



NGVA
Europe
for sustainable mobility



VEHICLE CATALOGUE 2019





NGVA Europe, the Natural & bio Gas Vehicle Association, is composed of 127 members from 28+3 countries. They include companies and national associations from across the entire gas and vehicle manufacturing chain.

The association defends their interests to European decision-makers in order 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 advocacy actions with institutions and stakeholders. It also acts as a reference information hub to provide information about the Natural Gas Vehicle (NGV) market and the development of fuelling infrastructure.

This catalogue offers a comprehensive overview of the current vehicles available, from light to medium and heavy duty, for both private and professional use. Smaller and lighter NGV's are similar in price to an equivalent diesel version.

The slightly higher price for a bigger and heavier vehicle will be recovered in terms of fuel expense within a relatively short time.

All information in this catalogue has been provided by the manufacturers of the vehicles shown or from the information available on their official websites.

To display and make all numbers comparable, all emissions data related to passenger cars and light commercial vehicles are based on NEDC conditions.

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What is a Natural Gas Vehicle and what are its advantages?

Natural Gas Vehicles (NGVs) use Compressed Natural Gas (CNG) or Liquefied Natural Gas (LNG) as fuel.

CNG and LNG consists mainly of methane and is today increasingly produced from renewable sources: biomethane and synthetic natural gas. As natural and renewable methane can be mixed in any rate, and many European countries already blend gas, most NGVs already drive on renewable gas.

Compared with conventional fuels, NGVs:



- **emit less CO₂ and fewer pollutants**

Thanks to the circular economy model, where sustainable biomass is recycled and transformed into clean transportation fuel, CNG and LNG can reduce GHG emissions by up to 95%.

- **provide the same, or better performance, with less noise**

Today, with approximately 1.4 million gas vehicles on European roads, gas vehicles are not only appreciated for their low emissions, but also lower noise levels of up to 50% less compared to Diesel.

- **can be fuelled in a huge European network of over 3,600 CNG and 200 LNG stations**

Find an overview with the amount of all current gas fuelling stations on page 19, and a map with routing at www.NGVA.eu

- **are a lot more economical, both for fuel prices, and Total Cost of Ownership (TCO)**

- **offer a lower fuel cost operation**

AUDI
A3 Sportback g-tron S-tronic

96 (130)	Power kW (hp)
3,5 kg	Consumption (100 km)
17,3 kg (9 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	490 km (150 km)
CO ₂ emission	95MT-96AT g/km*



AUDI
A4 Avant g-tron

125 (170)	Power kW (hp)
3,9-4,1 kg	Consumption (100 km)
17,3 kg (7 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	468 km (120 km)
CO ₂ emission	105MT-113AT g/km*



AUDI
A5 Sportback g-tron

125 (170)	Power kW (hp)
3,8-4,1 kg	Consumption (100 km)
17,3 kg (7 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	468 km (120 km)
CO ₂ emission	104MT-114AT g/km*



FIAT
Panda Natural Power

52 (70)	Power kW (hp)
3,5 kg	Consumption (100 km)
12 kg (35 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	340 km (630 km)
CO ₂ emission	97 g/km



FIAT
Qubo Natural Power

51 (70)	Power kW (hp)
4,9-5,0 kg	Consumption (100 km)
13,2 kg (45 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	300 km (660 km)
CO ₂ emission	109 g/km



FIAT
Doblo Natural Power

88 (120)	Power kW (hp)
5,9 kg	Consumption (100 km)
16,2 kg (22 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	270 km (240 km)
CO ₂ emission	161 g/km



LANCIA
Ypsilon EcoChic

52 (70)	Power kW (hp)
3,5 kg	Consumption (100 km)
12 kg (40 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	340 km (720 km)
CO ₂ emission	97 g/km



OPEL
Combo 1.4 CNG Turbo

88 (120)	Power kW (hp)
4,97 kg	Consumption (100 km)
16,2 kg (22 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	325 km (300 km)
CO ₂ emission	134 g/km



With **gmobility**, **carbon neutrality** and **increasing air quality** are possible today.



