



# Net Zero Roadmap

Tirana International  
Airport

# Overview



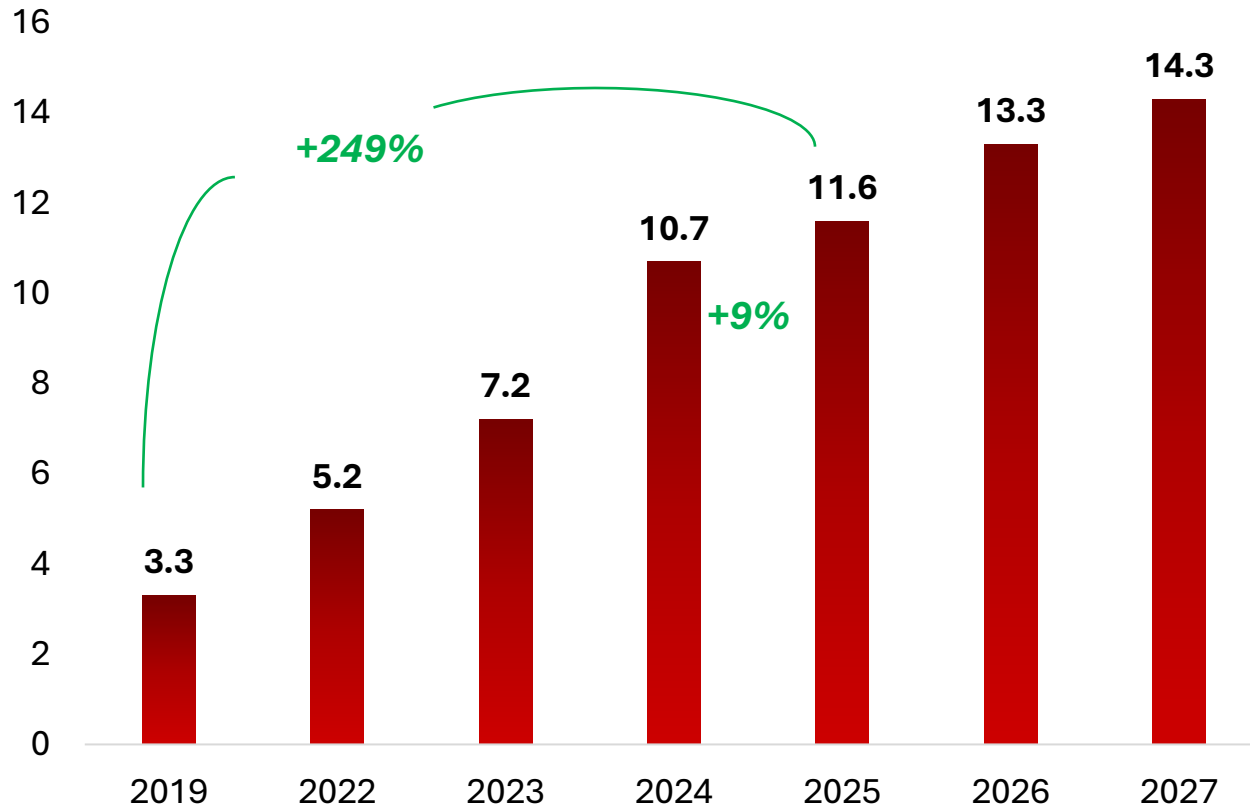
1. Introduction and Purpose
2. Net Zero Roadmap
3. ACA Certification

