



TOWARDS GREENER AND MORE RESILIENT ATM

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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
 <p>Passengers' time (delays reduction and shorter flight times)</p>	<p>94 mln minutes</p> 	<p>245 mln minutes (equivalent to 2.3 mln additional average flights)</p> 	<p>320 mln minutes (equivalent to 2.9 mln additional average flights)</p> 
 <p>Jet fuel savings (more efficient ground and air operations)</p>	<p>1.1 mln tons of jet fuel</p> 	<p>2.9 mln tons jet fuel (equivalent to 455.000 flights with no additional fuel burnt)</p> 	<p>3.3 mln tons di jet fuel (equivalent to 520.000 flights with no additional fuel burnt)</p> 
 <p>CO₂ reduction (less jet fuel burnt means less emissions)</p>	<p>3.4 mln CO₂ tons</p> 	<p>9.0 mln CO₂ tons (equivalent to planting 18 mln trees)</p> 	<p>10.4 mln CO₂ tons (equivalent to planting 21 mln trees)</p> 
 <p>Overall performance benefits</p>	<p>€ 4.7 billion</p> 	<p>€ 12 billion</p> 	<p>€ 15.7 billion</p> 

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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