



EUROPE  
NEEDS MORE  
BIOGAS

MORE BIOGAS, LOCATED IN KALMAR SWEDEN, IS A PERFECT EXAMPLE OF THE CIRCULAR ECONOMY AT WORK. HERE OVER 30,000 TONS OF FOOD WASTE, MANURE AND AGRICULTURAL RESIDUES ARE PROCESSED IN THEIR ANAEROBIC DIGESTION PLANT EACH YEAR.

---

The biogas plant is partly owned by the farmers who provide the agricultural feedstocks, and in return receive a rich digestate fertilizer to spread on their land.

The plant also produces up to 700Nm<sup>3</sup>/h of biogas which is upgraded to biomethane by a Puregas Solutions CA30 plant. The biomethane is subsequently compressed to 250barg to produce bioCNG.

Most the bioCNG is fed into composite trailers, each capable of storing 5,000Nm<sup>3</sup> of biomethane, which are then transported to the local municipality bus depot to fuel their fleet of CNG busses.

The remainder of the bioCNG is stored locally and sold to the general public to fuel their Natural Gas Vehicles (NGV).

The plant produces enough bioCNG to displace over 3 million litres of diesel each year.

## ABOUT PUREGAS SOLUTIONS

Puregas Solutions is a Swedish based company delivering highly efficient and extremely reliable biogas upgrading solutions. A Global market leader, Puregas has subsidiaries in the UK, Denmark, Germany and the USA.

With over 20 years of experience Puregas Solutions supplies Biogas Upgrading Plants, bioCNG compressor stations and fuelling infrastructure. Puregas provides fully integrated solutions for biogas upgrading and have over 30 plants already operating.

SURELY WE  
NEED MORE  
OF THIS?

[www.puregas-solutions.com](http://www.puregas-solutions.com)

FUELLING  
OUR FUTURE