In many countries in Europe, **renewable gas production is already standard practice**. It will be more and more available in the future to support the decarbonisation.



gmobility is a key player for **transport decarbonization** and **improving air quality**. Renewable gas is fully **compatible** with current natural gas technologies: blending can be made in any proportion and without any impact on vehicles and infrastructure.

*MT stands for manual transmission
AT stands for automatic transmission

SEAT
Mii Ecofuel

50 (68)	Power kW (hp)
2,9-3,0 kg	Consumption (100 km)
10,9 kg (9 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	360 km (190 km)
CO ₂ emission	82 g/km



SEAT
Ibiza TGI

66 (90)	Power kW (hp)
3,3 kg	Consumption (100 km)
13,8 kg (9 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	410 km (170 km)
CO ₂ emission	92 g/km



SEAT
Leon TGI manual & DSG

96 (130)	Power kW (hp)
3,5-3,6 kg	Consumption (100 km)
17,3 kg (9 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	480-500 km (160 km)
CO ₂ emission	98MT-95AT g/km*



SEAT
Leon ST TGI manual & DSG

96 (130)	Power kW (hp)
3,5-3,6 kg	Consumption (100 km)
17,3 kg (9 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	480 km (160 km)
CO ₂ emission	98MT-95AT g/km*



SEAT
Arona TGI

66 (90)	Power kW (hp)
3,5 kg	Consumption (100 km)
13,8 kg (9 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	410 km (160 km)
CO ₂ emission	98MT-95AT g/km*



SKODA
Citigo G-TEC

50 (68)	Power kW (hp)
2,9-3,0 kg	Consumption (100 km)
10,9 kg (9 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	350 km (190 km)
CO ₂ emission	81-82 g/km



SKODA
Octavia Combi G-TEC

81 (110)	Power kW (hp)
3,5 kg	Consumption (100 km)
15 kg (50 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	410 km (920 km)
CO ₂ emission	97 g/km



VOLKSWAGEN
eco up!

50 (68)	Power kW (hp)
2,9-3,0 kg	Consumption (100 km)
10,9 kg (9 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	360 km (190 km)
CO ₂ emission	81-82 g/km



VOLKSWAGEN
Polo TGI

66 (90)	Power kW (hp)
3,3 kg	Consumption (100 km)
13,8 kg (9 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	390-410 km (170 km)
CO ₂ emission	88 g/km




VOLKSWAGEN
Golf TGI

96 (130)	Power kW (hp)
3,6 kg	Consumption (100 km)
17,3 kg (9 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	490 km (150 km)
CO ₂ emission	95 g/km




*MT stands for manual transmission
AT stands for automatic transmission




VOLKSWAGEN
Golf Variant TGI

81 (110)	Power kW (hp)
3,6 kg	Consumption (100 km)
15 kg (50 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	480 km (150 km)
CO ₂ emission	99 g/km




VOLKSWAGEN
Caddy Passenger TGI manual & DSG

81 (110)	Power kW (hp)
4,6-4,7 kg	Consumption (100 km)
26 kg (11 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	600 (200 km)
CO ₂ emission	126-130 g/km




VOLKSWAGEN
Caddy Passenger Maxi TGI manual & DSG

81 (110)	Power kW (hp)
4,7-4,9 kg	Consumption (100 km)
34 kg (11 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	790 (200 km)
CO ₂ emission	129-133 g/km




FIAT
Panda Van Natural Power

52 (70)	Power kW (hp)
3,5 kg	Consumption (100 km)
12 kg (35 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	340 km (630 km)
CO ₂ emission	97 g/km




FIAT
Fiorino Cargo Natural Power

51 (70)	Power kW (hp)
4,8 kg	Consumption (100 km)
13,2 kg (45 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	270 km (600 km)
CO ₂ emission	132 g/km



FIAT
Doblò Cargo Natural Power

88 (120)	Power kW (hp)
5,9-6,0 kg	Consumption (100 km)
16,2-22 kg (22 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	270-370 km (240 km)
CO ₂ emission	162-163 g/km



OPEL
Combo Cargo 1.4 CNG Turbo

88 (120)	Power kW (hp)
5,9-6,0 kg	Consumption (100 km)
16,2-22 kg (22 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	450 km (300 km)
CO ₂ emission	134MT-138AT g/km*



VOLKSWAGEN
eco load up!


