



# Agenda

- **Viracopos International Airport Overview**
  - **Supply Chain Operational Bottlenecks**
  - **Practical Adaptations**
  - **Air Cargo Future in Brazil**
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# Overview

Aeroportos Brasil Viracopos

# 100% Privately Administrated

Since June 2012, Aeroportos Brasil Viracopos holds the concession to administrate the **Viracopos International Airport** for 30 years.



Aeroportos Brasil (51% Total)

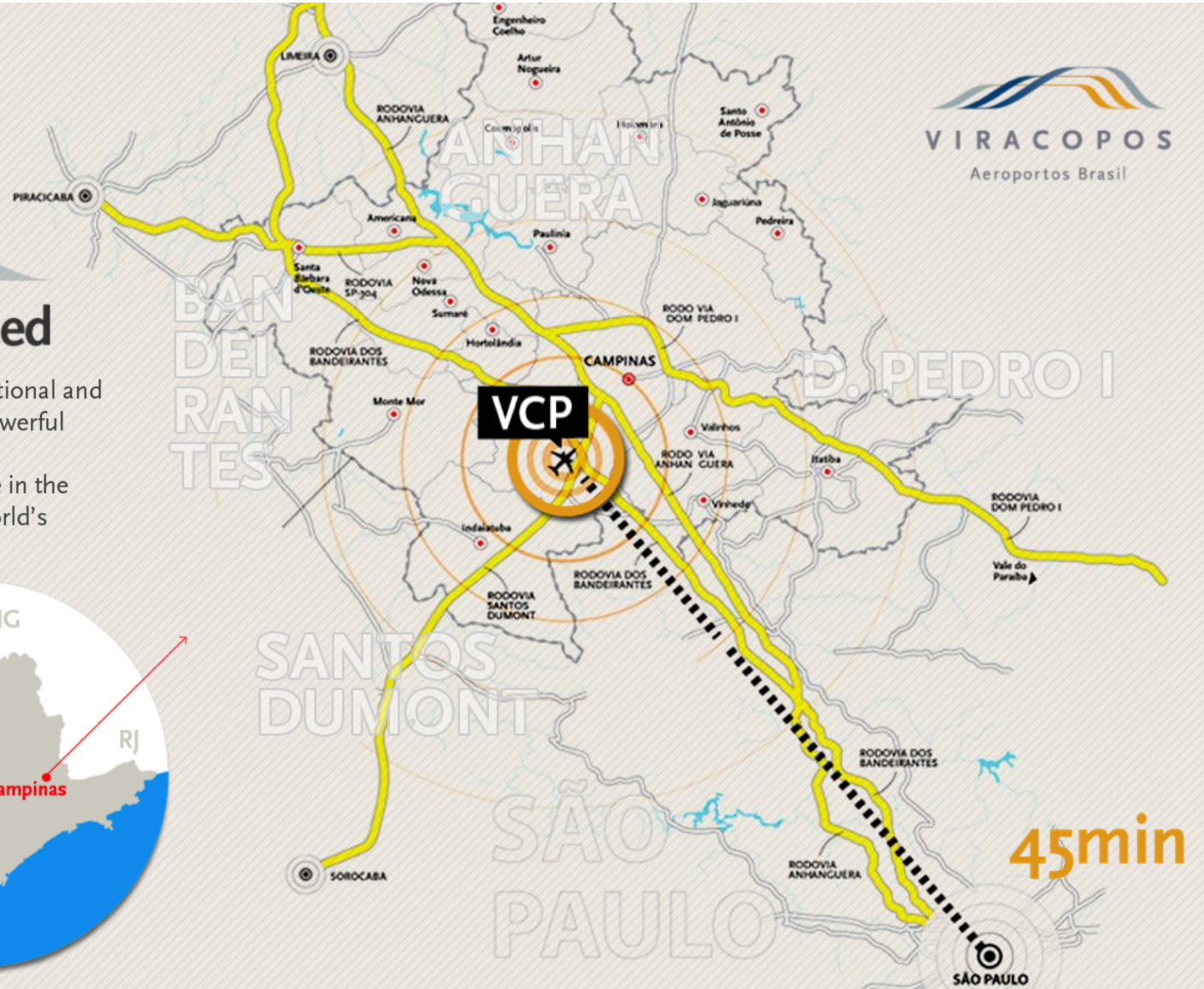
Infraero (49% Total)

