env-isa

TRAINING CATALOGUE

YOUR PARTNER TOWARDS NET ZERO

2025

Exclusive
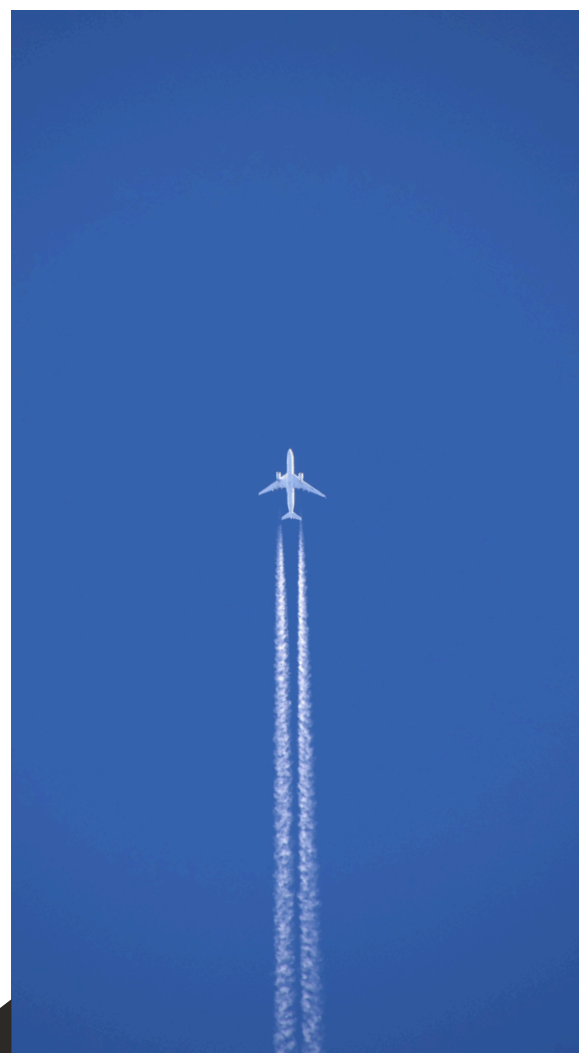## COURSES
rooted in science,
driven by innovation

env-isa

ABOUT US

Env-isa, established in Paris in 2004, is a pioneering company that focuses on understanding and addressing the environmental impacts of aviation — while also supporting sustainability efforts in the broader fields of tourism and mobility. Headquartered in Paris and Milan, Env-isa operates across four continents and works closely with airports, airlines, public authorities, and international organisations. Trusted worldwide, the company has become a go-to partner for major European aviation institutions.

Renowned for conducting strategic studies, developing tools and datasets, and contributing to the creation of performance indicators, Env-isa plays a pivotal role in shaping environmental sustainability within the aviation industry.

Thanks to its international reach, Env-isa delivers innovative solutions and drives positive change across both European and global contexts.

Building on this expertise, Env-isa shares its knowledge through specialised and expert training programmes that drive change and help reduce operational and environmental impacts across industries.

CEO WORD

At Env-isa, we believe that sustainability — in aviation and all related sectors — requires both strategic depth and local sensitivity.

For over two decades, we've combined environmental expertise with operational insight to help aviation stakeholders meet the demands of a rapidly evolving landscape. Our mission is to deliver smart, adaptable solutions that respect the planet, serve communities, and support long-term growth across borders. We're proud to be shaping the future with our clients.

CEO
Ayce Celikel

Environmental Engineer

Proven international experience in environmental aviation, delivering tailored, science-based, innovative solutions that align global sustainability goals with local community needs.

Trusted by European institutions, with a track record of strategic studies, impact assessments, scientific research, and tools driving sustainable change in aviation.

ESG Strategies & Reporting

Local Air Quality Management

Dashboards & Tools

Noise Management

Researches & Innovations

Carbon Management & Decarbonisation and Offsetting Strategies

Sustainable Aviation Fuel

Carbon Reduction Management

Delivery Mode*

Classroom or Online

Duration*

3 Days | 3 Hours per Day

Language

English - French - Spanish

Course Overview

As airports work toward carbon reduction, understanding the Airport Carbon Accreditation (ACA) programme and the Greenhouse Gas (GHG) Protocol is essential. This course provides an overview of ACA levels, accreditation processes, and cost implications, helping participants assess their airport's readiness. Participants will learn how to map carbon footprints, collect and verify data, and implement feasible reduction measures. The course also introduces key carbon and energy reduction concepts.

