

# YDA Dalaman Airport Net Zero Roadmap

## Baseline

Measure current  
emissions and energy use



## Offset

Invest in verified carbon  
removals



## Reduction

Implement efficiency and  
renewable projects



## Monitor

Track progress and report  
transparently



Leading the way to carbon neutrality



# Foreword

At Dalaman Airport, we recognize our responsibility to reduce our environmental impact and to protect the unique ecosystem of the region we serve. Beyond being an international gateway, our mission is to ensure that growth and sustainability advance together.

We have set clear goals to significantly cut our carbon footprint. By 2030, our ambition is to reach Net Zero for Scope 1 (direct emissions) and Scope 2 (energy-related emissions) through renewable energy investments, efficiency projects, and the transition to clean technologies. Looking further ahead, our commitment is to achieve Net Zero for Scope 3 (indirect emissions across our wider ecosystem) by 2050, working closely with partners, stakeholders, and the community.

This roadmap reflects our determination to act with transparency and consistency. By combining innovation, collaboration, and responsibility, we aim to build a more resilient and sustainable future for Dalaman Airport and the generations to come.

A. Yiğit Laçın  
CEO



# Airport Introduction

Dalaman Airport, located in Türkiye's Muğla province on the Turkish Riviera, has been operated by YDA Group since 2006 under a Build-Operate-Transfer (BOT) model. In 2022, Ferrovial Airports joined as a partner, and the airport is now jointly operated by YDA and Ferrovial. With a capacity of 17.5 million passengers and 57 aircraft stands, Dalaman Airport is a major gateway to Türkiye's tourism regions. Ongoing investments in renewable energy and sustainable infrastructure aim to position it among the most energy-efficient and environmentally friendly airports in the country.

## Strategic Location

Dalaman Airport, serves as a vital gateway for tourists visiting the Turkish Riviera.

## Partnership Excellence

Joint management by Ferrovial Airports (60%) and YDA Group (40%) through 2042.

