

AIRPORT'S GROUND OPERATIONS ELECTRIFICATION



Montpellier Airport is engaged for its ecological transition : focus on the electrification of the aircraft parking stands.

Aircraft energy need at the gate :



GREENER SOLUTIONS

INSTALLATION OF ELECTRICAL SUBSTITUTION SYSTEMS INSTALLED OVER 3 PHASES FROM 2022 TO 2025

- Electricity distributed directly from grid to aircraft ("400Hz" station), resulting in the removal of diesel-powered generators (GPU).
- AC units providing conditioned air directly to aircraft ("PCA"), preventing the use of onboard engine (APU).
- A new charging station for Ground Service Equipment and vehicles, gradually replaced by electric models.



ENVIRONMENTAL AND ECONOMICAL IMPACTS

THIS PROJECT WILL

SAVE

75 000 LITERS OF DIESEL FUEL

200 000 LITERS OF KEROSENE

+1000 TONS OF CO2 EMISSIONS PREVENTED A YEAR

REDUCTION OF AIR POLLUTANTS EMISSIONS (FINE PARTICLES, NITROGEN OXYDES, ...)

LESS NOISE (NOISELESS ELECTRIC SYSTEMS)

Montpellier airport purchases green energy certified by guarantee of origin, further reducing the environmental impact of these new systems. By 2027, a new solar farm will allow the airport to self-produce the energy needed to power these systems.

This project is financed by the European Union through its "Connecting Europe Facility" funding programme, aiming at, amongst others, decarbonating transports and promoting alternative fuels infrastructure. The project was granted more than 1 million euros EU-funding and is also cofinanced by Banque des Territoires and Montpellier airport.