Aeroportos Brasil Viracopos (100%)



## Strategically Located

- Strategic Location: Industrial, educational and technological cluster of the most powerful State of Brazil;
- More than 50,000 companies reside in the region and it is home to 50 of the world's largest 500 companies



# Top 5 Cargo Import Ranking

## Brazilian Cargo Airports



### Airport

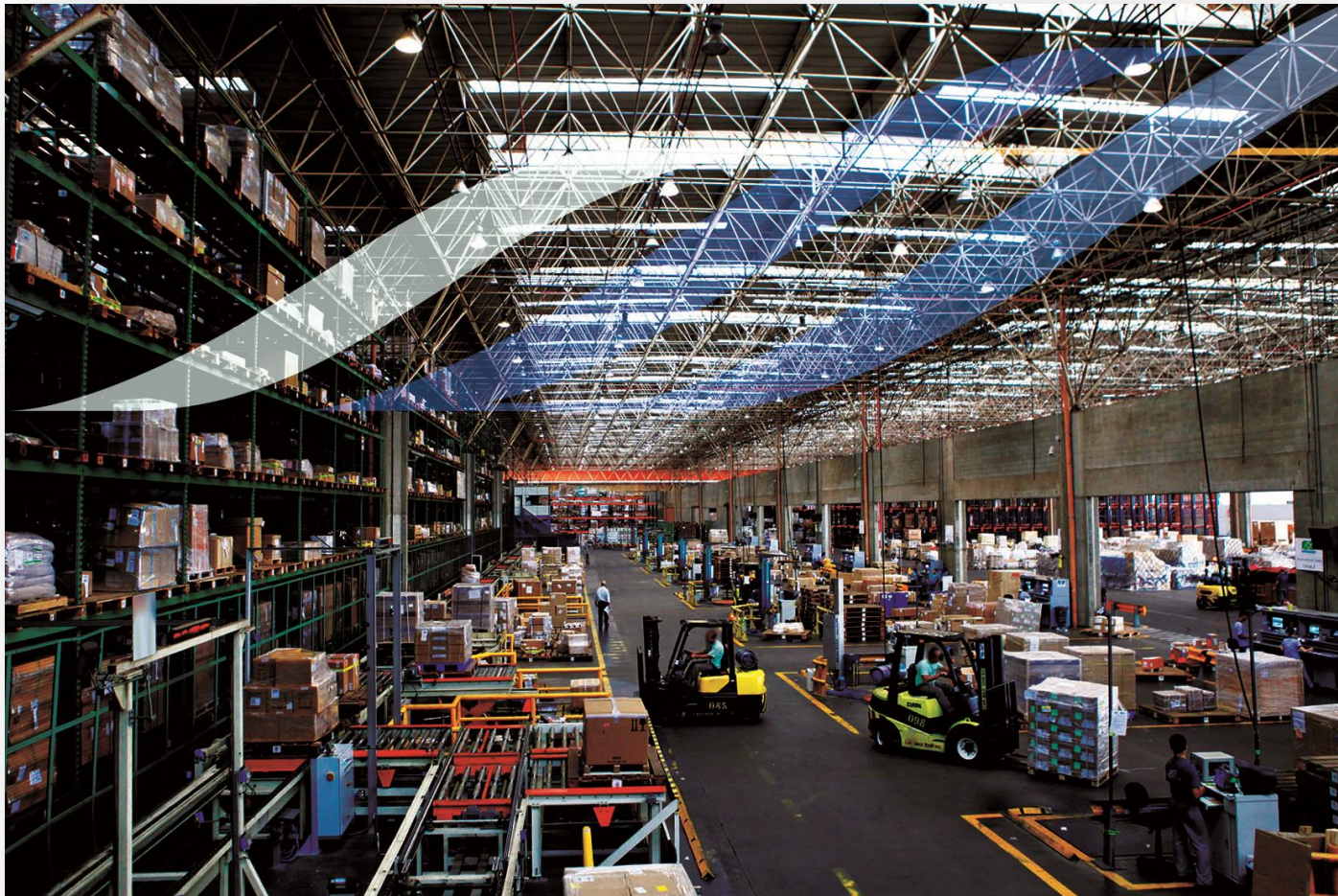
### Percentage

1	VCP (Campinas/SP)	34%
2	GRU (Guarulhos/SP)	27%
3	MAO (Manaus/AM)	12%
4	GIG (Rio de Janeiro/RJ)	9%
5	CWB (Curitiba/PR)	4%
	Outros	13%

- Responsible for **34%** of all cargo operations in Brazil;
- **Number 1** cargo Airport in Imports;
- **28** Airline Cargo Companies;
- **11** dedicated Cargo aircraft parking positions next to the Terminal
- **13.000 m<sup>3</sup>** of Refrigerated Warehousing



# #1 Airport in Brazil for cargo efficiency



**Reference:** Federação das Indústrias do Estado do Rio de Janeiro FIRJAN



## New Passengers Terminal

- **14 million** passengers capacity per year
- **28 boarding** bridges
- **7 new** remote airplane positions
- Garage building for **4.000 vehicles**
- Aircraft **Runways expansion**
- **145.000 m<sup>2</sup>** area
- **35 new** aircraft positions (+ 30 existing)





# First Cycle

May, 2014

14 million  
passengers

314.000 tons  
(cargo)





# Second Cycle

Scheduled for 2018

22 million  
passengers

370.000 tons  
(cargo)