50 (68)	Power kW (hp)
2,9-3,0 kg	Consumption (100 km)
10,9 kg (9 lt)	Fuel capacity CNG (petrol)
Range, CNG (petrol)	360 km (190 km)
CO ₂ emission	82 g/km



- is the development and use of natural gas propulsion, using gas from both renewable and traditional sources as a main fuel.
- includes CNG (Compressed Natural Gas) mainly used in cars, buses and small trucks and LNG (Liquified Natural Gas) a fuel used by long-distance trucks and ships, mixed with renewable gas.
- offers a zero-emission option for vehicles when using renewable gas such as biomethane and syngas, obtained from the excess of renewable electricity.
- can improve air quality in cities and help achieve the targets needed to decarbonise the transport sector.

*MT stands for manual transmission
AT stands for automatic transmission

VOLKSWAGEN
Caddy Panel/Passenger TGI



81 (110) Power kW (hp)
4,0-4,2 kg Consumption (100 km)
26 kg (13 lt) Fuel capacity CNG (petrol)

Range, CNG (petrol) 600 km (200 km)
 CO₂ emission 109MT-115AT g/km*

VOLKSWAGEN
Caddy Panel/Passenger Maxi TGI



81 (110) Power kW (hp)
4,1-4,3 kg Consumption (100 km)
37 kg (13 lt) Fuel capacity CNG (petrol)

Range, CNG (petrol) 790 km (200 km)
 CO₂ emission 111MT-117AT g/km*


FIAT
Ducato Natural Power



100 (136) Power kW (hp)
8,1-8,7 kg Consumption (100 km)
36 kg (15 lt) Fuel capacity CNG (petrol)

Range, CNG (petrol) 410 km (100 km)
 CO₂ emission 222-238 g/km

FIAT
Ducato Panorama Natural Power



100 (136) Power kW (hp)
8,9-9,0 kg Consumption (100 km)
36 kg (15 lt) Fuel capacity CNG (petrol)

Range, CNG (petrol) 400 km (100 km)
 CO₂ emission 244-246 g/km


IVECO IVECO
Daily Natural Power



100 (136) Power kW (hp)
8,9 kg Consumption (100 km)
39 kg (14 lt) Fuel capacity CNG (petrol)

Range, CNG (petrol) 440 km (100 km)
 CO₂ emission 245 g/km

IVECO IVECO
Daily Cabinato Natural Power



100 (136) Power kW (hp)
8,9 kg Consumption (100 km)
39 kg (14 lt) Fuel capacity CNG (petrol)

Range, CNG (petrol) 440 km (100 km)
 CO₂ emission 245 g/km

Trucks

IVECO IVECO
S-WAY NP CNG



Max. 294 (400) Power kW (hp)
1575 lt Fuel capacity CNG

Range, CNG up to 1000 km

LNG

IVECO IVECO
S-WAY NP LNG



Max. 338 (460) Power kW (hp)
1080 lt Fuel capacity LNG

Range, LNG up to 1600 km

Available today



Clean cities



Carbon neutral mobility



Low costs



*MT stands for manual transmission
 AT stands for automatic transmission

IVECO IVECO
Eurocargo Natural Power 12-16 Ton

Max. **150** (240) Power kW (hp)

139 kg Fuel capacity CNG

Range, CNG up to 400 km



MERCEDES
Econic NGT

Max. **222** (302) Power kW (hp)

90 kg (Option 105) Fuel capacity CNG

Axle configuration 4x2, 6x2, 6x4, 8x4 Eup
Range, CNG up to 400 km



RENAULT
D Wide CNG

Max. **235** (320) Power kW (hp)

