

AIRPORT CHALLENGE

Without reliable and actionable data, APU and engine emissions are underestimated. This information gap delays airports decarbonization and corrective actions.

SOLUTION

- **Track APU and engine run-time** (from landing to parking and through takeoff)
- **Attribute emissions per flight** (CO₂, NO_x, HC, CO, SO_x, PM, UFP)
- **Real-time alerts** to cut unnecessary run-time to inform pilots and handlers
- **Dashboards and reports** for reduction plans, compliance and ESG reports
- **Support for change** to drive best practices adoption

RESULT

- **Lower footprint**, faster decarbonization
- **Less air and noise pollution** (better health and working conditions for teams)
- **Optimized ground operations** (turnaround and safety)
- **Higher adoption of PCA and 400Hz**

NCE - 2025