2nd Runway Code F, with  
simultaneous operation



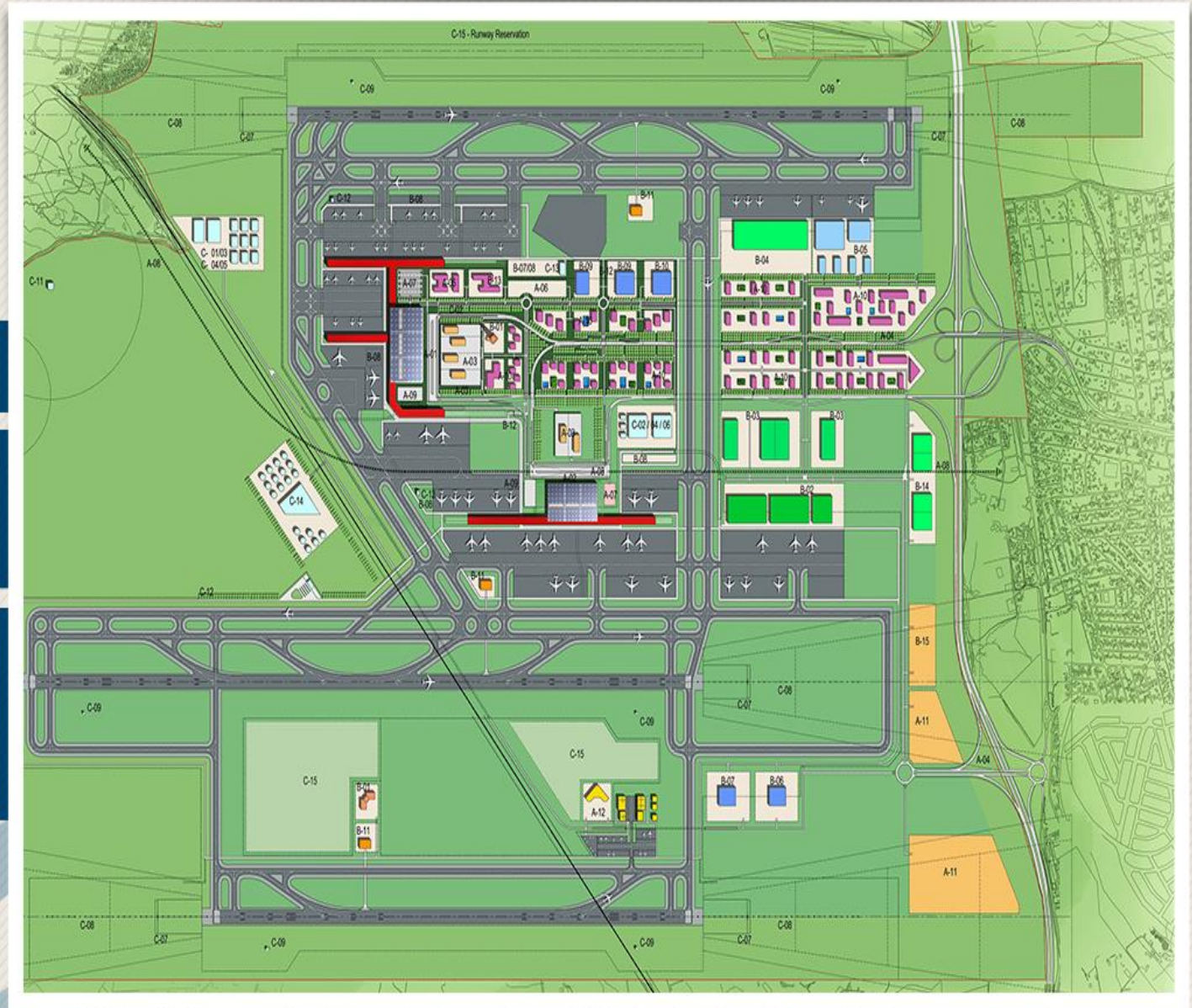


# Third Cycle

Scheduled for 2024

45 million  
passengers

474.000 tons  
(cargo)



