

FORUM25

Integrated Environmental Strategies for Every Airport Challenge

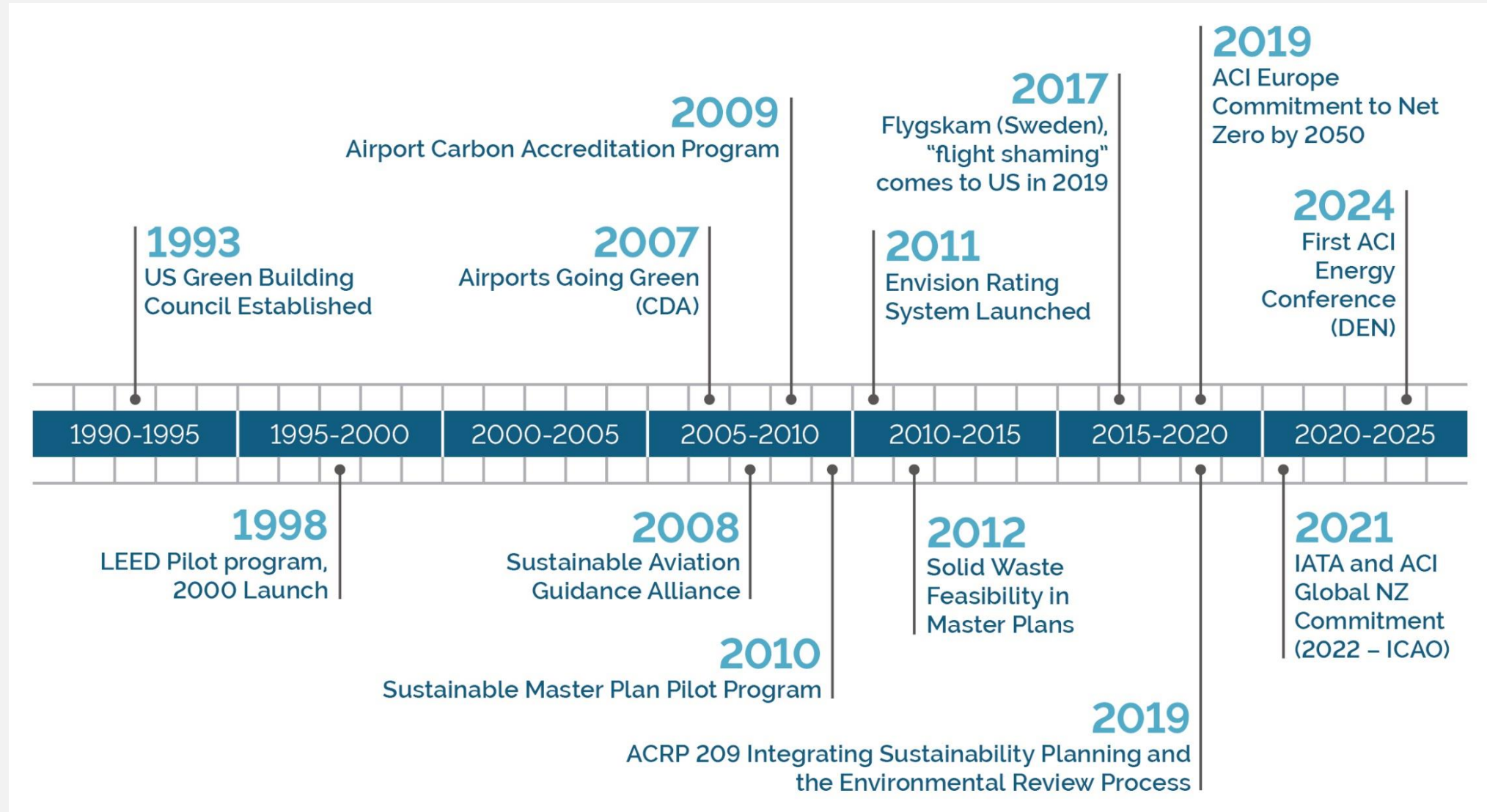
US Perspective



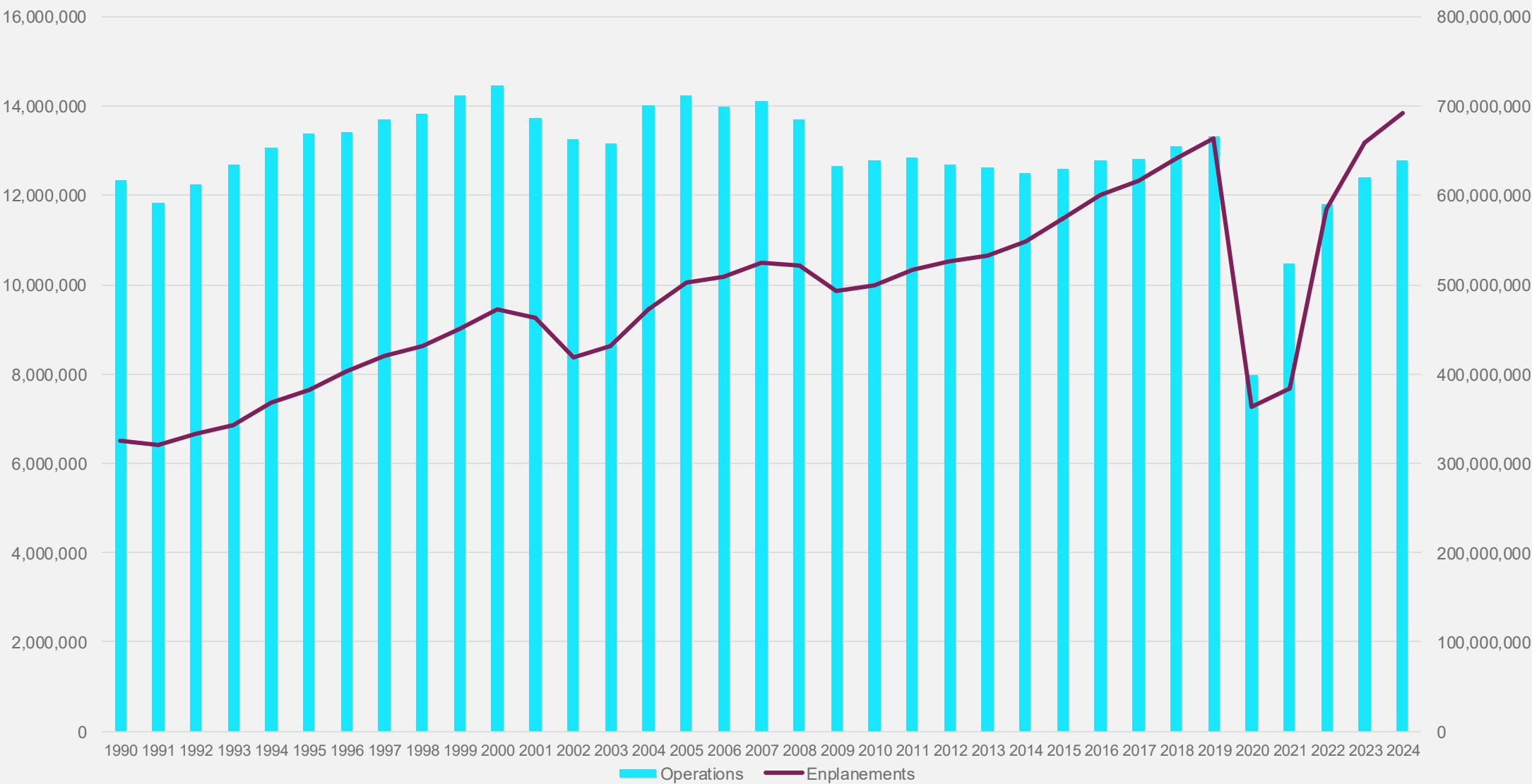
Mike Arnold

Senior Vice President, Aviation
Market Lead, ESA

US Sustainability Timeline



Evolution of Activity at US CORE 30 Airports



US Airport Carbon Snapshot

2050 Net-Zero Goal

- Carbon Accreditation
 - 62 US Airports (of approximately 640 worldwide)
 - ~45 Commercial Service Airports
 - Half at Level 3+

Focus areas

- Energy Efficiency/Renewables
- VALE/ZEV
- SAF
- Electric/Hydrogen Research



A few US Airport Environmental Challenges

Air Quality

- Lead
- Ultrafine Particulates

Noise

- Post COVID Rebound
- Noise Complaint Volume/Automation
- Failure of SLR Materials
- Stalled Noise Policy Evolution

Water

- PFAS/Forever Chemicals



LAWA Mitigation Monitoring and Reporting Program (MMRP)

Cloud Based Compliance Reporting and Tracking System

- Tracks project commitments at both LAX and Van Nuys
- ~600 mitigation measures
- Real time upload of data and reporting
- Credibility and trust with agencies and stakeholders

