

ROAD TO CARBON NET ZERO

ACI CARBON NET ZERO

- Reduction of consumption 2022 – 2023
- G.S.E. replacement Electric 2024 - 2027
- Photovoltaic systems 2023 - 2027
- Carbon FootPrint 2024 study in progress
- Local project with positive environmental and social impact (planting of 100 trees in the area) 2024
- Paperless Project by 2025

COMPARATIVE CONSUMPTION DATA 2022 - 2023

Electricity Consumption	Total 2022	Total 2023	Variation 23 compared to 22
Terminal - SASE warehouse – Custom Gate (kWh)	1.226.695	1.339.938	113.243
Fire Station (kWh)	211.128	196.071	-15.057
Gas Consumption	Total 2022	Total 2023	Variation 23 compared to 22
Terminal (smc)	46.167	46.031	-136
Fire Station - SASE warehouse (smc)	20.675	19.700	-975
Water consumption	Total 2022	Total 2023	Variation 23 compared to 22
Buildings (mc)	8.994	8.035	-959

G.S.E. emissions reduction

Replacement of the existing vehicle fleet with vehicles powered by fuels with lower environmental impact or reduced emissions (electric traction).

The operator-owned fleet of service vehicles is currently composed primarily of fossil fuel vehicles, the majority of which are diesel.

Facing the need to renew the fleet of vehicles available to the company for airport activities, it was interesting and useful to be able to measure the process of renewing the vehicles available by monitoring it with a specific indicator, included among those available for the objectives of the priority goals group's , in particular to impact on the containment of gaseous emissions.

Selected Unit Of Measurement:% of vehicles replaced in the available fleet.

Since 2022, 4 electric vehicles have been put into service, while in subsequent years the replacement of current diesel-fueled vehicles with electric cars is planned in addition to the purchase of G.S.E. of the same type.

Please find below the summary table:

G.S.E.	Year	Year	Year	Year	Year	Year	Year
	2021	2022	2023	2024	2025	2026	2027
Total G.S.E.	21	21	21	21	21	21	21
Electric G.S.E. replacement	0	4	2	3	0	1	0
% replacement	0,0%	19,0%	28,6%	42,9%	42,9%	47,6%	47,6%

Energy production by photovoltaic systems.

In the field of renewable energy, the Company is implementing the construction of system for the production of electricity with photovoltaic systems.

The interventions include the implementation of:

- Year 2023 - photovoltaic system positioned on the flat roof portion of the terminal, with an available surface area of approximately 950 m2 which will allow the production of approximately 70 kW peak,
- Year 2024 - photovoltaic systems positioned on the flat roof portion of SASE and Rent-a-Car office buildings, with an available surface area of approximately 460 m2 which will allow the production of approximately 47 kW peak.
- Year 2025 - photovoltaic system positioned on the flat roof portion of the terminal, with an available surface area of approximately 1000 m2 which will allow the production of approximately 80 kW peak.
- Year 2027 photovoltaic system positioned on the flat roof portion of the new building to be built in the future (ramp vehicle shelter) - fire brigade vehicle garage - SASE vehicle garage placed air-side, with a total available surface area of approximately 800 m2 which will allow the production of approximately 80 kW peak.

Please find below the estimated values with the % of savings:

