# **Energy for the future**



The Roadmap to

Net Zero Carbon Emissions

# Airport Company's 2018 Carbon Footprint 38,952 tn CO<sub>2</sub>

91.1% **Indirect Emissions Electricity** 58,277 MWh - 35,490 tn CO<sub>2</sub> 3.6% **Direct Emissions** 0.1% 8.9% 3,462 tn CO<sub>2</sub> 0.2% 5.0% Natural Gas Vehicle Fleet Boilers Generators





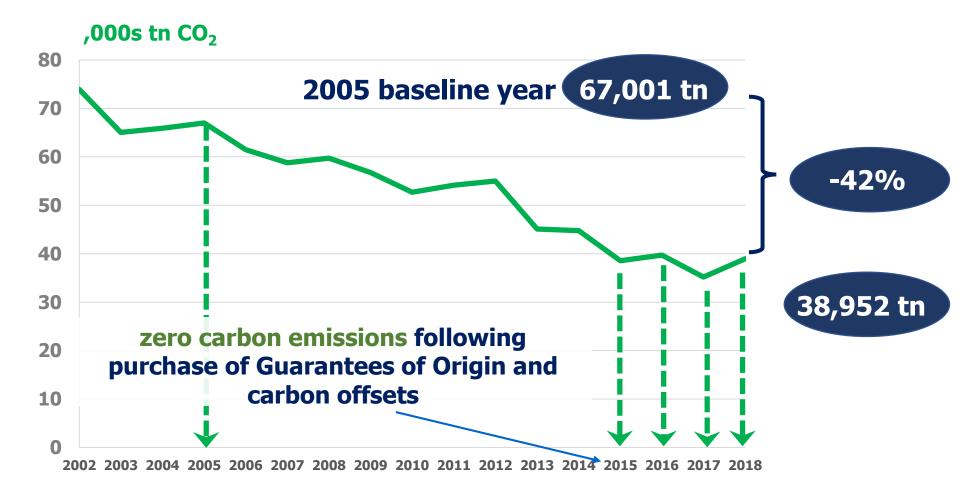
# **Airport Company's Carbon Accreditation Journey**

2007 - 2009	airport carbon accreditation	Development phase of the programme
2009	airport carbon accredited	Mapping
2010	airport carbon accredited	Reduction
2014	airport carbon accredited OPTIMISATION	Optimisation
2016	airport carbon accredited	Neutrality





# **Greece's 1st Carbon Neutral Airport**







# The 1<sup>st</sup> largest worldwide unified PVP in an Airport at its start in 2011

- Installed power: 8 MWp
- Annual Production: ~ 13,000 MWh
- CO<sub>2</sub> Savings: ~ 10,000 tn



Into the National Grid
Not accounted in the Airport
Company's footprint





#### **ACI EUROPE for Net Zero Carbon Emissions by 2050**

ACI EUROPE member airports announced their commitment to achieve Net Zero Carbon Emissions by 2050, during ACI-EUROPE's 29<sup>th</sup> Annual Congress & General Assembly in Limassol on June 2019









### **Athens' Route to Net Zero Carbon – A 2-phased approach**

1st PHASE: 91.1%

#### **Indirect emissions**

- Self production
- **→** Self consumption
- → Storage
- Airport Boundaries

2<sup>nd</sup> PHASE: 8.9%

#### **Direct emissions**

- → Targeted actions
  - Electric Vehicles
  - Bio fuels
  - Heat pumps



**Subject to National Legislation** 



# **Announcing "Route 2025"**

Our Commitment to achieve Net Zero Carbon Emissions by 2025

The "91.1%" Roadmap on Electricity

**Submission and register with ACI EUROPE within Q2 2020** 

The "8.9%" Roadmap on Direct emissions

**Submission and register with ACI EUROPE within Q4 2020** 



