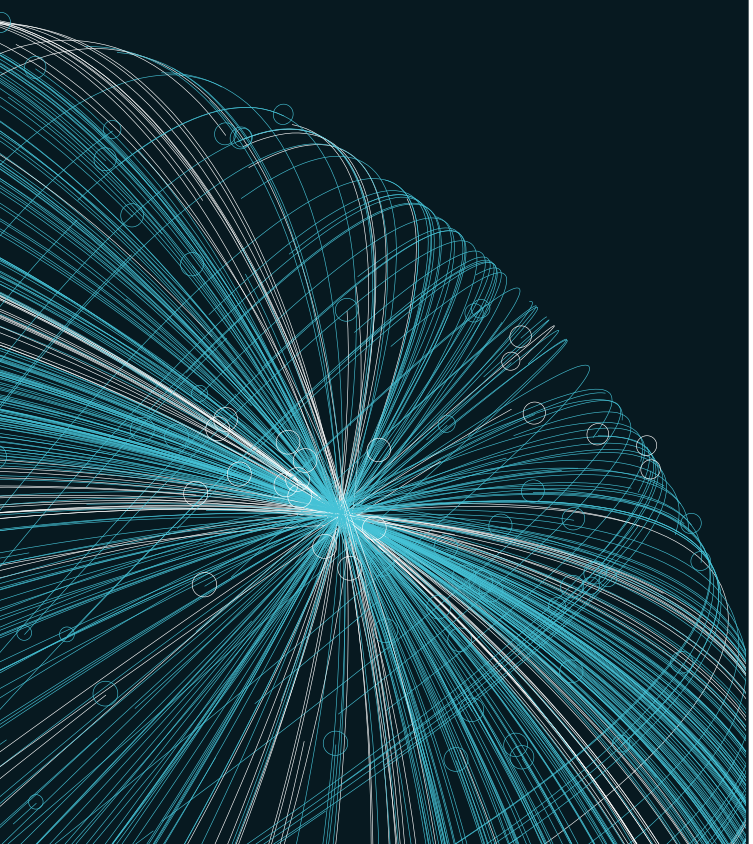
NATS

Clarity

A clear vision to a more sustainable future



What is Clarity?

Clarity is NATS' environmental tool and advisory service that helps airports make informed, evidence-based decisions that balance growth with achieving sustainability targets.

It enables greater collaboration with airport stakeholders and empowers them to make changes that contribute to the reduction of CO_2, noise and particulate emissions within airside operations and terminal airspace.

By combining expert ATC analysis with environmental modelling, Clarity turns complex data into interactive visualisations, enabling airports to move from fragmented discussions to shared, data-driven decisions that support credible, coordinated sustainability strategies about future sustainability investments.



The Sustainability Challenge

Airports worldwide are committed to achieving Net Zero by 2050. Even as the focus on emission reduction grows, sustainability can still feel in competition with operational demands and finite resources.

Finding, measuring and investing in the most impactful ways to meet targets is not easy. With Clarity, airports can balance growth with achieving sustainability targets.

Benefits

Guides investment

Leveraging our specialist ATC experience, Clarity models the environmental and operational impact of initiatives to support balanced, long-term or financial decisions.

Aligns teams

Enables cross functional collaboration and planning by revealing CO_2, noise and particulate emissions through visualisations and modelling.

Informs planning

Use evidence-based insights to prioritise initiatives and inform the most impactful roadmap.

Improves reputation

Enhance your environmental reputation with the airport community, passengers and local communities by demonstrating actions towards environmental targets.

Features

Data visualisation

Compares change or investment scenarios using interactive, animated visualisations.

Quantifies emissions

Quantifies emission savings of combined or singular initiatives over time.

Interrogates data

Interrogates singular or combined initiatives to understand their impact over time.

Establishes baselines

Calculates a baseline for environmental performance to demonstrate the impact of current initiatives, or the potential impact of planned investments, over time.

Adapts to data sources

Adapts to any size airport and available data sources, for example, electronic flight strips, ground or airborne surveillance data, flight procedures.

Scan here to talk to one of our experts.

Related products

Airport Capacity Enhancement
A powerful diagnostic service that helps you unlock your operation's true potential.

Intelligent Stand Manager
An advanced AI-driven stand allocation system that creates dynamic, optimised plans in minutes.

Strategic Airport Capacity Manager
A scheduling tool that supports decision making and fine tunes schedules, 6+ months in advance.

CLARITY INTERFACE



NATS

How can we help you?

Get in touch with **products@nats.co.uk** to understand which of our products can unlock the true potential of your operations. We have teams based around the world to help you.