# Tirana: A Success Story in Europe

From 3.3 million in 2019 to 11.6 Million passengers in 2025

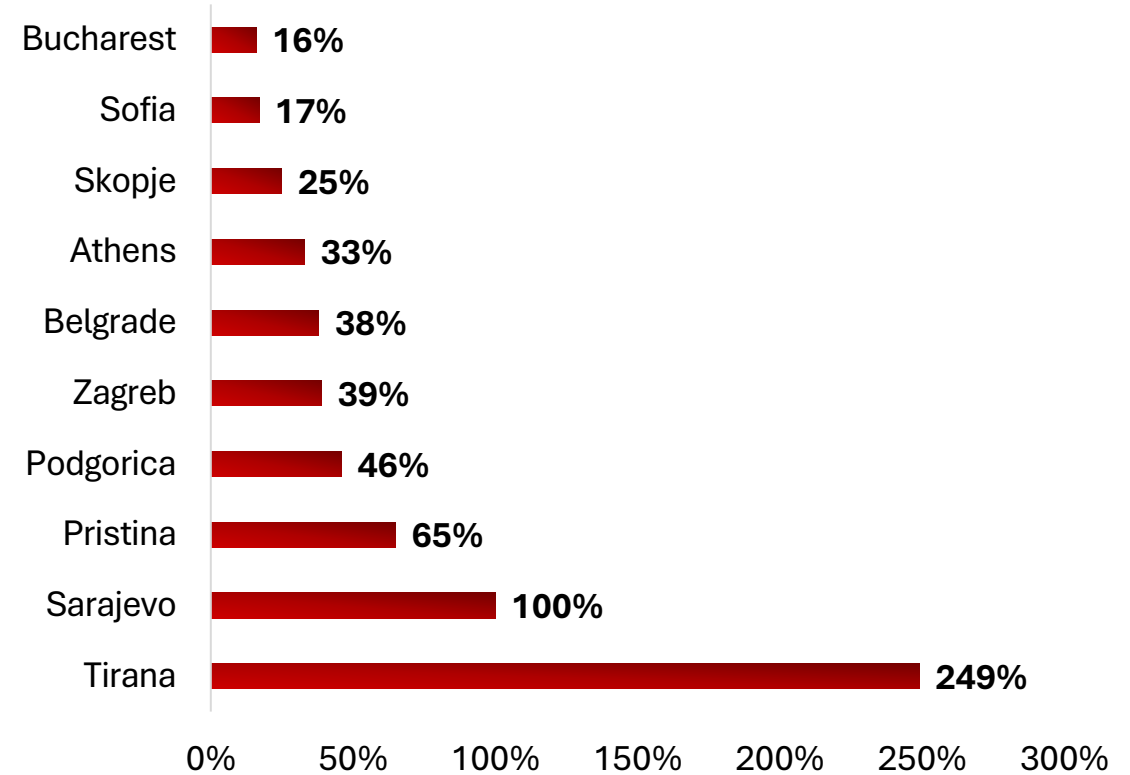


TIA Historic & Forecasted Passenger Figures in Millions




Source: TIA


Regional Airport's Growth 2025 vs 2019




Source: ACI EUROPE



**+ 9%**  
Passenger  
Jan-Dec '25 vs Jan-Dec '24



**88%**  
Load Factor  
Jan-Dec '25



**+ 4%**  
Seat Capacity  
Jan-Dec '25 vs Jan-Dec '24

# Legacy & Connectivity

30+ Scheduled Carriers connecting Europe, Middle East and Beyond

# 16

## \*Seasonal Airlines

- ↗ Air Montenegro
- ↗ Smartwings
- ↗ Ryanair Sun
- ↗ Corendon
- ↗ Enter Air
- ↗ Bulgarian Air
- ↗ Egypt Air
- ↗ Atlas Jet
- ↗ Flyone
- ↗ Electra Airways
- ↗ Freebird
- ↗ Heston Airlines
- ↗ Air Cairo
- ↗ Mavi Gok
- ↗ Tailwind
- ↗ ASL



# TIA – WHAT DRIVES THE GROWTH?

1957



Construction of  
Airport

2005



HOCHTIEF  
AirPort

2016



China  
Everbright Ltd

2020



Kastrati  
Group

2025



Record  
Figures

One of the key growth factor of TIA has been the **aggressive infrastructure development:**

## ➤ Current ongoing projects:

- Rehabilitation of the existing runway
- Extension of the runway (3,000m)
- Replacing and upgrading the current runway drainage system
- Replacing and upgrading (LED) the current runway lighting system
- New TWY A and TWY Y
- Rehabilitated Taxiway System
- Compliance with Code E aircraft operations

## ➤ New aircraft parking facilities:

- 2 Code E aircraft stands (in MARS configuration)
- 30 Code C aircraft stands
- 2 General Aviation aprons

