

# REDUCING THE NOISE FOOTPRINT OF THE PARIS AIRPORTS

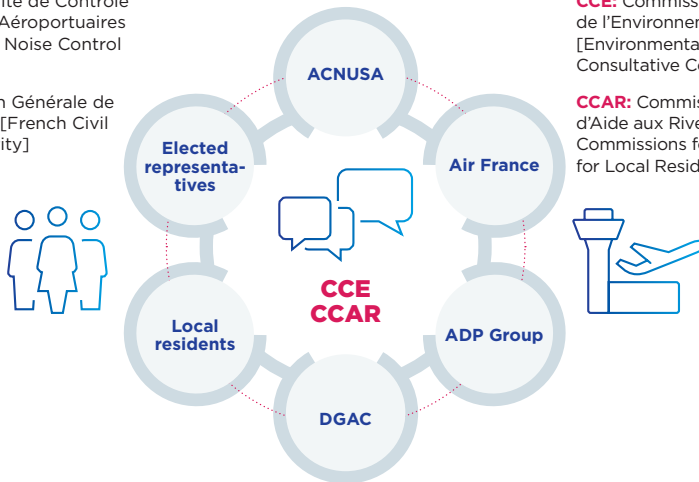
Air France is committed to limiting its noise footprint. The company is constantly consulting local residents, representatives from the surrounding communities, and airport and air navigation authorities in dedicated bodies and workgroups, particularly the Environmental Consultative Committees under the aegis of the French departmental prefect. Our approach is to implement compromise solutions that are sustainable for Air France and satisfactory to the local residents.

**ACNUSA:** Autorité de Contrôle des NuisanceS Aéroportuaires [French Airport Noise Control Authority]

**DGAC:** Direction Générale de l'Aviation Civile [French Civil Aviation Authority]

**CCE:** Commissions Consultatives de l'Environnement [Environmental Consultative Committees]

**CCAR:** Commissions Consultatives d'Aide aux Riverains [Consultation Commissions for Assistance for Local Residents]



**Air France has acted on a number of the measures** identified in the PPBEs (Plans de Prévention du Bruit dans l'Environnement [French Environmental Noise Prevention Plans]):



Assistance in **soundproofing homes** (TNSA (Taxe sur les Nuisances Sonores Aériennes [French Noise Tax]))



**Fleet replacement**



New **operating procedures**



Greater scrutiny on **nighttime activity**



## SOUNDPROOFING HOMES THANKS TO THE NOISE TAX

Air transport is the only sector to fully finance a **comprehensive noise pollution reduction system** through the French Noise Tax (TNSA).

€812 million

allocated since 2004 to soundproof homes in France.

€16.3 million

in 2022, some 48% of the total of all companies combined.



## REDUCED NOISE EMISSIONS THANKS TO NEW OPERATING PROCEDURES

Air France is exploring and applying new flying methods to reduce noise while maintaining air traffic safety and flow:

More widespread use of continuous descents

Optimized takeoff procedures

Limited use of auxiliary power units

Engine-off taxiing



## REDUCING THE NOISE FOOTPRINT THROUGH FLEET REPLACEMENT

The introduction of new aircraft (A220, A320neo, A350) is the main driver in reducing noise pollution (**by 34% to 50%**). The Air France Group invests over €1.5 billion a year in fleet replacement.

70%

new-generation aircraft in 2030 for Air France (7% in 2021, 30% in 2023, 45% in 2025).

100%

of the Transavia fleet replaced by 2030 (first plane delivered in 2023).



## GREATER SCRUTINY ON NIGHTTIME ACTIVITY

Nighttime activity is still necessary for a hub model, particularly when it comes to managing hazards. Air France is nevertheless committed to reducing its nighttime noise footprint.

The group is actively working to limit activity in the middle of the night. An action plan has been implemented:

- **Cessation of night flights** since April 2022 (Beijing, Tunis, Tokyo, Tel Aviv).
- **Operational measures** in particular, a respect for on-time departures and arrivals.
- Scheduling changes for flights more likely to require **nighttime operations**.
- Since the plan was introduced in 2019, Air France has been able to **halve the number of scheduled nighttime arrivals** since 2018, reaching 80% in 2022.



Find out more at [www.airfranceklm.com](http://www.airfranceklm.com)