



NOVAPANGAEA
TECHNOLOGIES

Press Release
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Nova Pangaea Technologies completes successful E10 biofuel trial

Nova Pangaea Technologies, the UK based cleantech company, has successfully developed and trialled its first E10 fuel on a motorcycle at its headquarters in Redcar, UK. The trial which took place on 30th October featured Nova Pangaea's breakthrough process, REFNOVA, which converts 2nd generation non-food feedstocks such as woody and agricultural residues into valuable products for biofuels, biochemicals and biopolymers.

CEO Sarah Ellerby commented: "This is a significant milestone for Nova Pangaea, we have now proven that REFNOVA will produce viable products for biofuels which are a critical part of the shift towards net zero. I'm really proud of our team for the hard work, determination and dedication that is going into our rapid development as a company. I'm also extremely grateful for the ongoing support from the Department for Transport whose grant funding was critical in our ability to reach this crucial milestone".

Sarah continued: "This is a significant part of the global energy transition - replacing fossil fuels to work towards net zero. In order for us to meet our carbon reduction targets, alternative fuels need to be from non-fossil fuel sources. Bioethanol is a sustainable drop-in that does not require additional infrastructure investment."

The fuel was produced by Nova Pangaea's sustainable fuel partner, Coryton, at their base in Essex, UK. Coryton's Commercial Manager, Luke Goldsmith remarked: "As the world continues to transition away from fossil fuels, the REFNOVA process could make a critical contribution to the target of net-zero emissions. Having reviewed and formulated fuels, using many sustainable components, Coryton can say with confidence that second-generation ethanol of this quality will be a welcome addition to the increasing biofuel slate".

Nova Pangaea's REFNOVA process sustainably converts plant residues from forestry and agricultural processes and turns it into the base products for biofuels, biopolymers and biochemicals. The technology is a world-first, patented process developed by the Redcar, UK based company. Significant commercial interest in 2nd generation technology is worldwide.

UK Transport Minister Rachel Maclean said:

"As part of our greenprint for the future of transport we're committed to slashing emissions across all vehicles on our roads as we look to end our contribution to climate change by 2050.

"By supporting trials such as this we can take advantage of reduced CO2 emissions and this small switch to cleaner petrol will help drivers reduce the environmental impact of every journey, with us all benefitting from breathing cleaner air."

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- 1 -

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Notes for Editors

About Nova Pangaea Technologies Ltd

Nova Pangaea Technologies converts biomass from forestry and agricultural processes and turns it into the base products for biofuels, biopolymers and biochemicals. The process, called REFNOVA, is a British invented, world first; the company is based on Teesside and trades with customers worldwide.

The REFNOVA technology converts materials such as woody residues, wheat straw and sugar cane into feedstocks for biochemicals, biofuels and biopolymers, providing additional yield and revenue streams for producers (eg farms, forestry and sugar cane producers), while reducing dependence on fossil fuels and feedstocks that compete with food applications.

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