## ➤ Expanded Terminal

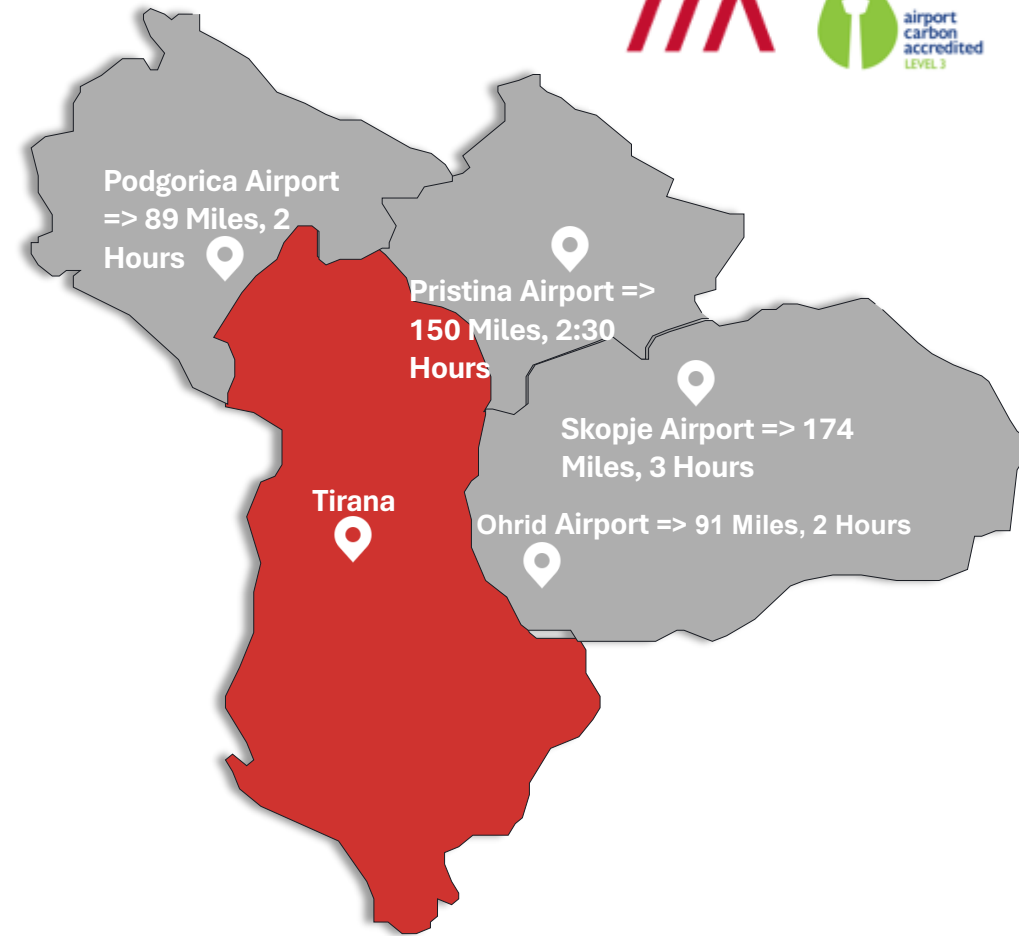
- New Arrival terminal of 15'000 sqm
  - ✓ inclusive of 8 new carousels
- Final Terminal layout of 80'000 sqm
- Commercial area (F&B, Duty Free, Shops, etc.) of 14'000 sqm
- Expanded Border Control facilities with a total of 20 eGates

# TIA – WHAT DRIVES THE GROWTH?



Served Countries

Unserved Countries



TIA's extensive destinations network potentially serves an **8 Mil** catchment area, emerging as a prominent regional hub for the Western Balkans.

# TIA – WHAT DRIVES THE GROWTH?

120 (..and growing!) direct routes, including all major Hubs in Europe



# Net Zero roadmap

## GOAL: Net Zero by 2030

ENERGY: Reduce electricity, renewables, electrification

OPERATIONS: Zero Emission Fleet, optimize mobile sources

CIRCULAR ECONOMY: Waste reduction, recycling

SUSTAINABLE COMMUTING: Public transport, Carpool

# Net Zero roadmap

## Energy

- Optimizing Energy consumption
- Improving efficiency and transition towards renewable sources
- 0% CO2 emission GSE.