120 kg Fuel capacity CNG

Range, CNG up to 400 km



SCANIA
P/G CNG Version 280

Max. **205** (280) Power kW (hp)

145 kg (Composite tanks) Fuel capacity CNG

Range, CNG up to 425 km



SCANIA
P/G CNG Version 340

Max. **250** (340) Power kW (hp)

145 kg (Steel tanks) Fuel capacity CNG

Range, CNG up to 425 km



LNG **SCANIA**
P/G LNG Version 280

Max. **205** (280) Power kW (hp)

190 kg Fuel capacity LNG

Range, LNG up to 1100 km



LNG **SCANIA**
P/G LNG Version 340

Max. **250** (340) Power kW (hp)

310 kg (Double tank) Fuel capacity LNG

Range, LNG up to 1100 km



VOLVO **VOLVO**
FE CNG

Max. **239** (320) Power kW (hp)

120 kg Fuel capacity CNG

Axle configuration 4x2 & 6x2
Range, CNG up to 400 km



VOLVO **VOLVO**
FH LNG

Max **340** (460) Power kW (hp)

205 kg Fuel capacity LNG

Axle configuration 4x2, 6x2 & 6x4
Range, LNG up to 1000 km



VOLVO **VOLVO**
FM LNG

Max. **340** (460) Power kW (hp)

205 kg Fuel capacity LNG

Axle configuration 4x2, 6x2 & 6x5
Range, LNG up to 1000 km



IVECO BUS IVECO BUS
Daily Blue Power

100 (136) Power kW (hp)
 246 lt Fuel capacity CNG

Max passenger capacity (excl. driver) 22 + 1



IVECO BUS IVECO BUS
Urbanway Natural Power

213-243 (290-330) Power kW (hp)
 10/12 m 1260 lt
18 m 1540 lt Fuel capacity CNG

Max passenger capacity (excl. driver) 10m: 93
12m: 111
18m: 163



IVECO BUS IVECO BUS
Crealis Natural Power

213-243 (290-330) Power kW (hp)
 12 m 1260 lt
18 m 1540 lt Fuel capacity CNG

Max passenger capacity (excl. driver) 12m: 103
18m: 155



IVECO BUS IVECO BUS
Crealis Natural Power

265 (360) Power kW (hp)
 1260 kg Fuel capacity CNG

Max passenger capacity (excl. driver) 63



IVECO BUS IVECO BUS
Crossway LE Natural Power

265 (360) Power kW (hp)
 1260 kg Fuel capacity CNG

Max passenger capacity (excl. driver) 93



MAN MAN
Lion's City CNG

200-228 (272-310) Power kW (hp)

267-296 kg Fuel capacity CNG

Max passenger capacity (excl. driver) 101 normal
169 articulated 18 m



MERCEDES Mercedes
Citaro (G) NGT

Max **240** (302) Power kW (hp)

197-365 kg Fuel capacity CNG

Max passenger capacity (excl. driver) 10m: 86
12m: 103
18m: 157



MERCEDES Mercedes
Citaro NGT hybrid

Max **n/a** Power kW (hp)

n/a Fuel capacity CNG

Max passenger capacity (excl. driver) 10m: 86
12m: 103
18m: 157



MERCEDES Mercedes
Conecto (G) NGT

Max **222** (302) Power kW (hp)

225-365 kg Fuel capacity CNG

Max passenger capacity (excl. driver) n/a




SCANIA Scania
Citywide LF CNG

Max **206** (280) Power kW (hp)


275 kg Fuel capacity CNG


Max passenger capacity (excl. driver) 96 normal
147 articulated 18 m







SCANIA
Citywide LE CNG

 Max **235** (320) Power kW (hp)


