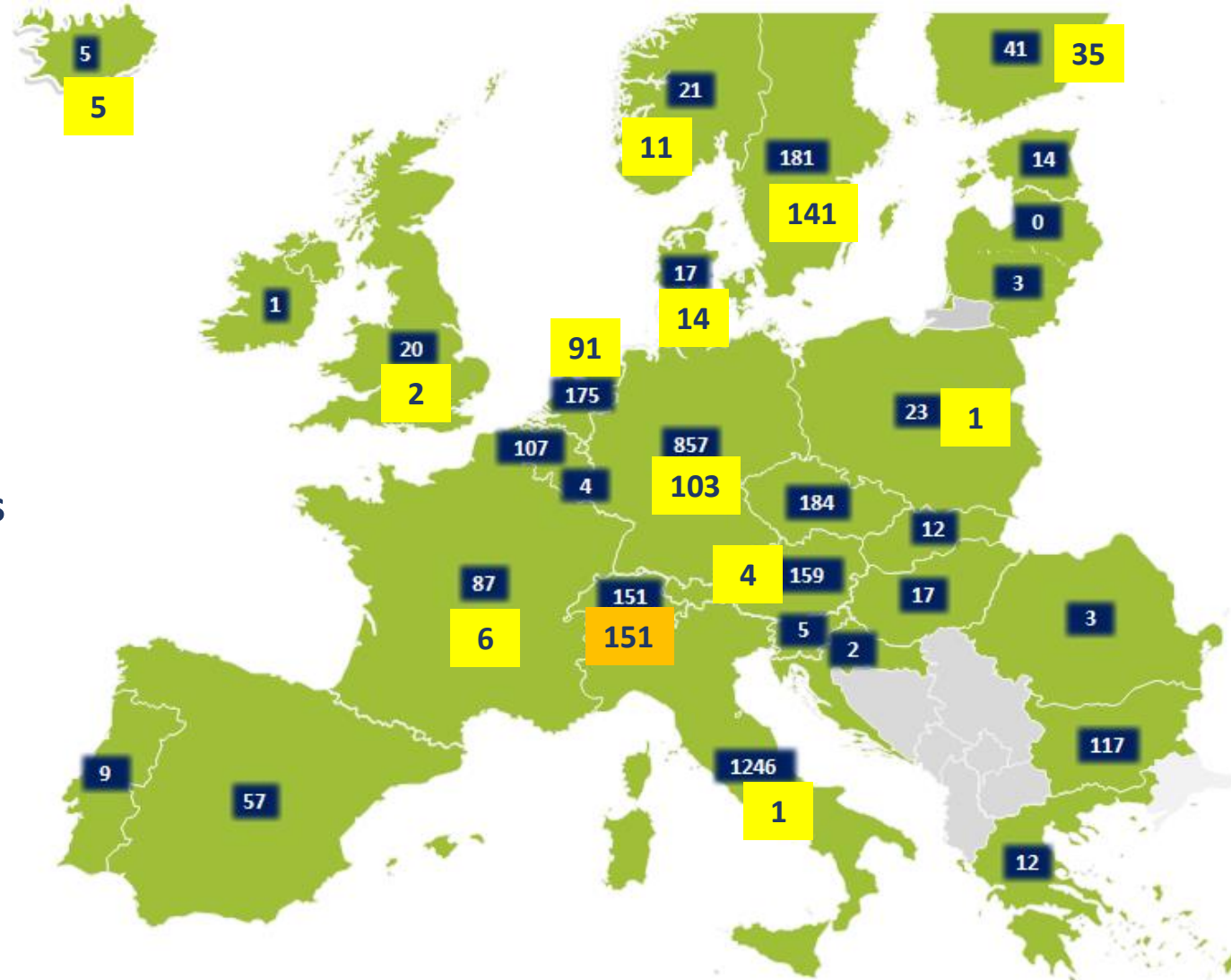
**Total: 182**

For a real-time map with routing visit

<https://www.ngva.eu/stations-map/>





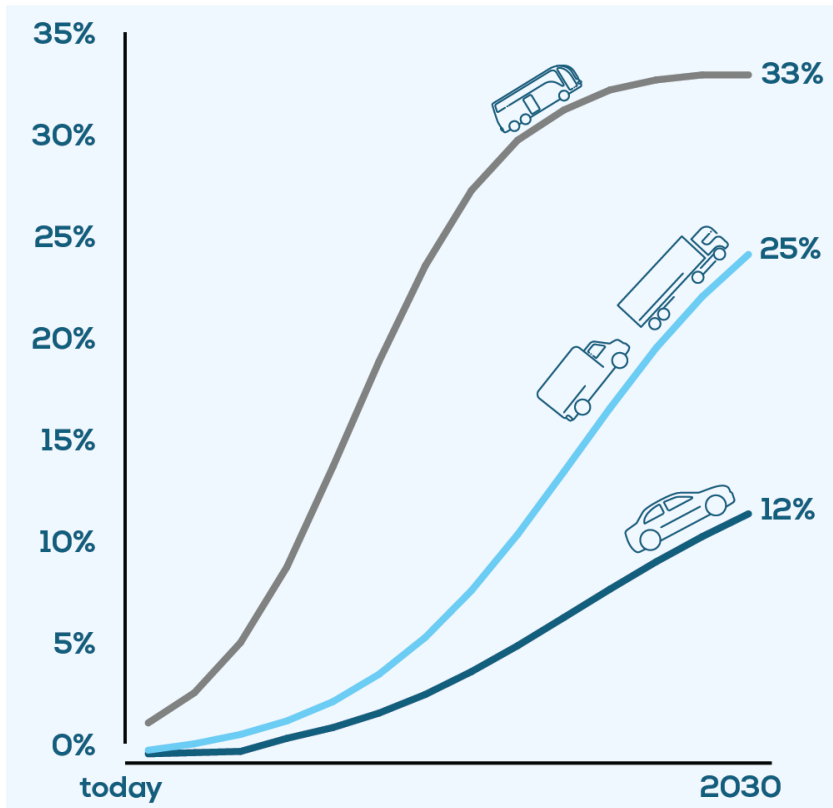