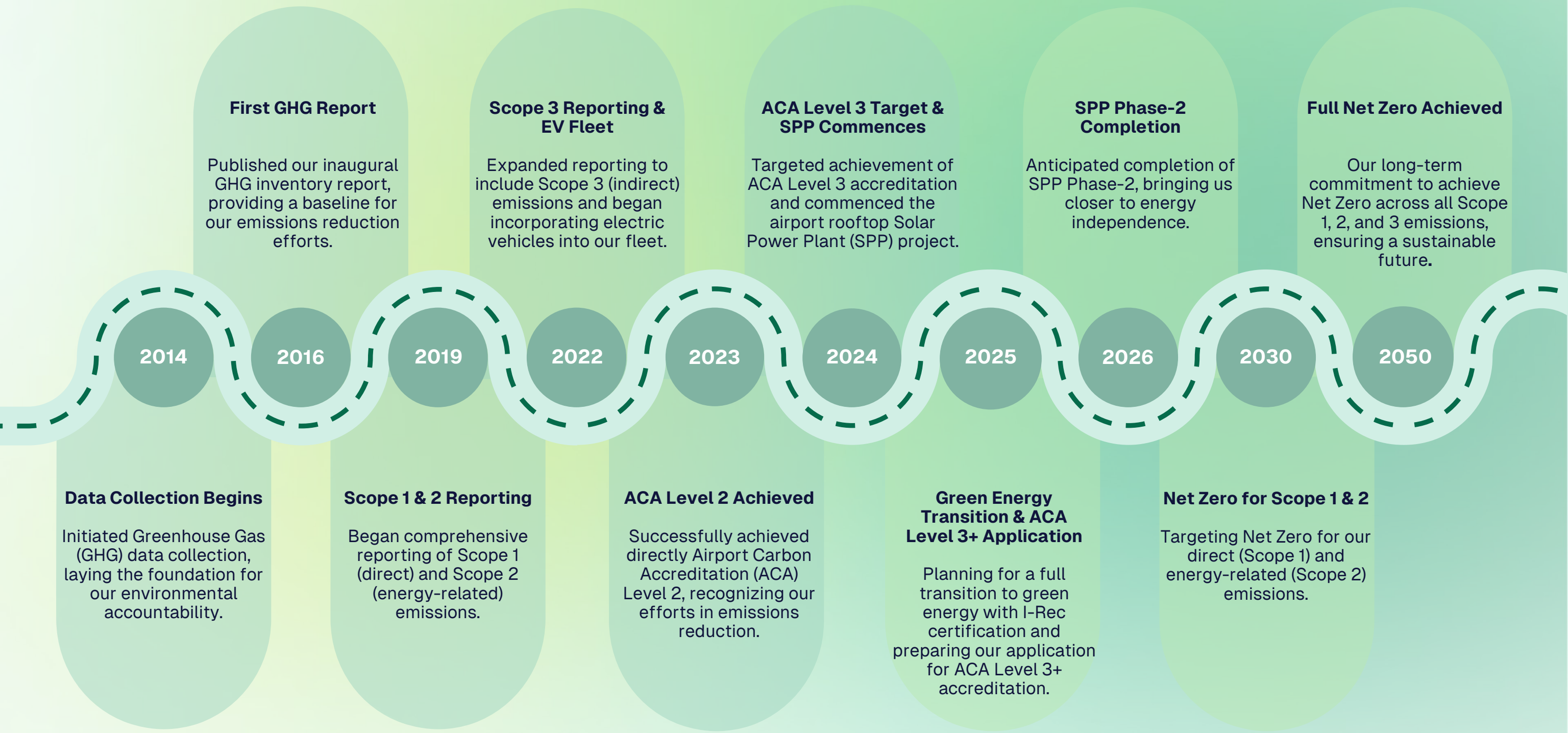
## Infrastructure Scale

17.5 million passenger capacity, 57 aircraft parking spaces across two terminal buildings.



# Our Path to Net Zero

Dalaman Airport's commitment to sustainability is demonstrated through a clear, progressive roadmap of milestones towards achieving net zero emissions. Each step builds upon the last, guiding us towards a greener future.





# Climate Vision and Commitment

## Our Environmental Commitment

- We implement a robust Environmental Management System (EMS) to assess and manage environmental impacts across all operations.
- We act not only as an air transport hub but also as a proactive contributor to ecological and economic transformation, safeguarding the quality of life for future generations.

## Path to Net Zero by 2030

- Targeting substantial reductions in direct (Scope 1) and indirect (Scope 2) greenhouse gas emissions.
- Offsetting any remaining emissions through certified carbon offset projects.
- Committed to international climate action standards and decarbonization goals.

An aerial photograph of a large solar farm with rows of blue photovoltaic panels. In the center, the words "NET ZERO 2030" are spelled out in large, three-dimensional letters made of green shrubs or grass, creating a striking contrast with the blue panels.

NET  
ZERO  
2030

# Carbon Footprint and Current Status

1,465

Scope 1 Emissions

Direct emissions (tonnes CO<sub>2</sub>e)

3,983

Scope 2 Emissions

Energy indirect emissions (tonnes CO<sub>2</sub>e)

42,151

Scope 3 Emissions

Other indirect emissions (tonnes CO<sub>2</sub>e)