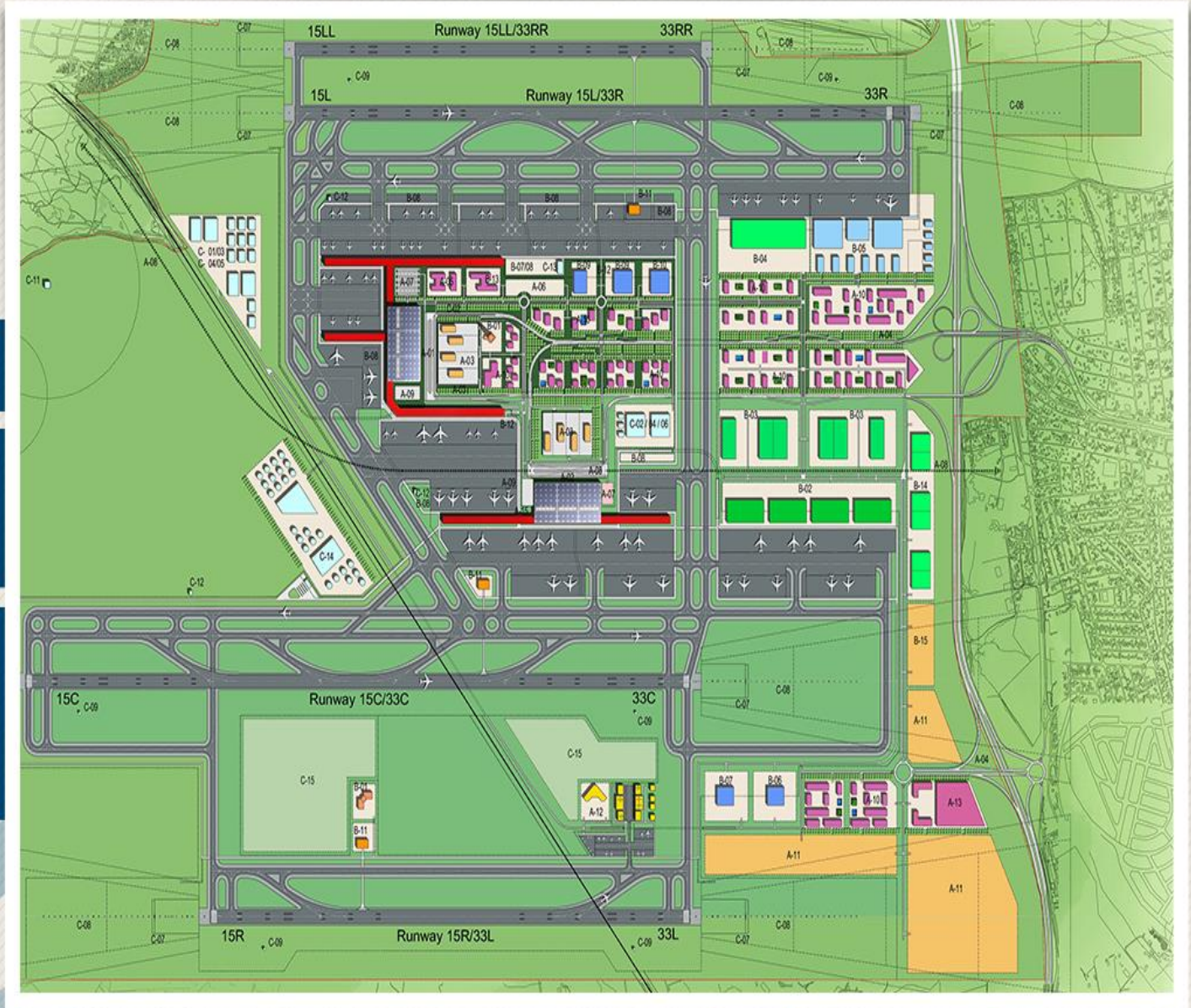


# Fourth Cycle

Scheduled for 2033

65 million  
passengers

680.000 tons  
(cargo)