## Waste minimization

- Reducing waste at the source
- Promoting reuse and recycling

## Aviation Sustainability

- Lower emission through more efficient operation
- Support for SAF deployment

## Community

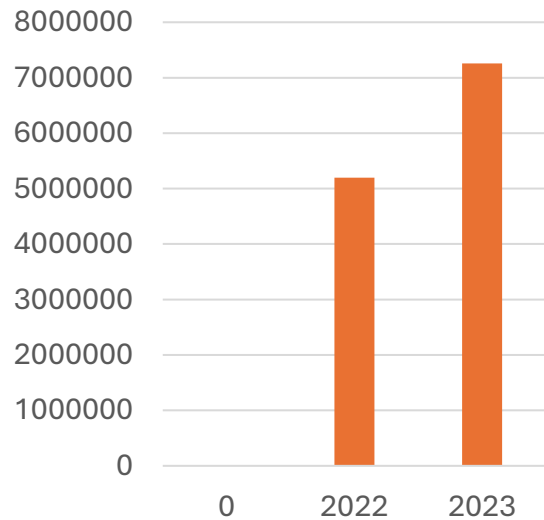
- Engagement politics and positive impact
- Supporting development
- Contributing to local representation and employment opportunities
- Assessment noise monitoring

# Energy 2022-2023

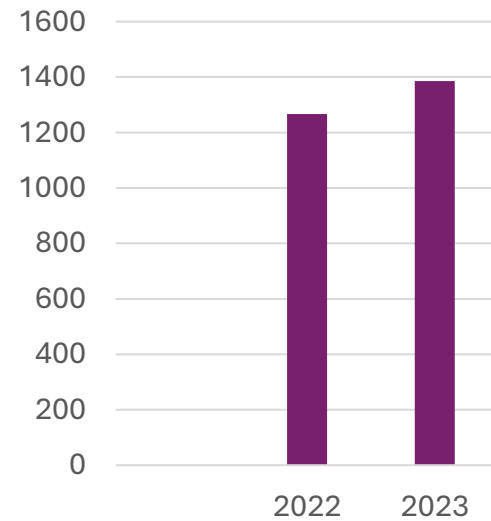
Passengers  
5'198'550 → 7'257'662

Mobile emission (tCo2)  
1267.0 → 1385.09

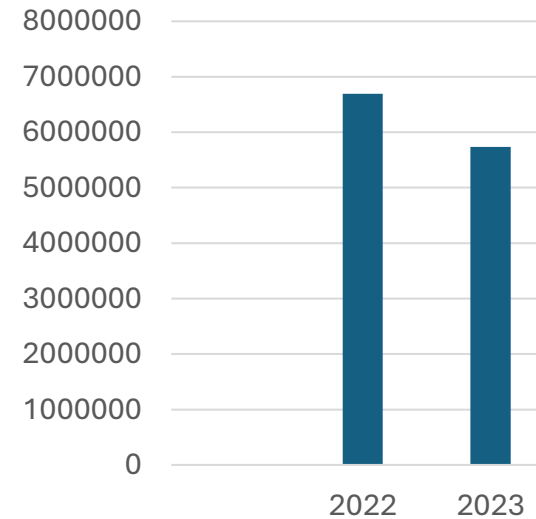
Electricity Emission(tCo2)  
163.83 → 140.36



Passengers



Vehicular emission (-22% per passenger)

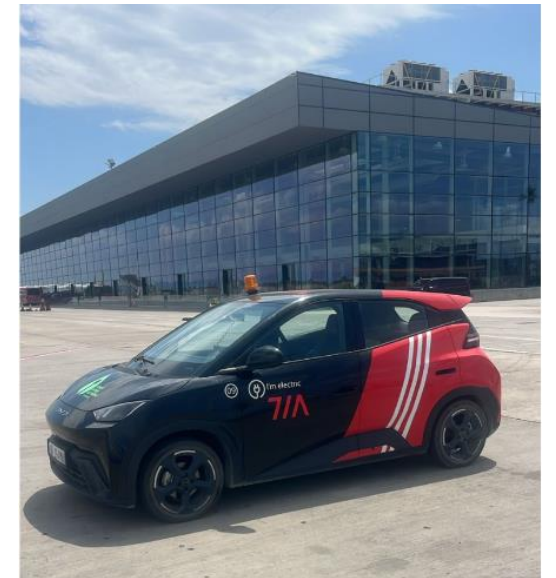


TIA Consumption Electricity (-14.3%)

