

AVIATION CO₂ REDUCTIONS



STOCKTAKING SEMINAR

TECHNOLOGY · OPERATIONS · SUSTAINABLE AVIATION FUELS



Boosting Innovation and Implementation

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Partner Relations Director

Solar Impulse Foundation



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Marie-Helene Morvan

Delegate transversal projects CSR
and Environment – Air France



SOLARIMPULSE
FOUNDATION

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Investing in research and innovation for credible alternatives

Air France and the Solar Impulse Foundation are joining forces in order to accelerate the adoption of clean and profitable technological solutions in aviation.

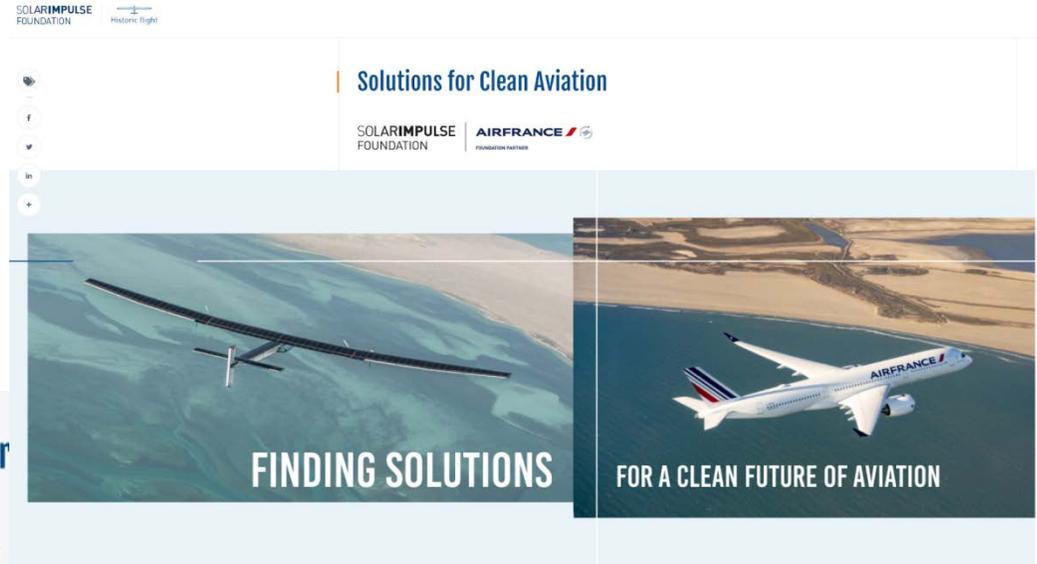
The Partnership will identify and promote technologies which positively impact the reduction in carbon emissions, waste and noise.

All identified clean, efficient and economically feasible solutions will:

- 1. Be made available to the aviation industry to build a more sustainable future**
- 2. And Air France is committed to implement those which are relevant to its activities**

Clean Aviation Portal

Joining forces to accelerate the adoption of **clean and profitable** technological solutions!



03. Solutions —
What type of solutions are looking for?



Carbon footprint
 Nurturing the benefits of aviation while reducing, offsetting its environmental impact



Cabin waste management
 Alternatives to single use plastics and circular economy and inflight service



Efficiency (fuel, weight, processes)
 Improving performance and reducing fuel consumption



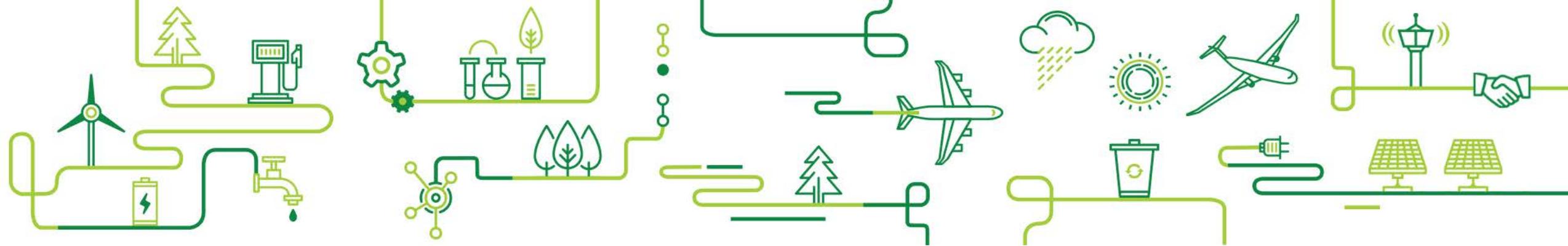
Clean ground operations
 Alternative equipment and processes for airport and aircraft operations



Noise reduction
 Technologies and solutions reducing the noise footprint of aviation



Aviation and new energies
 The future of aviation starts here !