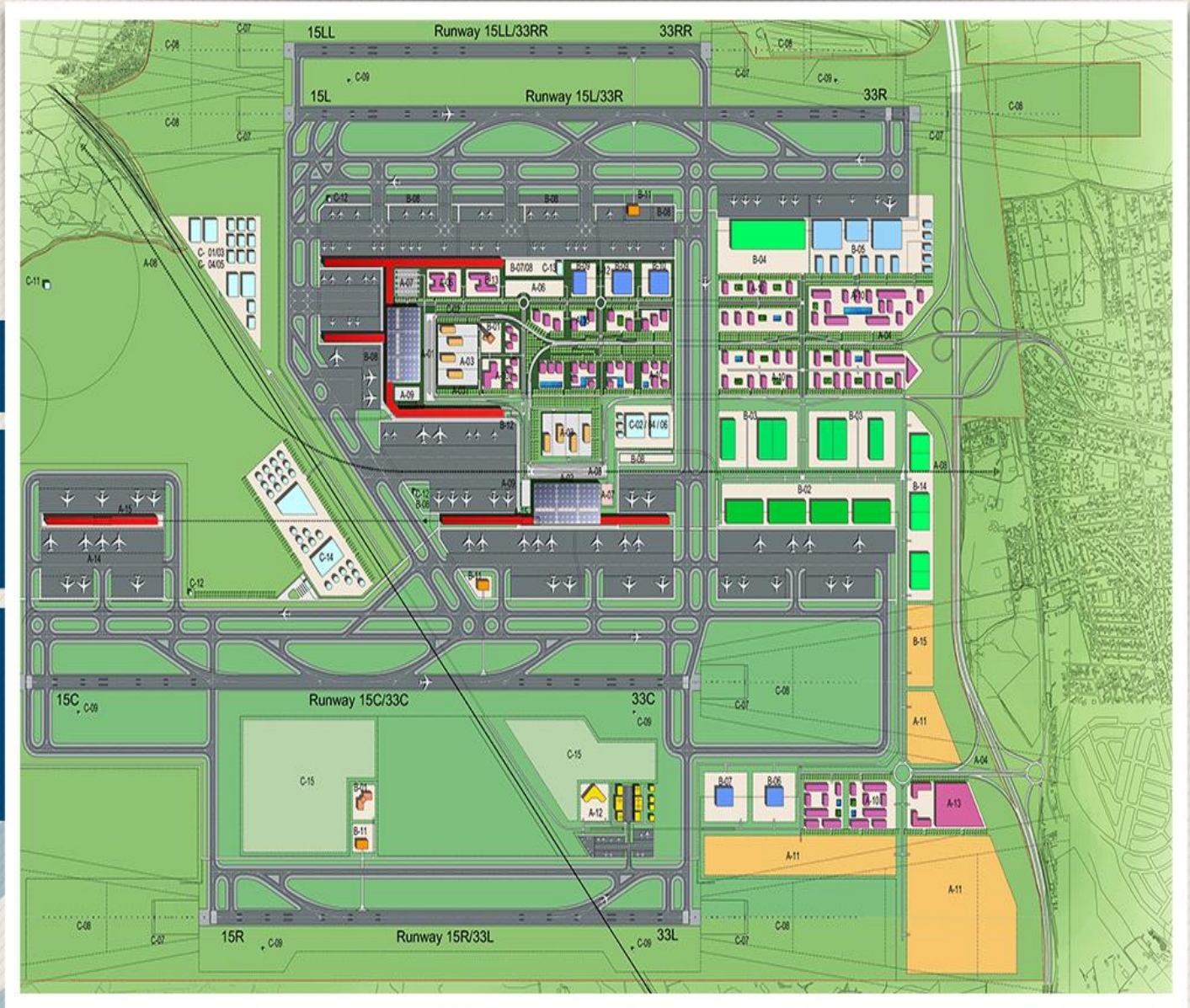


# Fifth Cycle

Scheduled for 2038

80 million  
passengers

850.000 tons  
(cargo)







## International Hub

Projected to be the main hub of flights in Latin America, Viracopos Airport is