



ASSAEROPORTI
Associazione Italiana Gestori Aeroporti

Insight of airports measures to increase sustainability

Cross-Border Forum – High Level Conference – Carlo Borgomeo, President of Assaeroporti

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Airport industry engagement

The airport industry has been engaged for years in initiatives focused on sustainability and reduction of greenhouse gas emissions, trying to reconcile infrastructure development with the environmental and social protection needs of the surrounding area (and not only)

Investments carried out so far have concerned the **use or production of energy from renewable sources**, the **implementation of energy efficiency measures**, the implementation of **procedures for more efficient operations**, and so on. In addition, in the recent months the airport operators are focused on the **development of sustainable aviation fuels**, and the **use of hydrogen in the aeronautical sector**

Huge investments had been planned to accelerate the “green transition” of the airport sector, but the crisis resulting from the Covid-19 risks to compromise the ability of airport operators to realize all the planned projects

Impact of Covid-19 on the Italian airport sector

Since March 2020

- ▶ **Lost 160 million passengers in first 12 months of the pandemic (vs. 193 million in 2019)**
- ▶ **Lost more than 3 billion € of revenues**
- ▶ **Strong liquidity absorption and significant growth in financial debt**

Traffic forecast

Full 2021

80 million passengers (-60% of pre-pandemic levels)

2024-2025

Full recovery of 2019 passengers traffic level

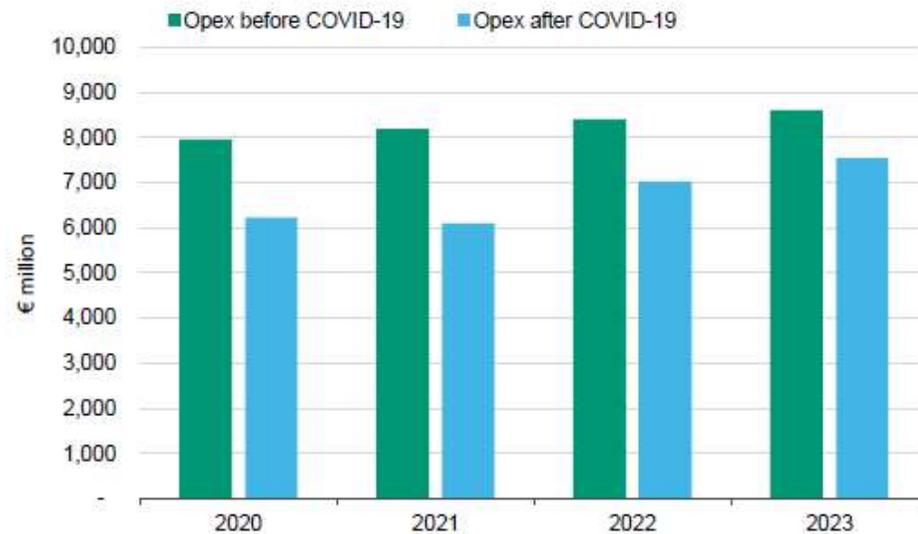
Airport investment crunch

- Additional cost cutting is not an option
- Revenue generation constraints
- No EU Recovery Fund financing
- State aid limitations

Opex and capex overview

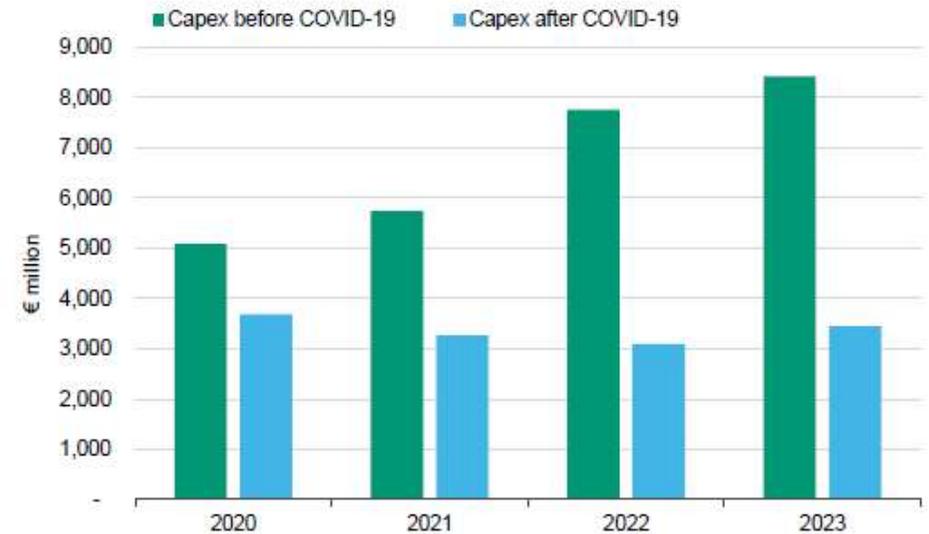
Opex savings will reduce over time ...