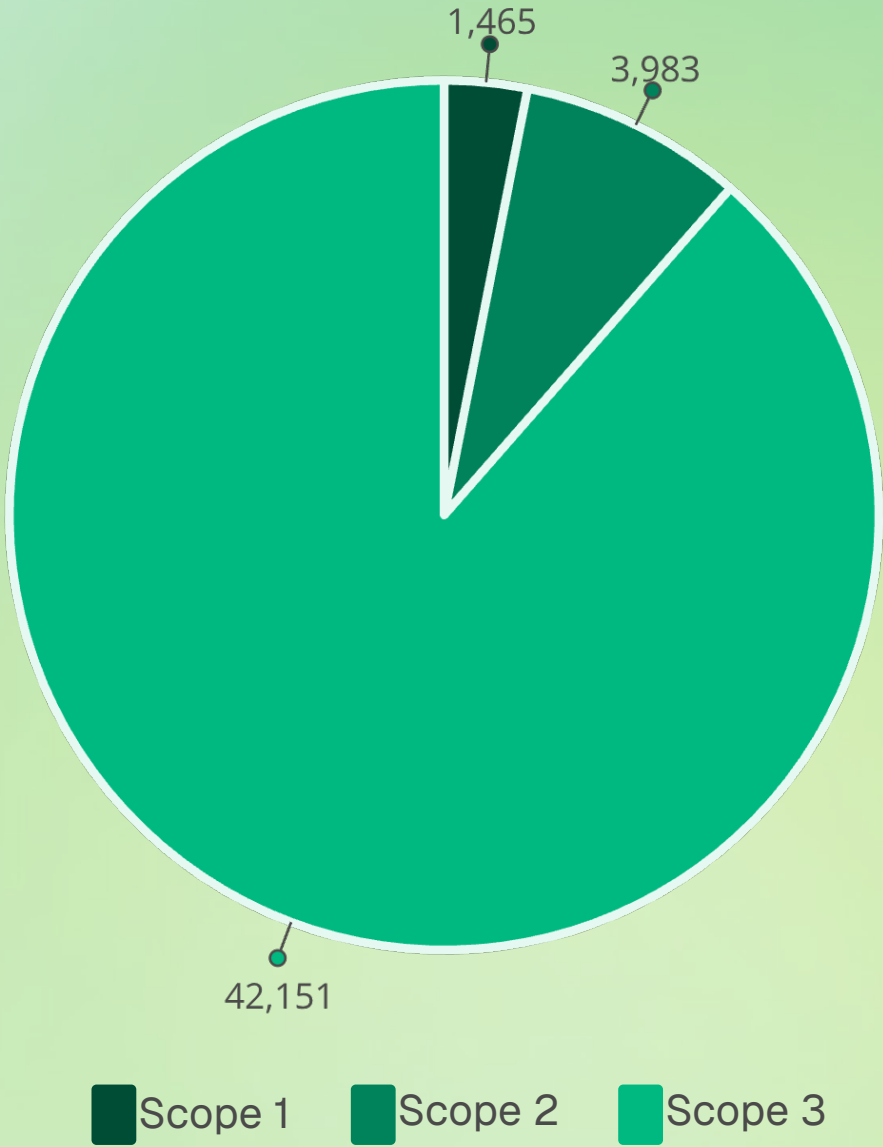
Comprehensive carbon footprint assessment covering all emission sources from direct operations to aircraft movements and passenger access.