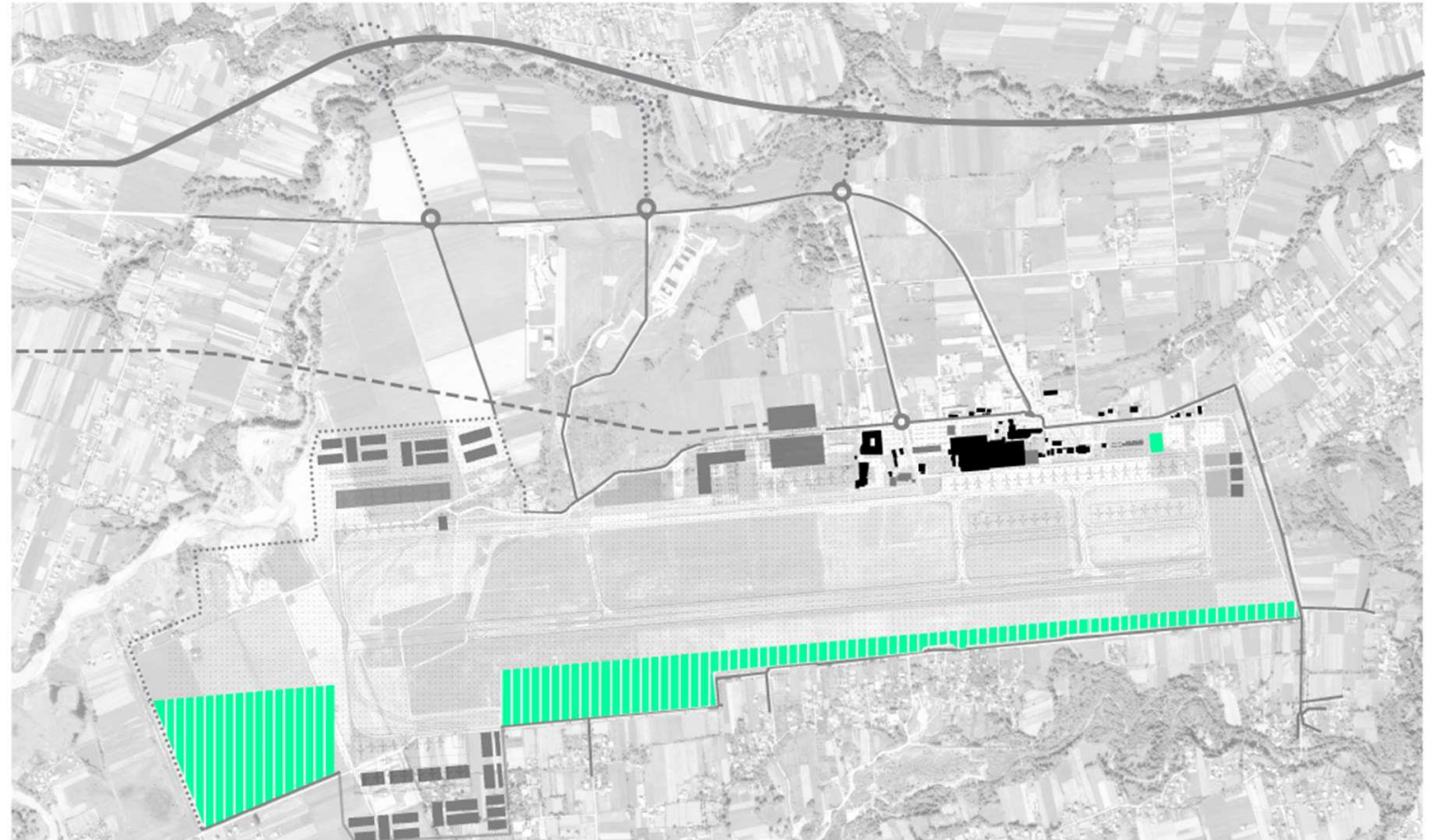
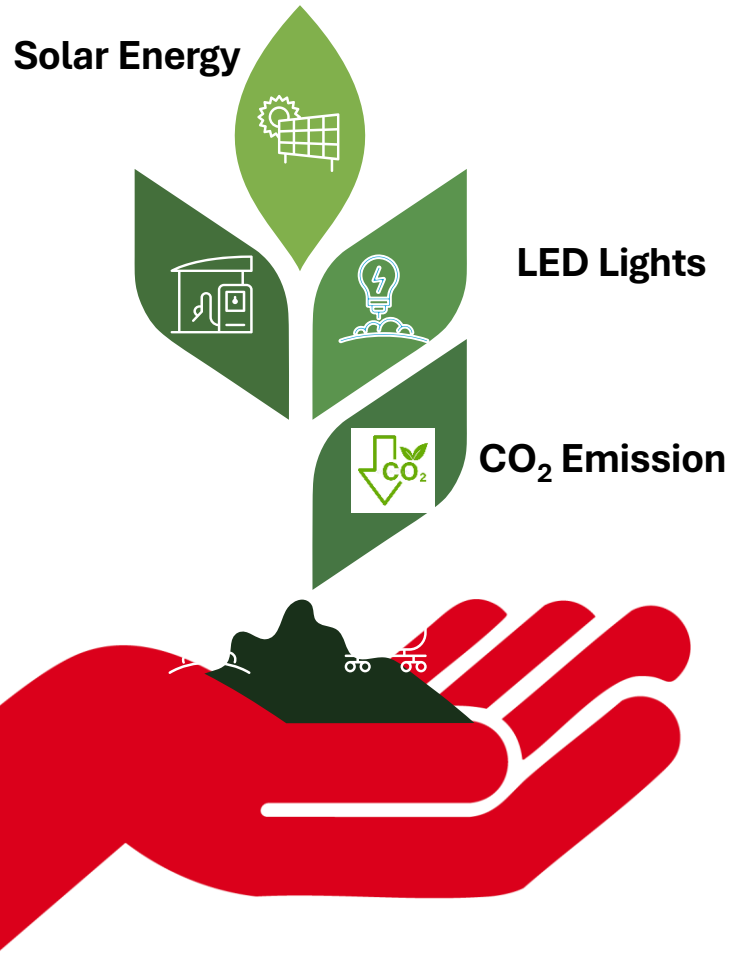
# Energy Investments