Aggregate operating expenditure for rated European airports



... while capex requirements will remain moderate

Aggregate investments for rated European airports



Source: Moody's

Contribution of the aviation sector to global emissions

The air transport is not the main cause of air pollution produced today in terms of CO₂ emissions

915 million tonnes

Worldwide, flights produced 915 million tonnes of CO₂ in 2019. Globally, humans produced over 43 billion tonnes of CO₂.

4.5 billion

In 2019, 4.5 billion passengers were carried by the world's airlines.

2%

The global aviation industry produces around **2%** of all human-induced carbon dioxide (CO₂) emissions.

12%

Aviation is responsible for **12%** of CO₂ emissions from all transports sources, compared to 74% from road transport.

Key messages

Assaeroporti believes that the European green new deal is not just an environmental policy, but a development strategy. Attention to sustainability is not a trend, but a strategic option

Institutions must address a necessary phase of transition helping the sector to accelerate its green evolution. To do this, it is necessary to financially support the investment plans of the airport operators that are no longer able to self-finance the projects and to recover the costs through the airport charges

The European legislation on state aid will also have to be revised to take into account the specificities of the air transport sector in order to overcome the current constraints which tend to exclude airports from public support measures

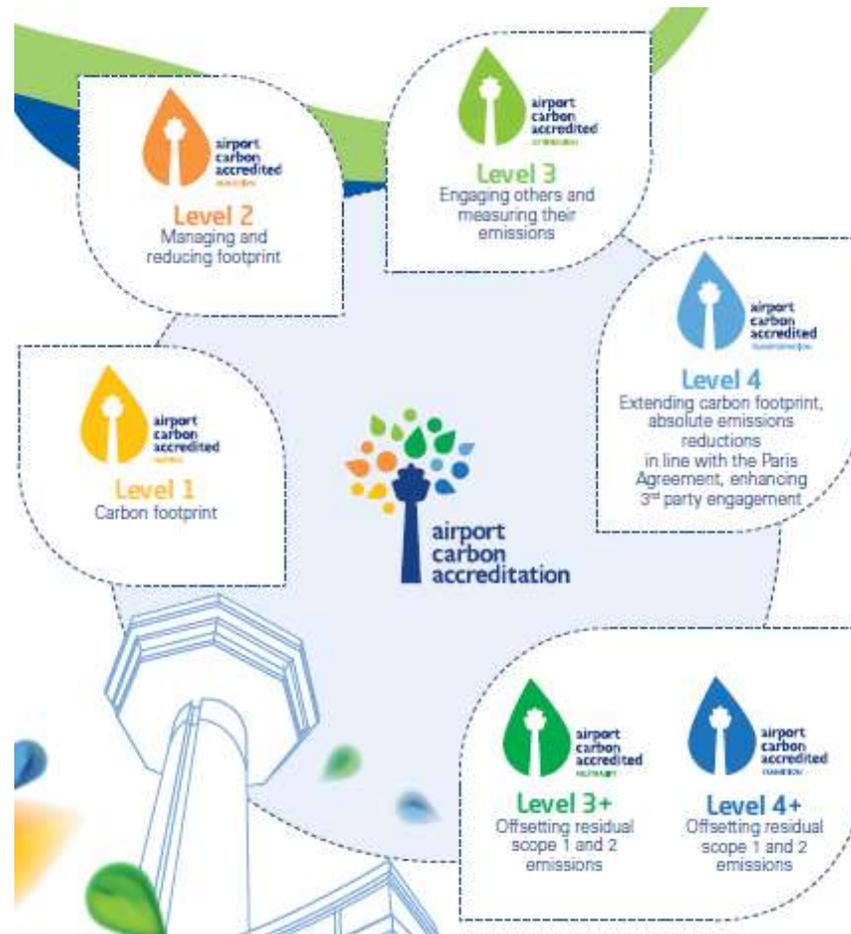
~~Greenwashing~~

Financial support to
accelerate the green
transition

Adoption of concrete
sustainable development
measures

Global and European initiatives involving airports

Airport Carbon Accreditation (ACA) for carbon management at airports since 2009



- 182 accredited airports in Europe
- 14 accredited airports in Italy which represent the 15% of carbon neutral airports of our continent



ICAO



Global and European initiatives involving airports



NET ZERO 2050 July 2019

- **242 airports in Europe** committed to achieve zero emissions by 2050 of which **10 Italian airports**
- So far **91 airports** have already declared to anticipate the goal to 2030 of which **4 Italian airports**

Main aspects related to sustainability for the airport sector



Thank you



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