Target Audience

- Senior Executives
- Environment Managers and Officers
- All interested parties

Learning Objectives

- Learn to prepare and submit the ACA application (Levels 1 & 2)
- Identify required data and guide airport departments
- Advise management on ACA's impact on green credentials
- Importance of awareness in carbon management ("Scope Carbon" Card Game created by Env-isa for offline training)

Key Topics

- Understand the ACA programme and its framework
- Learn ACA levels, accreditation, and costs
- Develop carbon footprint mapping and reduction strategies
- Manage ACA data collection and verification
- Advise on ACA benefits for sustainability

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TRAINING

Noise Management at Airports

Delivery Mode*

Classroom or Online

Duration*

3 Days | 3 Hours per Day

Language

English - Italian

Course Overview

Historically, aircraft noise has been recognized as being a significant side effect of aviation due to its impact on populations living in the vicinity of airports. This course aims to provide participants with a comprehensive overview of noise management at airports, covering the fundamentals of aircraft noise, the regulatory frameworks governing it, as well as best practices for effective noise management.

Target Audience

- Airport Environmental Specialists
- Aviation Environmental Officers
- Airport Operations Managers

Learning Objectives

- To provide insight into aircraft noise
- To provide best practice on how to manage noise at airports
- To be a workshop for discussion and knowledge sharing

Key Topics

- Background: Basics of aircraft noise, impact and health effects
- Noise regulatory frameworks
- Noise management: ICAO's Balanced Approach
- Noise modelling
- Case studies

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TRAINING

Aviation Sustainability Strategy

Delivery Mode*

Classroom or Online

Duration*

3 Hours per Day

Language

English - French - Turkish

Course Overview

This course provides a comprehensive introduction to aviation environmental strategy, equipping participants with the knowledge and tools to design and implement effective sustainability initiatives. It explores key concepts, strategic frameworks, and real-world case studies to illustrate best practices. Participants will gain insights into addressing major environmental impacts of aviation while ensuring stakeholder engagement, regulatory compliance, and alignment with broader sustainability goals.

Target Audience

- Aviation Professionals
- Airline sustainability teams
- Regulatory & compliance officers
- All interested parties

Learning Objectives

- To understand the core principles of sustainability in aviation, including environmental, social, and economic aspects.
- To develop a structured and science-based sustainability strategy tailored to their organization's needs.
- To analyse real-world case studies to extract best practices and lessons learned.

Key Topics

- Understanding Sustainability in Aviation – Key drivers, global frameworks (GHG Protocol, ICAO, etc.), and regulatory landscape.
- Implementing & Managing a Sustainability Strategy – Overcoming challenges, engaging stakeholders, and measuring progress.
- Case studies

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TRAINING

Air Quality Management at Airports

Delivery Mode*

Classroom or Online

Duration*

3 Days | 3 Hours per Day

Language

English - Italian

Course Overview

Airport activities contribute to the emission of pollutants, which can deteriorate the air quality affecting both the airports' workers and the surrounding environment. This course aims to help participants to identify emission sources at their airports, understand the regulatory frameworks as well as to provide guidance on what airports can do to manage their air quality challenges effectively.

Target Audience

- Airport Environmental Specialists
- Aviation Environmental Officers
- Airport Operations Managers

Learning Objectives

- To provide insight on the most common air quality issues at an airport
- To provide best practice on how to manage air quality at airports
- To be a workshop for discussion and knowledge sharing

Key Topics

- Background: Air quality principles, source of pollutants emission at an airport
- Air quality regulatory frameworks
- Air quality management at an airport: ICAO Doc9889
- Air quality modelling
- Case studies

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TRAINING

Introduction to Corporate Sustainability and ESG

Delivery Mode*

Classroom, Online or Hybrid

Duration*

3 Days | 4 Hours per Day

Language

English - French

Course Overview

In today's corporate world, sustainability and ESG (Environmental, Social, and Governance) challenges are no longer optional—they are essential, especially in the aviation industry. This course offers a thorough understanding of how sustainability and environmental, social, and governance challenges are managed within a corporate setting. Case studies and best practices related to the aviation sector will be shared.