a natural pole of investments' attraction.

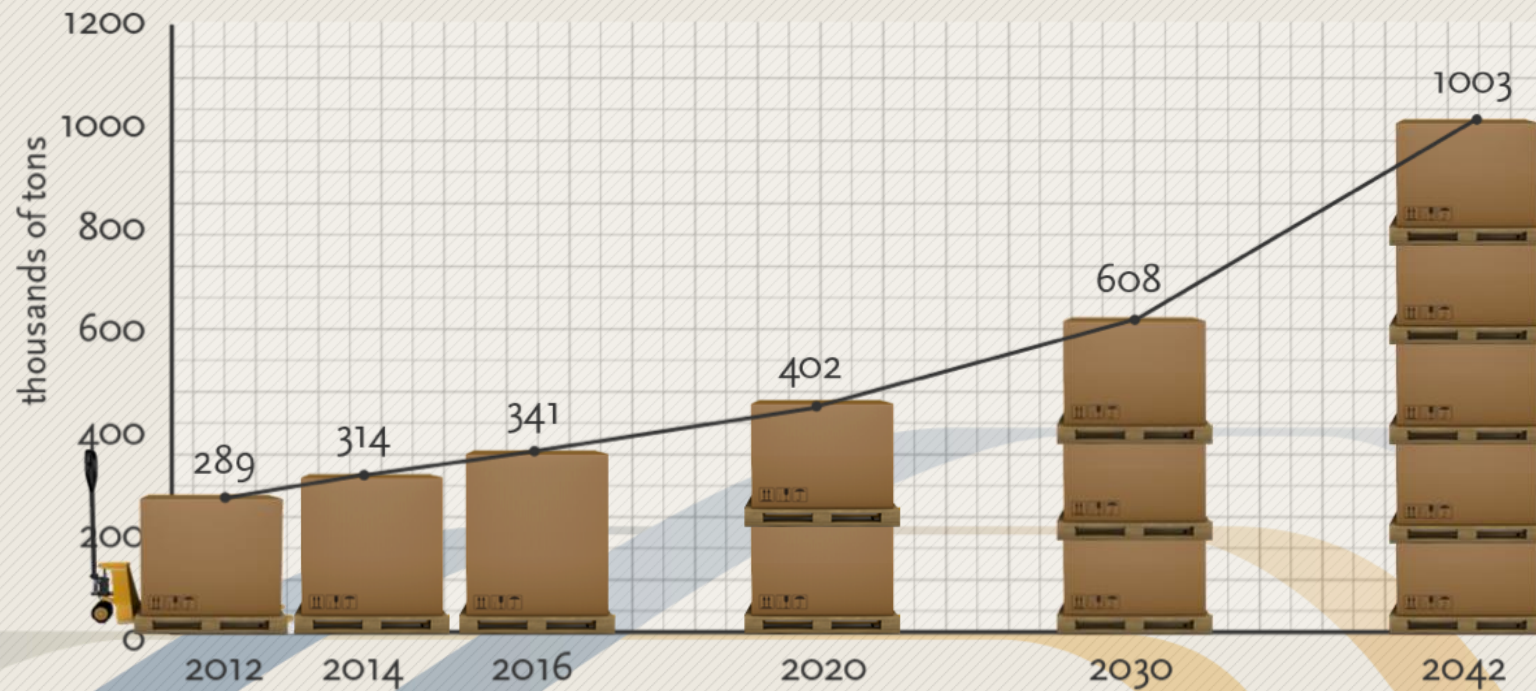
- Investments - Federal, State and local governments
- Multimodal complex
- Air, road and railway integration
- Economic development induction





