

# NGE



The UK target is to reduce CO<sub>2</sub> emissions by 80% by 2050.



The NHS spends an estimated £1bn a year treating Asthma.



The cost of congestion in the UK is expected to rise significantly.



Transport is one of the biggest causes of CO<sub>2</sub> emissions.

## TAKE CO<sub>2</sub>NTROL



*"The gas fleet are less than 70% of the direct cost of running a diesel bus, or 80% including the infrastructure required. They're also much more reliable, which would be worth paying a premium!"*

### Reading Buses

### Make a difference with Bio Gas

Bio Gas is the most commercially viable option for cost efficient CO<sub>2</sub> reduction for transportation.

Get in touch to see how we can help.

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# TOGETHER

WE CAN ACHIEVE A BETTER ENVIRONMENT.  
POWERED BY **BIO GAS**, FUELLED BY NATURE.

OUR TOWNS AND CITIES NEED

# CHA

While there is no question that future generations will primarily live in cities, whether they'll do so in a socially, environmentally and economically sustainable way remains to be seen.

Urbanisation presents a number of challenges, none more so than mobility. Air pollution is not a new problem. Since the industrial revolution, generations have suffered from the impact of emissions and poor air quality. But today, increased road transport and the failure to control air pollutants has led to a heightened need for change.

While the challenge is great, shifts in behaviour and technology mean there is more opportunity for future generations to inherit a brighter environment and improved quality of life through sustainable urban mobility.

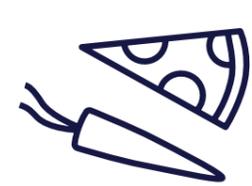
It's time to take control.

**SCANIA**

You don't need us to tell you that we're using up natural resources at an unprecedented rate or that the resulting pollution is having a devastating impact on the air we breathe. Together, we can change that.

Bio Gas is produced by the natural breakdown of food and sewage waste. This biological process is called anaerobic digestion and is similar to the process that takes place in a cow's stomach. In contrast to rapidly depleting stocks of fossil fuels, there's an inexhaustible supply of waste organic materials, which makes Bio Gas an ideal, cleaner alternative.

Not only can Bio Gas fuel vehicles, power businesses and heat homes, it also offers manufacturers, farmers, local authorities and retailers an alternative means of disposing of organic waste in a way that is much more beneficial to the environment. The production of Bio Gas can support economic growth and is an ideal renewable and sustainable transport fuel.



Millions of tonnes of food waste currently end up in landfill, almost half of which is from households.



Waste sent to landfill is currently taxed by the UK government.



Bio Gas is produced from food and sewage waste by anaerobic digestion, which is a natural process.



Greenhouse gases from food waste in landfill is much more damaging to the environment than CO<sub>2</sub>.

# BIO GAS

THE FUTURE IS NOW

## GREEN

Up to 90% reduction in CO<sub>2</sub> emissions

## CLEAN

Better air quality with less particle emissions than Euro VI Diesel

## ECONOMICAL

Lower operating costs than an equivalent diesel fleet

## QUIET

Less noise for a more pleasant environment

In the face of these challenges, a new generation of transport is evolving, helping to make our towns and cities better places to live in and safeguarding mobility for generations to come.

With a long history of cutting-edge development, Scania is now at the forefront of sustainable commercial and public transport. Scania understand that the trend towards sustainable transport is not a need, but a must and that meeting society's demand for transport and mobility with a much smaller environmental footprint means reducing waste and emissions, boosting efficiency and switching to renewable fuels.

Scania Bio Gas powered vehicles provide cleaner, quieter and cost-effective transport with significantly lower costs than those associated with hybrid, electric or hydrogen options. Further cost benefits are available in the form of subsidies and grants.

Working closely with supply and support partners, Scania's turnkey solutions can provide you with all that is needed to help answer the need for change today.



Bio Gas is one of the most cost effective options for alternative fuels, for both running and setup.



Bio Gas engines produce less vibration than diesel equivalents, which means a more comfortable and quieter ride.



Bio Gas can help create sustainable economic growth, creating and supporting local jobs.



Scania offer a complete low-emission solution, with partners in place to provide everything that's needed.