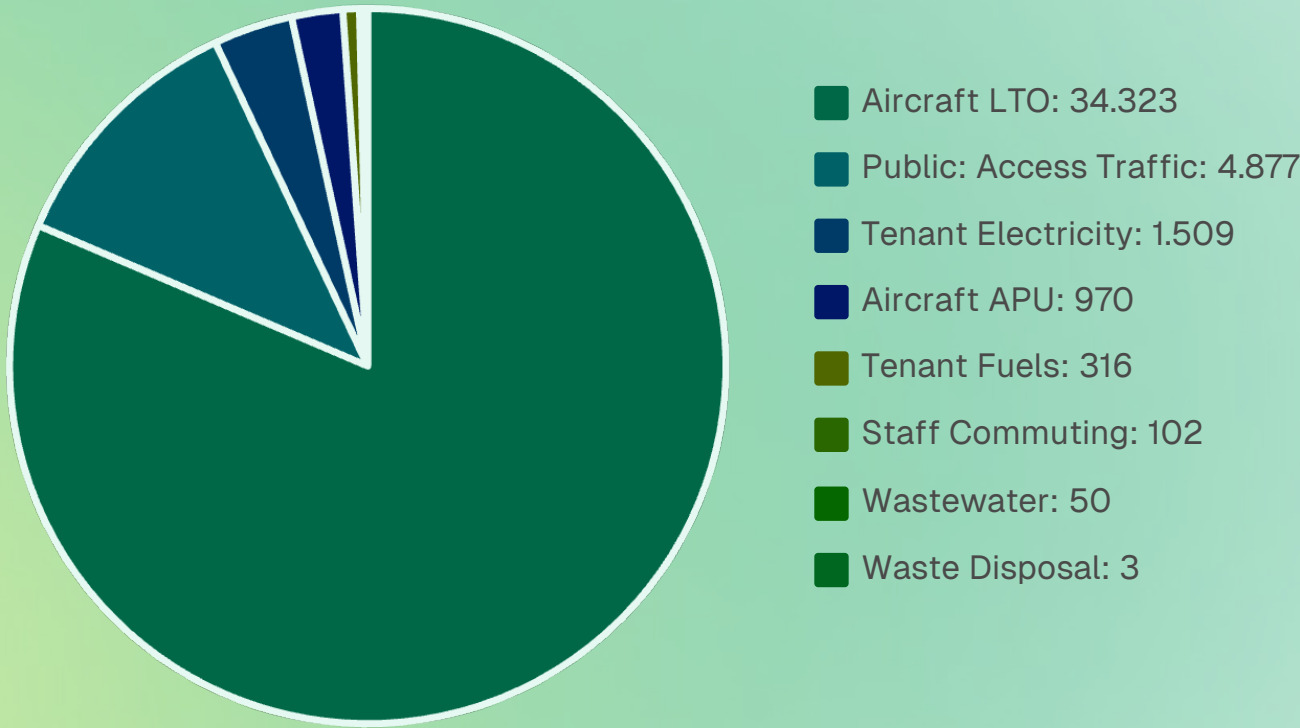
# Emission Sources

A detailed analysis of our carbon footprint helps us pinpoint key areas for reduction. These charts illustrate the proportion of