



CANSO Members creating capacity in Europe.

CANSO is the global voice of air traffic management and together CANSO Members work to address key industry issues and champion innovation. With air traffic in Europe at an all time high – with traffic growth in 2018 outstripping estimates for most air navigation service providers (ANSP) – CANSO ANSP Members in the region are implementing a range of measures to accommodate rising demand and create much-needed capacity, both now and in the future.

CANSO Member: NATS

NATS is making the skies an even safer and more efficient environment for flying. This means that NATS is making the skies a better place to fly.



Air traffic in the UK



Actual traffic growth in terms of en-route service units **increased 13.9%** during 2014-2019 (RP2), which is 4.5% higher than the RP performance plan forecast.



113,700 tonnes of fuel savings enabled in 2018



2.54 million flights in 2018



99% of flights not subject to a delay in 2018

How NATS is improving capacity

Measures to improve domestic capacity – now to two years



Airspace changes

1. Making the most of our longstanding commitment to Flexible Use of Airspace (FUA), a co-operative approach where some sections of airspace are shared by civil and military air traffic
2. Airspace improvement programme has sought to address some of these capacity constraints by reducing complexity and increasing efficiency through systemisation
3. Our Airspace Capacity Management team plays a big part, working with partners from across Europe and our customers to ensure that the airspace is optimised to minimise delay and maximise efficiency, using a collaborative decision-making process



Technology

1. Deployed enhanced Time Based Separation (eTBS) at Heathrow Airport, helping the airport set a new movement record; ensuring local communities are less affected by late running arrivals; and benefitting the wider European network given the wider impact of the airport's operation
 2. Implemented a new electronic computer display system, (ExCDS), which simplifies coordination between air traffic controllers and introduces a conformance monitoring tool. It has improved safety, reduced fuel burn and resulted in record levels of traffic with minimal delay
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Measures to improve domestic capacity – three to five years

1. Transforming our Flight Data Processing and controller working positions and tools
2. Delivering Free Route Airspace and systemisation, of our airspace, providing sustainable capacity and efficiency, while facilitating an additional runway at Heathrow
3. We will deploy our arrival management system, currently in use at Heathrow and Gatwick, at Stansted and Prestwick Centre to reduce stack holding and improve fuel efficiency
4. We will continue to recruit and train controllers throughout RP3 to make sure we continue to deliver the service our customers need as traffic grows