**Tirana International Airport** has already put in action measures to reduce its carbon footprint and improve its sustainability goals, with **3.6 MWp** roof-installed solar power plant.

The main project is to complement this existing installation with a substantially larger ground-based solar plant on the east side of the airfield, with to expand it in phases to achieve **50 MWp** installed.



# Energy Investments



## SUSTAINABILITY INFRASTRUCTURE

-  existing buildings
-  proposed buildings
-  sustainable aviation fuel
-  solar panels

# Waste Minimization

## Infrastructure

- Circular Design & Training Employees
- Action Plan for infrastructure waste
- Data Collection and registration

## Operational

- Single use plastics
- Source locally and procure sustainably
- Improve separation and recycling

# Sustainability

## Net Zero Carbon Aviation

- Develop policy framework
- Zero emission airside
- Zero emission airport vehicles
- Sustainable commuting

## Renewable energy

- Energy Management
- Energy Policy
- Photovoltaic (PV) power
- Improve sustainability third parties located on site
- Led lights

# Community

Dialog,  
Responsible  
external effect,  
value to the region

- Dialog local community
- Noise Reduction
- Sustainable criteria airport charges
- Investing in accessibility infrastructure with a focus on sustainability
- Stimulate sustainable transport passengers
- Stimulate sustainable transport suppliers
- Preserve local environment & biodiversity

Sustainable  
employment

- Contribute to regional education
- Creating workplaces to people with difficulty accessing employment

# Sustainability Program

## CERTIFICATE of ACCREDITATION

Valid until 30th December 2026

This is to certify that **Airport Carbon Accreditation**, under the administration of Environmental Minds, confirms that the carbon management processes at



**TIRANA INTERNATIONAL AIRPORT**  
Implemented by Tirana International Airport SHPK



have earned the accreditation of **LEVEL 3**, in recognition of the airport's exemplary work in reducing its carbon emissions and engaging other stakeholders to do the same, as part of the Global airport industry's response to the challenge of Climate Change.



  
Olivier Jankovec  
Director General  
ACI EUROPE

  
Panagiotis Karamanos  
Programme Director  
Environmental Minds

## TIA - Carbon Management

1

### Airport Carbon Accreditation (ACA)

TIA has achieved ACA Level 3 accreditation (Optimization)

2

### Energy & Carbon Management Plan

Reduce GHG emissions in line with set targets and the Environmental and Energy Efficiency Policy

3

### Carbon Stakeholder Engagement Plan

Outlines the identification, categorization, and prioritization of all stakeholders relevant to Scope 3<sup>16</sup>



TIRANA  
INTERNATIONAL  
AIRPORT  
Nënë Tereza

Thank you!