emissions across different scopes and provide a deeper dive into the indirect Scope 3 sources.

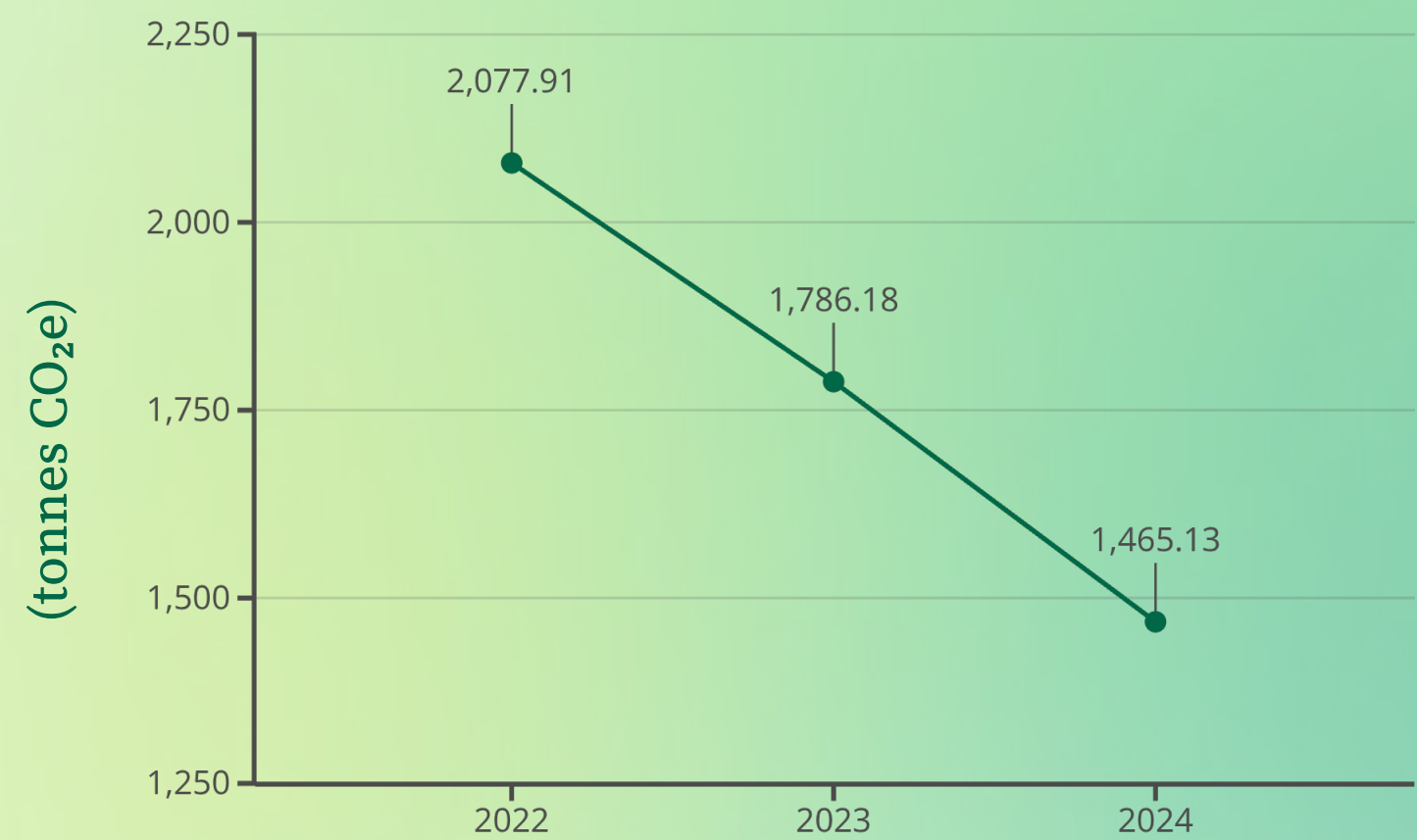
Overall Emissions by Scope (tonnes CO<sub>2</sub>e)