**419** Number of CNG stations delivering 100% biomethane





**151** In Switzerland stations deliver ~25% biomethane

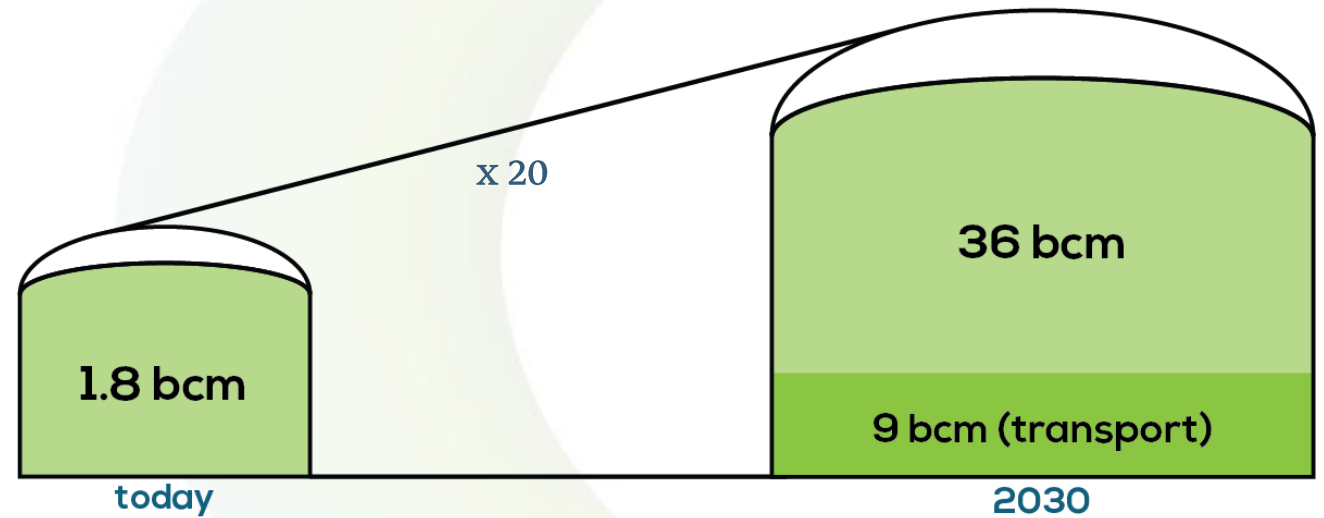
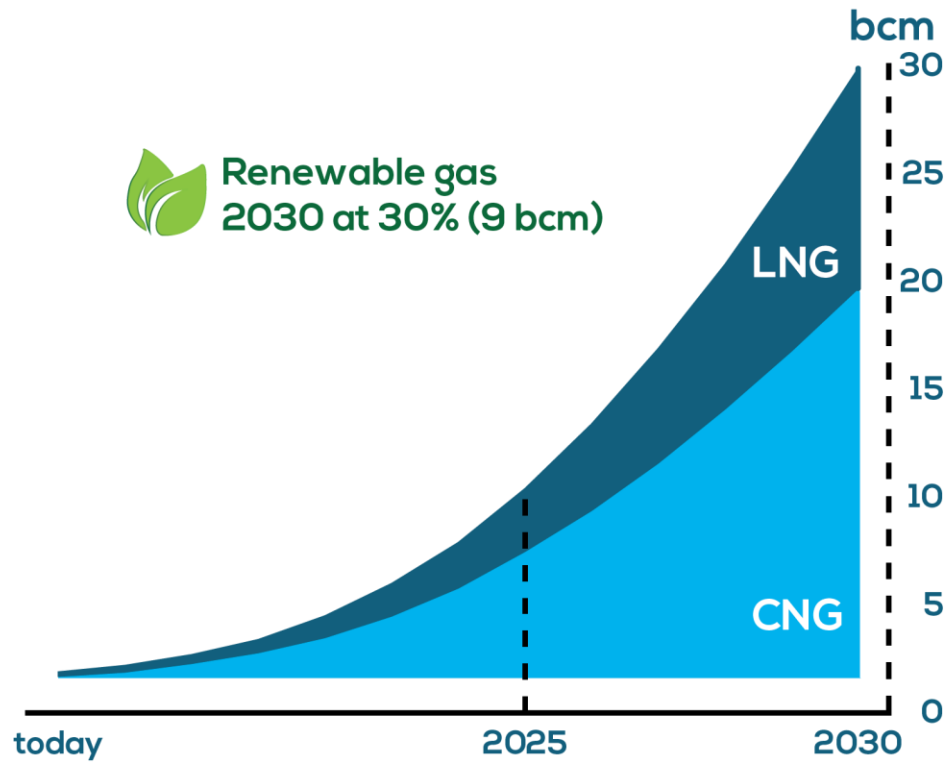


