

ATR Low-Carbon Strategy



Climate change is one of the greatest challenges of our time.

In line with its values and environmental policy, and to achieve the **aviation industry's goal of net-zero carbon emissions by 2050**, ATR has defined a low-carbon strategy to address the impact and consequences of climate change.

ATR wants to remain at the cutting edge of technology and sustainability, building on its environmental credentials.

To reduce its contribution to climate change, **ATR is committed to reducing its greenhouse gas emissions in alignment with the 1.5°C target set by the Paris agreement**, setting the following objectives:

Objectives

Emissions related to operational/production activities representing only a small percentage of emissions in the life cycle of an aircraft, ATR considers that its main challenge is to reduce the emissions caused by the use of sold ATR products and to a smaller extent by the purchase of goods and services ("scope 3" of indirect emissions according to the Greenhouse Gas Protocol).

SCOPES 1 & 2

Direct and indirect emissions related to our internal operations

1

Reduce our operational CO₂ emissions by 50% by 2030 compared to 2018 levels (in absolute values), with an intermediate target of -30% by 2025

2

Neutralise residual emissions of scopes 1&2 by permanent removal / sequestration by 2030

SCOPE 3

Other indirect emissions

1

Continue the carbon assessment of Scope 3, starting with the categories "use of sold product" and "purchased good and services" in order to disclose results by 2023

2

Determine CO₂ reduction targets for scope 3 (Use of Sold Product) in line with the *Science-Based Targets initiative (SBTi)*

3

Submit our targets to the Science Based Targets initiative in 2023 in view of being certified

4

Continue to neutralise ATR's business travel emissions

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Action plan

SCOPES 1 & 2



Improving the energy efficiency of ATR buildings



Transitioning to an electric vehicle fleet as part of a responsible travel policy



Using renewable energy sources



Using Sustainable Aviation Fuels (SAF) in our operations by 2022



Substituting the most emissive refrigerant gases

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SCOPE 3

To contribute to the aviation industry's goal of net-zero carbon emissions by 2050, ATR is committed to offering the most responsible aircraft on the market:



Using SAF

- **Working with all necessary stakeholders including its engine manufacturer, to ensure its current aircraft are certified to safely fly with 100% sustainable aviation fuel by 2025** (up to 80% lower net CO₂ emissions) with an intermediate objective: performing a first test flight with 100% SAF by the end of Q2 2022
- **Setting up partnerships with energy producers** to progress on the 100% SAF certification
- **Liaising with relevant authorities to ensure availability of SAF for regional aviation**



Improving technology

- **Accelerating our eco-design initiatives, using Life-Cycle Assessment⁽¹⁾ studies when relevant:** 50% of new products developed with eco-design requirements by 2025
- **Continuously and incrementally improving the efficiency of our aircraft:**
 - Step 1** PW127XT engine: -3% Specific Fuel Consumption (and therefore CO₂ emissions) in 2022 (Entry Into Service)
 - Step 2** Enhanced engine/propeller technologies and systems to further reduce the carbon footprint (20% reduction in CO₂ by 2030) with hybrid capabilities
 - Step 3** Exploring any other disruptive propulsion technology, such as hybrid solutions, and being ready to implement them when available and viable (expected reduction of CO₂ emissions of 40% by 2035/2040)

Note: all figures are compared to the current aircraft equipped with the PW127M, without taking SAF into account.



Improving Operations

- **Implementing the latest Air Traffic Management innovations**
- **Integrating any further functionalities enabling to optimise the flight management process** while reducing carbon emissions to a minimum
- **Developing new services to help ATR operators reduce their fuel consumption,** and therefore their carbon emissions

¹ A cradle-to-grave or cradle-to-cradle analysis technique to assess environmental impacts associated with all the stages of a product life

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SCOPE 3

To reinforce the engagement of its supply chain on environmental challenges

ATR is committed to driving the engagement of its suppliers and partners towards a low-carbon footprint approach. To this end, ATR sets the following objectives:



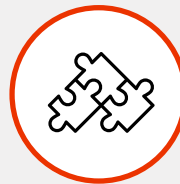
Engaging its Supply Chain through a “Supplier Code of Conduct” including concrete commitments for a sustainable approach



Finding, with relevant suppliers, ways to improve its Scopes 1 & 2 carbon footprint in line with ATR’s ambition



Performing a supplier risk mapping to **identify the most emissive suppliers**



In line with the eco-design approach described above, **cascading the requirements towards its relevant suppliers**



Agreeing on carbon emissions reduction objectives with suppliers to ensure alignment with ATR’s ambition, in particular for the most emissive

This roadmap may be subject to changes depending on achievements as well as on availability and maturity of technologies.