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Dr. Andreas Petrikat is Senior Research Analyst at NATS, the Air Navigation Service Provider of the United Kingdom. He leads the environmental research portfolio and strategy and is responsible for directing concept development from the ANSP perspective on the SESAR GEESE and CICONIA environmental flagship projects, which are investigating wake energy retrieval and non-CO2 mitigation, respectively.

Due to his engagement in CICONIA and academic background, he collaborates on policy making matters and industrial government advisory with senior colleagues at NATS, and is involved in working groups on Non-CO2 emission topics initiated by the UK government's Department for Transport.

Andreas has been working within the NATS R&D department for more than five years, covering a variety of topics such as optimised wake separation schemes for approach and departure operations as well as advanced wake encounter modelling techniques. Prior to joining NATS, he obtained his PhD at the University of Southampton in the Airbus Noise Technology Centre, researching turbulence development and aerofoil leading edge interaction noise.