



TOWARDS GREENER AND MORE RESILIENT ATM

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Europe for Aviation Stand, World ATM Congress 2022

Madrid, 21 June 2022

SESAR as key driver



***SESAR** is one of most important tools to drive greener ATM in the coming years*

Technology is there but alone is not enough we need to work together, to **work as one**

that's the only way to make sure investments are accelerated, defragmented, and synchronised





*coordination of CP1 investments already led to **shorter flight paths**, less **fuel** and **CO₂** emissions through our work, ATM is already becoming greener but we have to **renew our ambition***














***Free Route** is an example of how technology can help bringing us closer to “optimum flights”*



The next step is to go for cross-border Free Route in all Europe

Achievements and plans: the benefits



| 2014 – 2030 benefits | First 229 closed projects | All projects coordinated by SDM | Full CP1 scope |
|--|--|---|--|
|  Passengers' time (delays reduction and shorter flight times) | 94 mln minutes  | 245 mln minutes (equivalent to 2.3 mln additional average flights)  | 320 mln minutes (equivalent to 2.9 mln additional average flights)  |
|  Jet fuel savings (more efficient ground and air operations) | 1.1 mln tons of jet fuel  | 2.9 mln tons jet fuel (equivalent to 455.000 flights with no additional fuel burnt)  | 3.3 mln tons di jet fuel (equivalent to 520.000 flights with no additional fuel burnt)  |
|  CO₂ reduction (less jet fuel burnt means less emissions) | 3.4 mln CO ₂ tons  | 9.0 mln CO ₂ tons (equivalent to planting 18 mln trees)  | 10.4 mln CO ₂ tons (equivalent to planting 21 mln trees)  |
|  Overall performance benefits | € 4.7 billion  | € 12 billion  | € 15.7 billion  |

NB. Performance improvements are calculated taking into account the **impact of Covid-19 crisis based on the latest traffic forecasts** (i.e., decrease in traffic volumes and postponement of investments). Furthermore, **all financial values are undiscounted**



Modernising Air Traffic Management As One



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