Scope 3 Emission Categories (tonnes CO<sub>2</sub>e)



# Scope 1 Emission Reduction Trends



## Fleet Electrification

80% of company vehicles converted to electric



## Fuel Transition

Heating fuel oil replaced with cleaner LNG



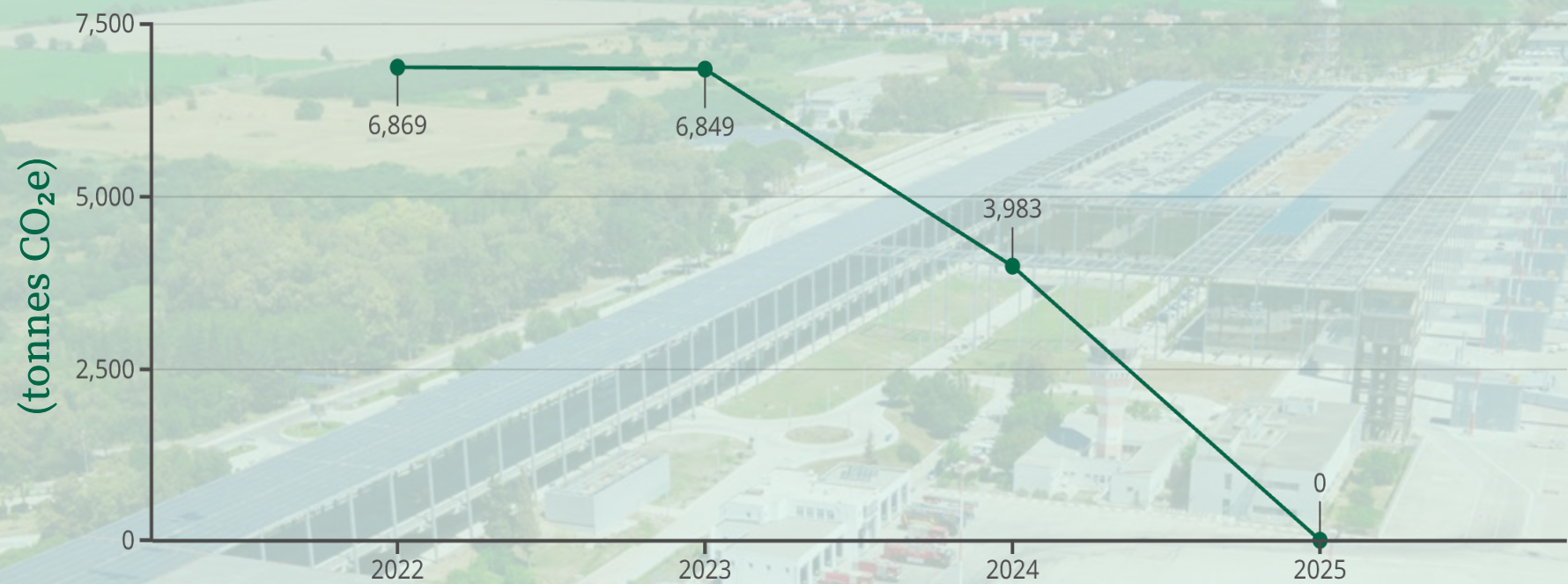
## Awareness Training

Ongoing staff education and engagement programs



# Scope 2 Emission Reduction and Renewable Energy

Our strategy for eliminating Scope 2 emissions focuses on a phased approach of energy efficiency, solar power generation, and strategic green energy procurement. These efforts are rapidly reducing our indirect emissions, moving us towards full self-sufficiency.



## Energy Efficiency

LED conversion, automation, and reduced consumption drive immediate savings.



## Solar Power (2024)

Rooftop solar now covers 55% of our electricity needs.



## 100% Green (2025)

All electricity from green sources: 55% SPP, 45% green purchase, eliminating Scope 2 emissions.



## Solar Phase II (2026)

Expansion for full self-sufficiency in electricity generation.

# Understanding Scope 3 Emissions & Strategic Reduction Initiatives

Scope 3 emissions at YDA Dalaman Airport encompass a variety of indirect emission sources, including waste disposal, wastewater treatment, staff commuting, and the emissions produced during aircraft operations. These emissions represent a significant part of the airport's total carbon footprint and are critical to address for comprehensive sustainability efforts.

The airport is actively monitoring and strategizing to reduce Scope 3 emissions as part of its commitment to environmental responsibility. Our initiatives focus on key areas to drive down these indirect impacts:

## Waste Management Optimization

Implementing advanced waste sorting and recycling programs to minimize landfill contributions and enhance resource recovery.

