

# CIRCULAR ECONOMY

WASTE  
MANAGEMENT



**SALVADOR BAHIA**  
**AIRPORT**

Powered by





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VINCI AIRPORTS



# VINCI Airports

Biggest private airports  
operator in the  
world



**46**  
airports



**12 countries**  
in 4 continents



**195,2 mi**  
passengers



**+250**  
partners airlines



**12.000**  
employees



**€ 4 bi**  
investments

# Our airports in the world





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# SALVADOR BAHIA AIRPORT

**Hello!**



We are  
**Salvador,**  
Bahia



# Salvador Bahia Airport

**30 years**  
of concession

Start of  
operations in  
**2<sup>nd</sup>, January**  
**2018**

**+130**  
employees

**8 million**  
passengers  
in 2018

**9<sup>o</sup>** airport  
in Brazil





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# AIRPACT

VINCI AIRPORTS ENVIRONMENTAL POLICY

# AirPact

## A global framework for environmental sustainability

VINCI Airports has defined a global environmental strategy for all its airports in the knowledge that such strategies are essential for long-term competitiveness.

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### The 4 shared goals



# The main projects for our program

## Water

Effluent treatment plant installation and reuse of 100% of treated effluent

## Power

Installation of solar plant and achievement of ACA certification

## Biodiversity

Mapping of local fauna and 75% reduction of bird collisions

## Environment

Environmental management system of Salvador Airport developed in 2018

## Waste

Zero landfill until 2030 (we want it in 2021)





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# CIRCULAR ECONOMY

CONCEPT

What is  
**Circular  
Economy?**



# Circular Economy

## Salvador Bahia Airport

Main issues regarding waste management faced at the Airport in the beginning of the Concession:



**During Design Phase:**  
Irregular waste disposed  
around the airport



**During Operational Phase:**  
99% of the waste being sent  
to landfill

# Case 1

## Design Phase

IRREGULAR WASTE DISPOSED AROUND THE AIRPORT



-50k\$ in  
business plan



Less than  
60 days



Local environmental  
legislation



VINCI environmental  
policy



# Case 1

## Design Phase

IRREGULAR WASTE DISPOSED AROUND THE AIRPORT

### Strategy



1. Make inventory of the different types of waste at the airport



2. Identify and hire companies to remove, pack, transport and treat the materials



# Case 1

## Design Phase

IRREGULAR WASTE DISPOSED AROUND THE AIRPORT

### Results



**88%** of  
recycling



**+83k\$** of  
profit



**729t** of  
waste



**17x**  
**BOEING 737**

# Case 2

## Operational Phase

99% OF THE WASTE BEING DESTINED TO LANDFILL



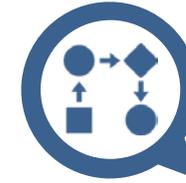
1% of waste was recycled



99% of waste destined for landfill



120 tonnes of waste per month



Unproductive waste management operational flow



Central waste in **poor condition**



# Case 2

## Operational Phase

99% OF THE WASTE BEING DESTINED TO LANDFILL

### Strategy

1. Create airport waste inventory

Types of waste

Waste generators

Checking In  
Custom Control  
Passport Control  
Transit Zone  
VIP Zone  
Baggage Claim  
Departure  
Toilet  
*etc.*



# Case 2

## Operational Phase

99% OF THE WASTE BEING DESTINED TO LANDFILL

### Strategy

- 
2. Respect and enforce local environmental laws and VINCI Airports Environmental Policy (AirPact)



# Case 2

## Operational Phase

99% OF THE WASTE BEING DESTINED TO LANDFILL

### Strategy

- 
3. Set targets for % of recycling, expenditures and revenues with waste management



# Case 2

## Operational Phase

99% OF THE WASTE BEING DESTINED TO LANDFILL

Strategy

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4. Review the operational flow





