

Airport Name: Salvador Bahia Airport, Vinci Airports

Responsible: Alessandra Pereira dos Reis, Environment Coordinator

Project Name: Zero landfill

Executive Summary

To implement the project, it was necessary to restructure the entire Waste Management System at the Airport, with the “PGMA-009 - Waste Management” procedure having been designed and implemented. Thus, we created a more productive operational flow, with less ergonomic and safety risks, and integrated the structure of the new waste center, built in October/19.

Initially for selective collection, the Airport dumps at the passenger terminal were replaced and new visual identifications were implemented for "recyclable waste" and "non-recyclable waste" and due to the pandemic, we implemented "infectious waste" dumps at strategic points for disposal of masks and contaminated gloves. A specific procedure was also developed, advising on the specific colors of the garbage bag that should be used for each type of waste and how to separate them at the time of generation (Blue – Recyclable, Gray – Non-Recyclable, Brown – Organic, Yellow – Recyclables for the food court, Orange – Organic for the food court, Green – Paper towels, Black – Sanitary waste, White – Infectants).

Waste weighing activities were implemented at all stages of the production process, in which, during collection, a hand scale is used to weigh the garbage bags by type of waste and by collection points, inserting the information on the Collection Schedule platform. After being weighed, the garbage bags are placed in the collection containers.

When these containers are filled, they are placed on the Internal Collection Point or the Airport's External Collection Point to be replaced by empty and washed containers, while the full ones are taken by truck with platform to the waste center. Upon arrival at the waste center, the containers are weighed, registered as “input of waste” and packed for subsequent segregation. After segregating, the residues are weighed by type and packed.

The final disposal of waste is the last step in the Airport Waste Management process. The VINCI Airports Group defined the goal of having all Airports Zero Landfill by 2030. For Salvador Bahia Airport, we met the goal of being Zero Landfill by 2020, with 100% of waste being recovered, in accordance with the concepts of circular economy.

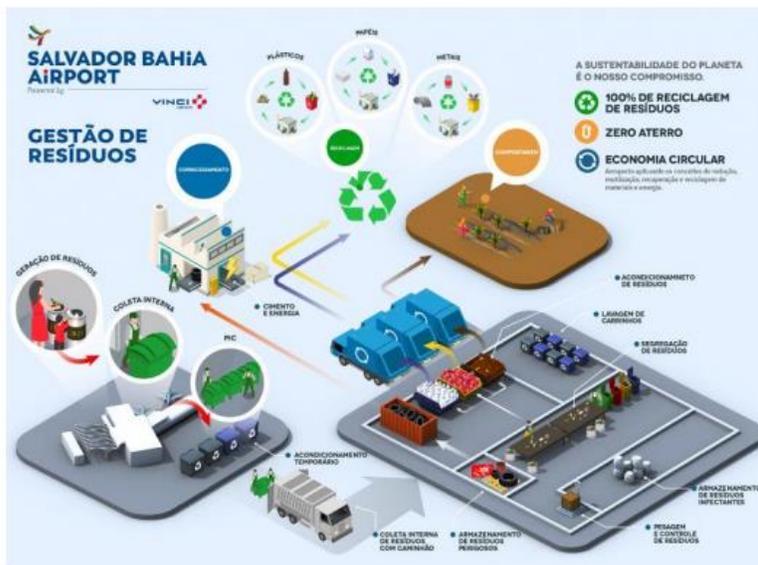
Project results and benefits

To monitor the results and benefits of the project, we defined waste indicators. The management of these indicators is done daily, in the daily Environment meeting, in order to identify

deviations/opportunities and deal with them quickly, in addition to having control of the managed indicators. The official closing of the indicators is done monthly until the 5th business day of the following month.

Regarding the generation of waste (Tons), we reduced 65% of the generation comparing the year 2019 with 2020 (1,151.53 Ton in 2019 and 748.79 Ton in 2020) it is important to note that in this period there was a reduction in airport operations due to the pandemic, impacting waste generation.

As for the % of Recycling, when we took over the operation of the Airport, on 01/02/2018, only 1% of the waste was recycled, while 99% was sent to a Sanitary Landfill. We ended 2018 with 34% Recycling, in December 2019 we reached 69% Recycling and in 2020 we did not send any waste to landfills, 100% of Airport waste was sent and treated to companies with technologies other than Sanitary Landfill, such as recycling, co-processing, re-refining, reuse etc., being the first zero landfill airport in Brazil.



Explanatory infographic of the Waste Management flow at Salvador Bahia Airport



Graph showing the evolution of the % of recycling indicator at Salvador Bahia Airport