## Sustainable Commute Options

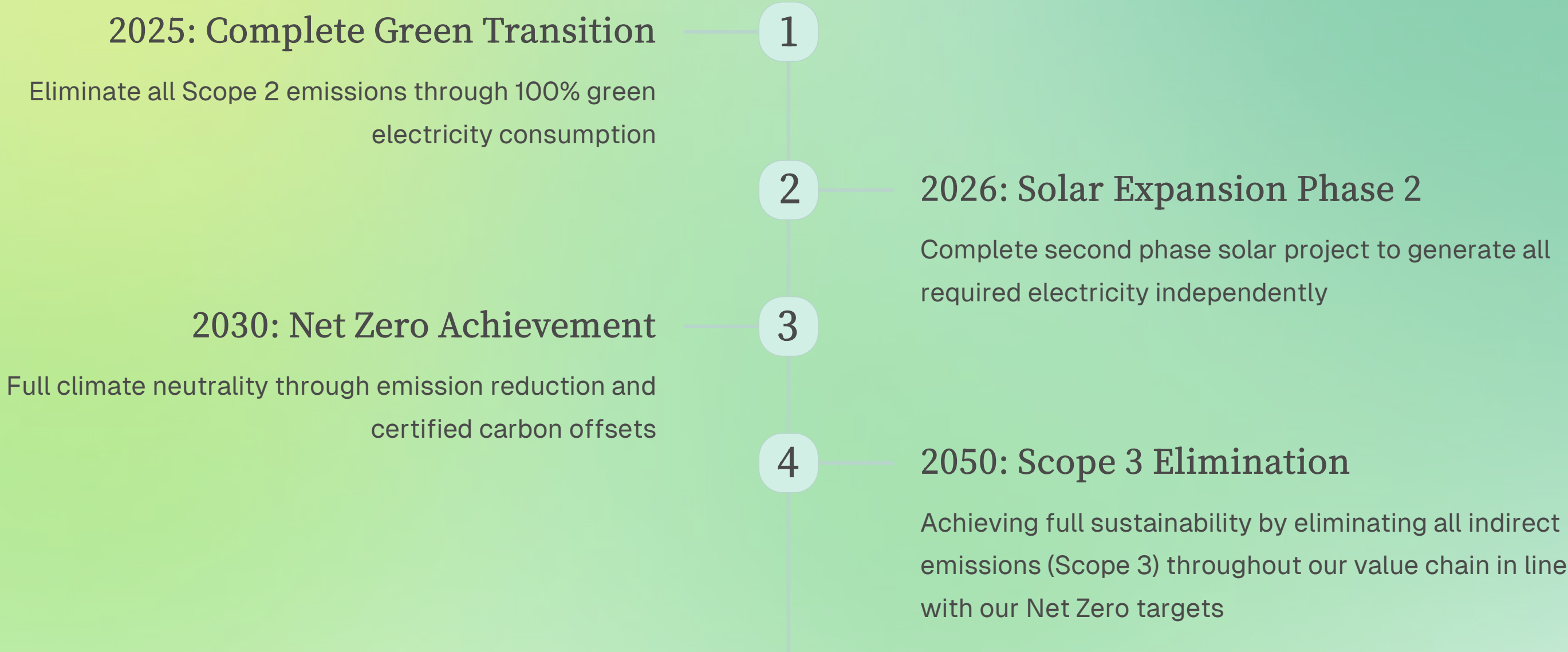
Promoting and facilitating eco-friendly transportation for staff, such as carpooling incentives and improved public transport access, to reduce commuting emissions.

## Aircraft Operational Efficiency

Collaborating with airlines and air traffic control to optimize landing and take-off (LTO) cycles, reducing fuel consumption and emissions during these critical phases.



# Our Roadmap



Systematic approach combining technology deployment, operational efficiency, and strategic partnerships.

# Governance and Monitoring

Our commitment to net zero is underpinned by a robust framework of management systems and continuous monitoring, ensuring every aspect of our operations contributes to our sustainability goals. We believe in transparent practices and collaborative efforts to achieve long-term environmental stewardship.



## Environmental Management System

Comprehensive system ensuring rigorous environmental impact assessment throughout infrastructure and service lifecycle.



## Carbon Accreditation Progress

We are dedicated to continuous advancement through the Airport Carbon Accreditation (ACA) levels. Having achieved Level 3 Optimization, we are actively implementing strategies to reach Level 3+ Neutrality, demonstrating our commitment to offsetting remaining emissions within our direct control.



## Stakeholder Involvement

Proactive engagement with all stakeholders, including airlines, ground handlers, tenants, and passengers, is crucial. We foster collaboration through joint initiatives, awareness campaigns, and regular feedback mechanisms to align efforts towards sustainable operations and shared environmental responsibility.



## Performance Monitoring & Auditing

Regularly track progress against Net Zero 2030 targets. Transparent reporting will involve annual audits and disclosure of emission reductions for all scopes, including detailed Scope 3 breakdowns.



# Dalaman Airport – Our Net Zero Journey

Our commitment to a sustainable future is clear and unwavering. We are dedicated to achieving ambitious Net Zero goals through a structured and collaborative approach.

- By 2030: Achieving Net Zero for Scope 1 & 2 emissions.
- By 2050: Expanding to full Net Zero, including all Scope 3 emissions.
- Ensuring sustainable, future-ready airport operations for generations to come.
- Working together with all partners, employees, and stakeholders to drive collective impact.

Join us as we build a greener, more resilient future for aviation.



Dalaman – For a Sustainable Future