## Market share natural gas vehicles in Europe

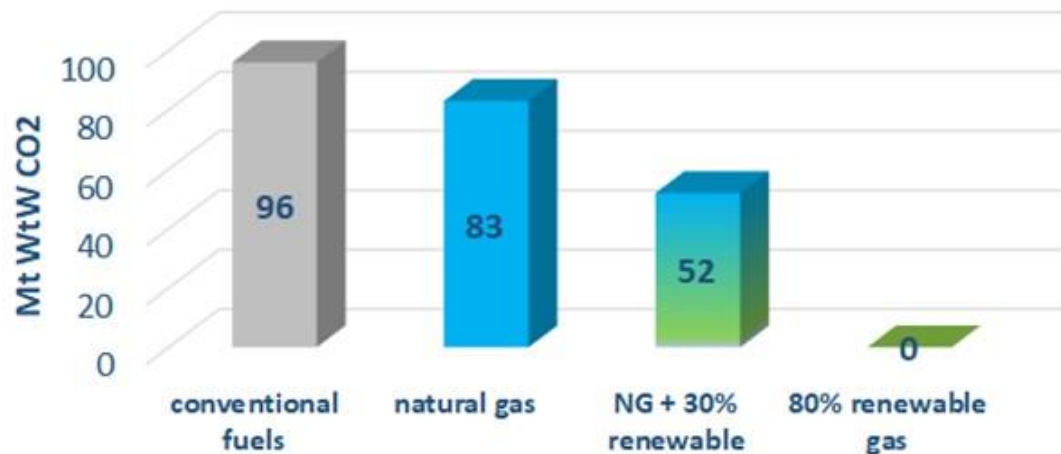


## Natural gas vehicles fleet development

	today	2030
	1.300.000	12.600.000 (x 10)
	16.000	110.000 (x 7)
	9.000	190.000 (x 21)
	6.000	280.000 (x 47)



## Effect on CO<sub>2</sub> WtW emissions - year 2030



30 bcm

9 bcm

Renewable gas

- Switching from conventional to NGVs provides 15% CO<sub>2</sub> saving.
- Introduction of 30% RNG translates in a 45% reduction (WtW basis vs conventional fuels).
- 80% renewable gas could make 13.4 million NGVs in 2030 CO<sub>2</sub> neutral thanks to the negative GHG emissions balance from liquid manure biomethane.

The concept of **gmobility** is an initiative by NGVA Europe with the aim to **relaunch and affirm the role of natural gas in transport.**



[www.gmobility.eu](http://www.gmobility.eu)

**gmobility** embraces CNG, LNG, together with all kinds of renewable gases, looking from personnel mobility to freight transport.



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