Target Audience

- Aviation professionals
- Sustainability experts
- Environmental specialists

Learning Objectives

- To provide insight into sustainability strategies and key principles
- To explore practical tools for effective implementation
- To examine main standards for sustainability reporting
- To identify approaches to avoid greenwashing

Key Topics

- Introduction to Sustainability and ESG
- Different concepts of Sustainability in Business
- Introduction and Main Standard of Sustainability Reporting
- Understanding Greenwashing

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Climate Fresk

CL!MATE FRESK

Delivery Mode*

Classroom

Duration*

3 Hours

Language

English - French

Course Overview

Climate Fresk is one of the most comprehensive training addressing the urgent need to understand and respond to climate change. In today's world, it is crucial for individuals and organizations to be equipped with the knowledge and tools necessary to navigate the challenges of a rapidly changing climate. Climate Fresk training provides a valuable opportunity to gain insights into the intricate web of causes and consequences related to climate change, fostering a deeper understanding of its impact on the environment and society.

Target Audience

- Aviation Professionals
- Anyone interested in understanding climate change and its impact

Learning Objectives

- Encourage collaboration to tackle global climate challenges
- Equip airport personnel with knowledge to make sustainable choices and take action on climate change
- Support the development of strategies to reduce carbon emissions
- Strengthen corporate social responsibility efforts

Key Topics

- Understanding and responding to climate change
- Key challenges for individuals and organisations
- Causes and consequences of climate change and its impact on the environment and society

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TRAINING

Collaborative Sustainability Partnerships (CSP)

Delivery Mode*

Classroom - Online

Duration*

2 Days | 3 Hours per Day

Language

English - French

Course Overview

The effective sustainable development of any Airport requires the engagement and collaboration of ALL stakeholders in a Collaborative Sustainability Partnership (CSP). CSP is a facilitative platform guiding participants on managing sustainability challenges with cooperation. Using case studies, participants will learn how interdependencies and trade-offs shape decisions, enhancing internal sustainability efforts before engaging external stakeholders. The course also covers communication strategies with regulators, local authorities, communities, and businesses to support voluntary initiatives and compliance.

Target Audience

- Aviation Professionals
- Sustainability Leaders
- All Interested Parties

Learning Objectives

- Developing Sustainability Road Maps linking Ops, Finance and Management
- Linking Ops and Management for ACA Implementation
- Linking airport operations with bio-diversity and tourism
- Top management buy-in and facilitating ESG Compliance Reporting
- Training and awareness to involve all the value chain at the airports/Regions

Key Topics

- Sustainability challenges and stakeholder roles
- Analyzing requirements, outcomes, and benefits
- Carbon reduction interdependencies and resource assessment
- Case studies on collaboration and best practices

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TRAINING

AIRPORT ENVIRONMENTAL MANAGEMENT SYSTEM

Delivery Mode*

Classroom - Online

Duration*

Tailored to specific needs

Language

English - French

Course Overview

This course will cover the scoping, justification, design, and implementation requirements of a cost- effective Environmental Management System (EMS) by an AirportOperator to cover their entire airport(s). The EMS module will follow the principles of ISO 140001(and family). The EMS module will cover the most common, significant environmental and sustainability-related risks and impacts found at an airport.

Target Audience

- Senior Executives
- Safety & Security
- Environmental Practitioners
- Industry
- All interested parties

Learning Objectives

- To identify, assess and evaluate the significance and causes/sources of key environmental impacts and associated costs and risks at their airport(s)
- To develop and implement the most cost-effective environmental and sustainability policy, strategy and integrated EMS to ensure priority impacts are systematically and cost-effectively managed in accordance with corporate and business priorities of their airport(s).
- To manage the environmental impacts and risks posed by the third parties using the airport site(s).

Key Topics

- Understanding EMS
- Links to ISO 14001 and family
- An Integrated EMS
- Case Studies

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TRAINING

Scope Carbon

Delivery Mode*

Classroom

Duration*

2 Hours

Language

English - French

Course Overview

Scope Carbon is an exclusive and interactive card game designed to creatively raise awareness about the relationship between carbon emissions and environmental impact. This training offers a dynamic, playful, and hands-on experience that deepens participants' understanding of carbon-related challenges while fostering engagement across all ages and backgrounds. It empowers individuals and organisations with a realistic and accessible tool to inspire informed action toward a more sustainable future.

