

Roadgas infrastructure supports Moy Park gas fleet

Case study September 2021



Moy Park is driving on gas with the largest single order of IVECO natural gas trucks in the UK. Northern Ireland's largest private sector business and one of the UK's top food suppliers has committed to mass decarbonisation of its' transport operation with an initial 50 x Liquefied Natural Gas (LNG) IVECO Stralis NP. These Bio-LNG-fuelled IVECO trucks will greenify its' logistics operation. The trucks will run out of Moy Park's Sleaford and Ashbourne facilities.

Roadgas designed and built the twin on-site refuelling stations to support the fleet. The trucks run on 100% Bio-Methane. Roadgas supply and manage the delivery of the Bio-methane, provide a 24/7 service and maintenance support as well as deliver extensive training to all those involved in the refuelling operation.

The creation of Bio-Methane through the anaerobic digestion process means that Moy Park can take advantage of ultimate greenhouse gas emissions reductions. Bio-Methane gas expended as a result of processing waste is collected for use as vehicle fuel while solids can be used as fertiliser. This is known as the 'circular economy', a methodology Roadgas believes will open the door to eventual negative greenhouse gases in vehicular transport.

Moy Park has maintained a zero waste to landfill policy since 2015. The new biogas trucks, run via a 5-year IVECO Capital ops lease are expected to cover around 160,000kms a year each which Moy Park estimates will offset around an impressive 5,600 tonnes of CO2 annually. Natural gas can also deliver an uplift in fuel efficiency over its diesel counterpart, reduce operating costs by up to 35% in addition to reducing CO2 emissions by up to 95% and particulates by around 99%.



The plan for Moy Park is to transition their entire core fleet of 120 tractor units to Bio-Methane by 2023 and to work with third party logistics partners in their CO2 reduction programmes as part of their overall 'Net Zero Carbon' strategy.