 **330 kg** Fuel capacity CNG

Max passenger capacity (excl. driver) 91 normal
128 articulated 18 m






ISUZU
Citybus CNG

 **226** (303) Power kW (hp)


 **215 lt** Fuel capacity CNG


Max passenger capacity (excl. driver) 71






SCANIA
Interlink LD CNG

 **206-235** (280-320) Power kW (hp)

 **210-330 kg** Fuel capacity CNG

Max passenger capacity (excl. driver) 2 axled: 59
3 axled: 71






SOLARIS
Urbino 18 CNG

 **239** (320) Power kW (hp)


 **220-345 kg** Fuel capacity LNG


Max passenger capacity (excl. driver) n/a






SCANIA
Interlink MD LNG

 **206-235** (280-320) Power kW (hp)

 **800 lt** Fuel capacity LNG


Range, LNG up to 1000 km

Max passenger capacity (excl. driver) 2 axled: 59
3 axled: 71






SOLARIS
Urbino 12 CNG

 **239** (320) Power kW (hp)


 **220-300 kg** Fuel capacity CNG


Max passenger capacity (excl. driver) n/a






SCANIA
Interlink LD LNG

 **206-235** (380-320) Power kW (hp)

 **850 lt** Fuel capacity LNG

Range, LNG up to 1100 km

Max passenger capacity (excl. driver) 2 axled: 59
3 axled: 71






VAN HOOL
Exqui.city 18

 **235** (320) Power kW (hp)


 **1470 lt** Fuel capacity CNG


Max passenger capacity (excl. driver) 143






ISUZU
Cityport CNG

 **224** (300) Power kW (hp)

 **300 lt** Fuel capacity CNG

Max passenger capacity (excl. driver) 97





VAN HOOL
Exqui.city 24

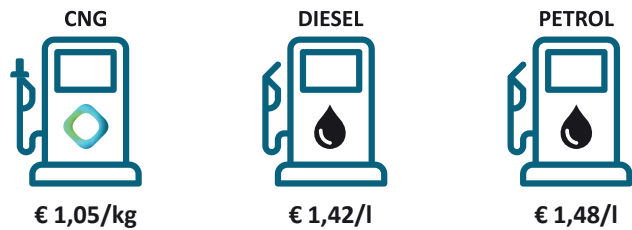
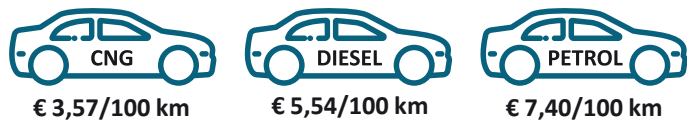
 Hybrid **250** (340) Power kW (hp)

 **1470 lt** Fuel capacity CNG

Max passenger capacity (excl. driver) 140 (comfort) / 159



Current Situation*


 Additional Fuel Price Information EC Decision
VEHICLE EFFICIENCY €/100 KM

 - 35% vs
diesel

 - 52% vs
gasoline

www.gmobility.eu

www.ngva.eu

*all fuel costs are based on 2018 average prices

Country

CNG

LNG

	Austria	158	1
	Belgium	119	10
	Bulgaria	116	0
	Croatia	2	0
	Cyprus	0	0
	Czech Republic	192	1
	Denmark	17	0
	Estonia	15	1
	Finland	42	8
	France	92	31
	Germany	849	5
	Greece	14	0
	Hungary	18	1
	Ireland	1	0
	Italy	1284	50
	Latvia	1	0
	Lithuania	3	0
	Luxembourg	2	0
	Malta	0	0
	Netherlands	177	24
	Poland	23	5
	Portugal	9	6
	Romania	3	0
	Slovakia	12	0
	Slovenia	5	2
	Spain	62	41
	Sweden	188	9
	UK	3	13
	EFTA Iceland	5	0
	EFTA Norway	21	1
	EFTA Switzerland	150	1



Total EU + EFTA

3583

210

 Source: www.ngva.eu/stations-map/ · 10.07.2019

NGVA Europe represents 127 members.
Our Board of Directors consists of:

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e-on



gasmobil



IVECO



Naturgy



Swagelok



VOLKSWAGEN
AKTIENGESELLSCHAFT

VOLVO



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