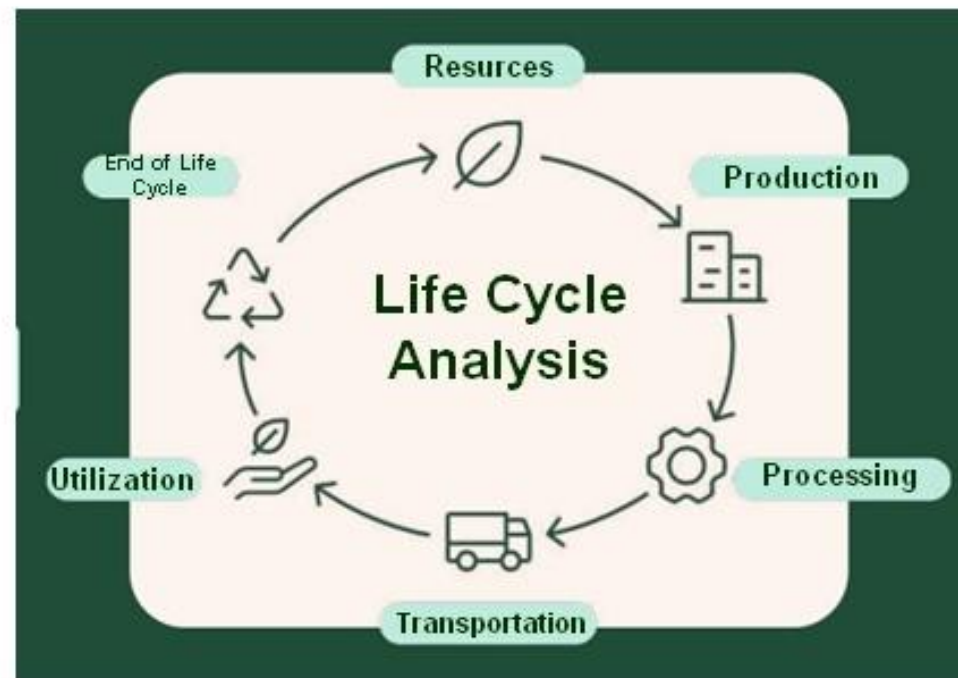
Impianti Fotovoltaici	Anno	Anno	Anno	Anno	Anno
	2023	2024	2025	2026	2027
Sistem power Kw	72	47	80	0	80
Power MWh (Annual production)	84	141	198	255	312
MWh annual total consumption (Based on average annual consumption 2015-2023 - F1 range wider than total consumption)	489,75	489,75	489,748	489,75	489,748
% consumption reduction	17,2%	28,8%	40,4%	52,1%	63,7%

Carbon FootPrint 2024 Study Measure and report the SASE activities climate footprint relating to the year 2023

By means of a carbon footprint study, we measure the impact in terms of greenhouse gas emissions relating to SASE Spa's activities. Direct scope 1, indirect (from energy purchase) scope 2 and indirect (from value chain) scope 3 emissions are analyzed, with reference to the year 2023. The measurement takes place in accordance with the international standards ISO 14067 and ISO 14064, ISO14040 and ISO 14044. At the end of the carbon footprint calculation a detailed technical report on the emissions produced by each activity will be prepared.

→ THE ADVANTAGES OF LCA CALCULATION

- 1 Complete evaluation
- 2 Critical points identification
- 3 Informed decisions
- 4 Sustainable innovation
- 5 Comprehensible communication



Local project with positive environmental and social impact (Planting of 100 trees) 2024

Project with CO2 absorption kpi

We will create an environmental and social project by planting 100 trees in Umbria, in the Spello countryside, contributing to a social entrepreneurship project and the absorption of CO2.

We will plant trees in a local project in Italy, supporting sustainable agriculture models with low environmental impact, capable of responding to the needs of adaptation to climate change in our country. The trees planted will be taken care of by agricultural and social cooperatives that operate in difficult contexts and in favor of people with fragility, to guarantee their reintegration into the workplace and society. We will provide you with an ex-ante estimate based on scientific literature of the amount of CO2 stored during the first years of the trees' life.

The cooperative, through the activities of the Day Center and the Social Farm, deals with the rehabilitation of people with autism through social farming activities. It offers employment services to disadvantaged people, offering educational courses, extra-hotel social tourism, catering and vegetable sales. Together we will plant local varieties of fruit trees, with the aim of supporting therapeutic assistance, social entrepreneurship and business innovation in the Spello countryside.



Paperless Project.

The Paperless project is a process of dematerialisation of flows in order to definitively eliminate the enormous quantity of documents in paper format, imagine the countless daily check-lists produced by the various departments of the airport, and imagine that instead of photocopiers, fax and folders, there is a latest generation touch system that contains easily traceable computer documents, to be sent where applicable to the various sector areas or to an appropriate digital archive.

Less paper means above all more environmental protection. From this belief was born the idea of the project to manage in a new and more ecological way.

The project involves the replacement of traditional desks with multimedia touch systems and the provision of tablets with pre-compiled forms for daily check-lists. With these systems, employees have the ability to quickly and easily view all documents and manage them in a more efficient way, avoiding the paper and folders accumulation.

The start of the process through a sophisticated processing of individual modules aimed at compiling the daily check lists for individual areas, on which they are cut out within the image, extracted - through an automatic optical reader - and displayed in real time on the system , or appropriate archive, thus becoming legally valid after a compliant digital archiving, in this way all the information is dematerialised, avoiding folders and papers waste and accumulation.

As a result, the working environment, work ergonomics and space recovery are improved but, above all, a concrete step forward a more ecological environment. Watch the video and discover our eco-friendly project.

