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Gas Strategies Group

10 Saint Bride Street London UK EC4A 4AD

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T: +44(0) 20 7332 9900 W: www.gasstrategies.com Twitter @GasStrategies



Editorials

+44(0) 20 7332 9957 editor@gasstrategies.com

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Buckle up: Aviation commits to net zero but sustainable solutions still in short supply

According to the International Energy Agency (IEA), the share of aviation in the world's energy-related CO2 emissions stood at 2% in 2022, while its share within the transport sector – which emitted 7.63 Gt CO₂ that year – was 10%, behind road transport (77%) and shipping (12%) and ahead of rail (1%).

Despite the sector's relatively small share of emissions, aviation is considered hard to abate due to aircraft having a long lifespan – typically up to 30 years – but also because sustainable aviation fuel (SAF), seen as key in helping decarbonise aviation, remains expensive and in short supply.







+44 (0) 20 7332 9900 consult@gasstrategies.com



Alphatania Training

+44 (0) 20 7332 9910 training@gasstrategies.com



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