CLEAN AVIATION FOCUS

In-Flight Services	Airlines Operations	Clean Ground Operations	Flight Efficiency	Aircraft Structure Efficiency	New Energies	Future of Aviation
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Eligibility criteria to join the 1000 Efficient Solution Label

Environmental benefits

The Solution must most generate a positive impact on the environment measurable against its counter part used today

Technological feasibility

The Solution must have reached the technical maturity of a prototype at scale 1:1 in a test environment – corresponding to TRL6 - 7.

Profitable model

The Solution must be already commercialized or aimed for commercialization



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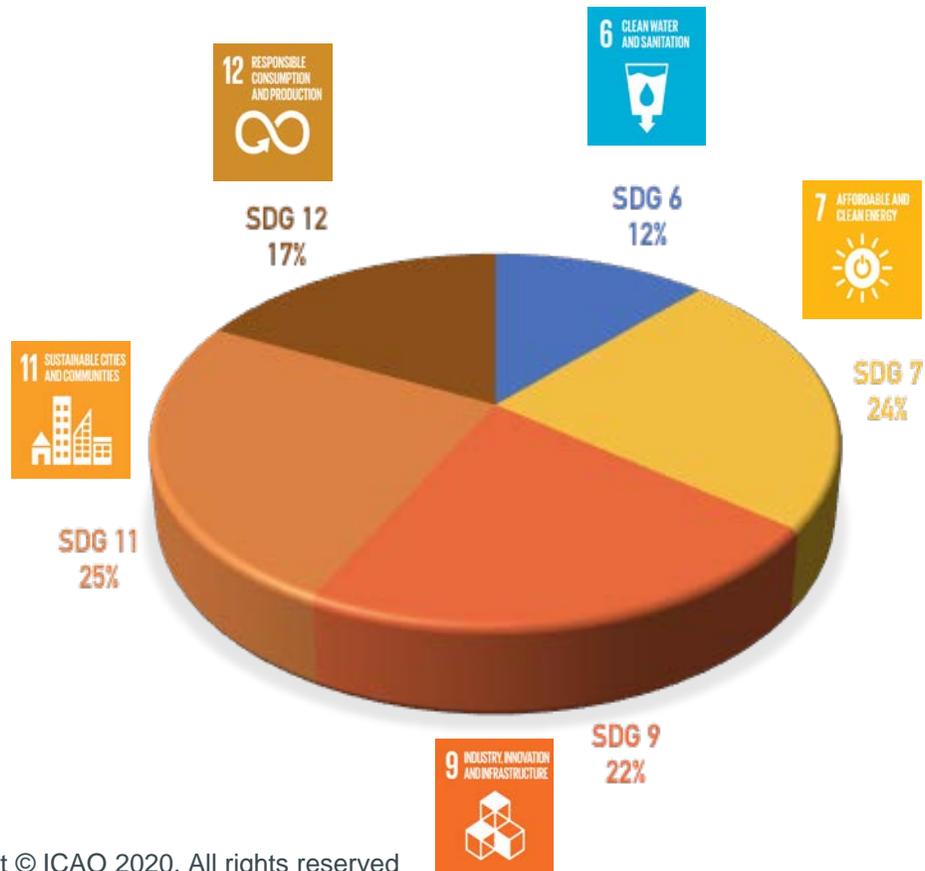
Join us on our Clean Aviation portal



solarimpulse.com/air-france



Solar Impulse Foundation in numbers



labelled Solutions today **696**



Solutions Under assessment **306**



Labelled Solutions per month **30-40**



Solutions at a commercial stage **75%**

Thank You