Target Audience

- Aviation Professionals
- Sustainability Leaders
- All Interested Parties
- Corporate teams

Learning Objectives

- Foster understanding of the environmental impact of carbon emissions
- Encourage individual and collective action towards sustainability
- Provide a unique and impactful Corporate Social Responsibility (CSR) experience
- Strengthen climate advocacy through inclusive and engaging education

Key Topics

- The link between carbon emissions and environmental degradation
- Carbon footprints and their societal impact
- Actionable strategies to reduce emissions
- Education, engagement, and advocacy for climate-positive change

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Event Sustainability

Delivery Mode*

Classroom - Online

Duration*

3 Days | 3 Hours per Day

Language

English - French - Turkish

Course Overview

This training offers a comprehensive exploration of sustainability in the context of events, highlighting their environmental, social, and economic impacts. It introduces key principles and tools to design and deliver responsible events—aligned with the Sustainable Development Goals and inspired by frameworks such as ISO 20121. From logistics to communication, including sustainability storytelling, the course empowers professionals to turn events into impactful platforms for positive change.

Target Audience

- Event managers and planners
- Sustainability officers and CSR professionals
- Communication and marketing teams
- Aviation Communication Professionals

Learning Objectives

- Events as collective experiences and their unique role in promoting sustainability
- Sustainability principles and timeline
- Environmental, social, and economic impacts of events
- Sustainable event planning and management
- Sustainability Communication, Storytelling and Greenwashing

Key Topics

- What makes an event sustainable? Key principles and misconceptions
- Greenwashing vs. genuine sustainability: how to spot the difference
- Telling the story right: sustainability narratives in event communication
- Practical strategies for reducing environmental and social impact
- Real-world examples: what works, what doesn't, and why

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MEET THE LECTURERS

Env-isa's training programmes are led by a team of experts with deep experience in aviation, environment, and sustainability. Drawing on two decades of international consulting, research, and strategic work, our trainers bring real-world insights, scientific rigour, and hands-on expertise to every session. With backgrounds in engineering, policy, and environmental science, they equip participants with the knowledge and tools to turn sustainability goals into measurable actions.

ALESSANDRO MAURA
SUSTAINABILITY CONSULTANT

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Alessandro Maura is a sustainability and ESG consultant with experience in strategy, reporting, and governance in aviation. He applies leading frameworks like GRI, ISSB, TCFD, and SDGs, and currently supports airport clients in Saudi Arabia through his role at Env-isa.

AYCE CELIKEL
ENVIRONMENTAL ENGINEER

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Ayce Celikel is the co-founder and President of Env-isa. With 20 years in sustainable aviation, she leads EU and EASA projects on environmental strategy, SAF, and aircraft recycling. She holds a Master's in Environmental Management and certifications in ISO 14064, Carbon Footprinting, and LCA.

GRETA FAVARO
CARBON LEAD I ACA EXPERT

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Greta Favaro is an environmental economist with a background in ecology and a degree from Toulouse School of Economics. She has worked on environmental policy and circular economy modelling, and joined Env-isa in 2021 as an analyst on ACA and aviation-related environmental projects.

MATTHIEU BRETEAULT
CARBON LEAD I ACA EXPERT

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Matthieu Breteault is an environmental engineer with a background in Sustainable Management and Eco-innovation. He began his aviation career at Rennes Airport, focusing on infrastructure decarbonisation. Now based in Paris, he works at Env-isa as an analyst on ACA carbon accreditation and environmental consulting projects.

MICHELE CREMASCHI
HEAD OF INNOVATION

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Michele Cremaschi is an Environmental Engineer at Env-isa, where he works on several EU-funded R&D projects focused on sustainable aviation. With a background from Politecnico di Milano and early experience at EASA, he specializes in data analysis and machine learning for aircraft trajectory analysis and environmental assessments. He also contributes as a consultant to ECAC's Noise Technical Group

SHARON MAHONY
SUSTAINABILITY CONSULTANT

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Sharon Mahony is a Sustainable Aviation Associate with significant experience in Stakeholder Engagement, Training, Interactive Master Classes and Sustainability Roadmaps . Author of European Specifications and Conference facilitator Sharon works globally building environmental capacity for Env-isa's partnerships and clients

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ENGLISH EDITION

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