# Air Cargo Demand

Current (2012) and Planned (until 2042)



# Supply Chain

Operational Bottlenecks

# Operational Bottlenecks

<i>Evento</i>	<i>Interveniente</i>	<i>Tempo</i>	<i>Peso<sup>1</sup></i>
1 - Chegada da Aeronave X Informação no Mantra	Cia Aérea	07:16	13,26 %
2 - Informação no Mantra X Encerramento no Mantra	Viracopos	08:00	14,00 %
3 - Encerramento no Mantra X Aval da Cia Aérea	Cia Aérea	05:04	9,00 %
4 - Aval da Cia Aérea X Visado	Receita Federal	02:15	4,00 %
5 - Visado X Vínculo da DI	Despachante	28:58	52,00 %
6 - Vínculo da DI X Desembarço da DI	Receita Federal	03:17	5,00 %
7 - Desembarço da DI X Entrega de Documentos	Despachante	00:00	0,00 %
8 - Entrega de Documentos X Liberação na Viracopos	Transportador/Viracopos	00:02	0,00 %
Tempo Médio Total no Período:			54:54



# Operational Bottlenecks

<i>Evento</i>	<i>Interveniente</i>	<i>Tempo</i>	<i>Peso<sup>1</sup></i>
1 - Chegada da Aeronave X Informação no Mantra	Cia Aérea	05:08	19,48 %
2 - Informação no Mantra X Encerramento no Mantra	Viracopos	07:08	27,00 %
3 - Encerramento no Mantra X Aval da Cia Aérea	Cia Aérea	05:25	20,00 %
4 - Aval da Cia Aérea X Visado	Receita Federal	00:13	0,00 %
5 - Visado X Vínculo da DI	Despachante	04:22	16,00 %
6 - Vínculo da DI X Desembarço da DI	Receita Federal	04:06	15,00 %
7 - Desembarço da DI X Entrega de Documentos	Despachante	00:00	0,00 %
8 - Entrega de Documentos X Liberação na Viracopos	Transportador/Viracopos	00:00	0,00 %
Tempo Médio Total no Período:			26:24

# Practical Adaptations

How to Overcome the Obstacles

- **WMS (Warehouse Management Systems)**
  - Intelligent practices
  - Operational agility
  - Integration with Customs Brokers and Receita Federal
- **Importer Preparation**
  - Documentation improvements
  - Focus on liberation performance
- **Pioneering Programs Linked to Legislation**
  - E-AWB (Pilot Program IATA/RFB/Viracopos)
  - Linha Azul
  - Recof



# Air Cargo

Brazil's Future

# Brazil's Air Freight Future

- **More Concessions / Privatization**
  - Airports, Ports, Highways, Railways
  - Moving paradigms: Client-Focused Approach, Value-added services
  - International Passenger Flights
- **Domestic Air Cargo Development**
- **Implementing Foreign Know-How and Best-Practices**
  - Processes and infrastructure
- **Balancing the Trade Equity**





VIRACOPOS  
UM AEROPORTO EM MOVIMENTO

Thank You!