# Case 2

## Operational Phase

99% OF THE WASTE BEING DESTINED TO LANDFILL

### Strategy

- 
6. Contracting of specific companies for each type of waste generated



# Case 2

## Operational Phase

99% OF THE WASTE BEING DESTINED TO LANDFILL

### Strategy

7. Management of % recycling, expenses and revenues from the management of waste



Costs  
reduction



Revenue  
generation



# Case 2

## Operational Phase

99% OF THE WASTE BEING DESTINED TO LANDFILL

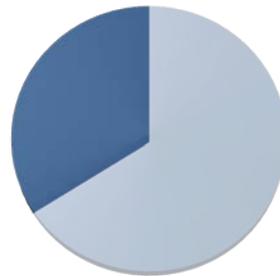


Goals for % of Salvador Bahia Airport recycling

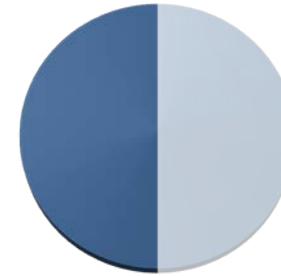
Results



1%  
2017



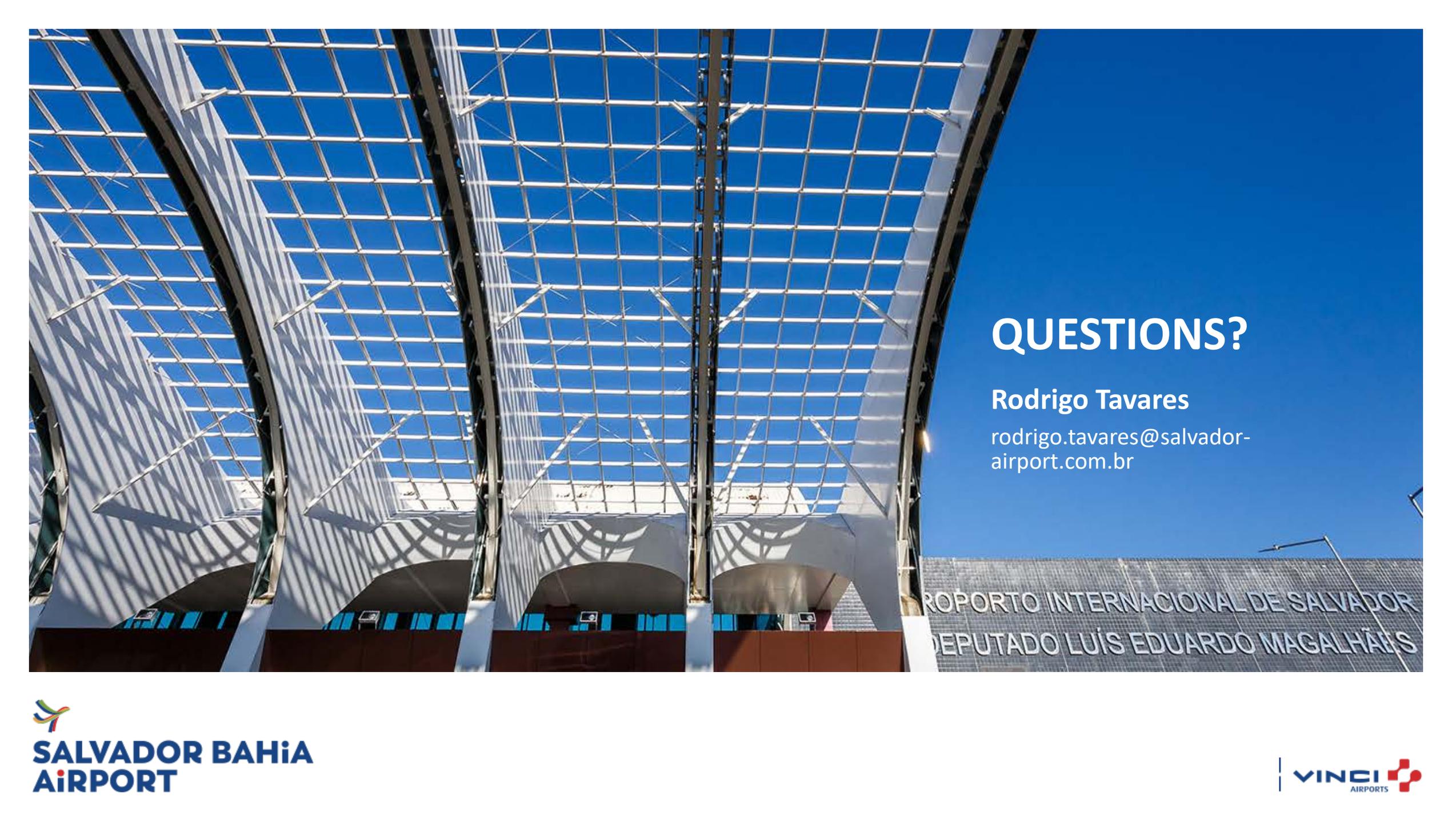
34%  
2018



50%  
2019



100%  
2021



# QUESTIONS?

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ROPORTO INTERNACIONAL DE SALVADOR  
DEPUTADO LUÍS EDUARDO MAGALHÃES