

# Tais Scherer

Construction Project Manager at INFRAERO

## Professional Portfolio



Salgado Filho International Airport, Porto Alegre, Brazil



**Empresa Brasileira de Infraestrutura Aeroportuária**  
*Brazilian Airport Infrastructure Company*  
[www.infraero.com.br](http://www.infraero.com.br)

## Tais Scherer – Construction Project Manager

---

With a background in Architecture and Urbanism, Tais Scherer worked as Construction Project Manager at Infraero, the Brazilian company for airport infrastructure and administration. Initially hired in 2010 as an architect, she was quickly assigned to managerial roles at the company evolving from design team manager, to planning team manager, to project manager and finally to a PM consultant for engineering teams in other airports all over the country.

## About INFRAERO

---

INFRAERO is a national public company with more than 40 years of experience and it is one of the three largest airport operators in the world, administrating nowadays 55 airports throughout Brazil. Throughout its airports, there are more than 100 million passengers transported per year, representing about 60% of the air movement in the country, which places the company in a prominent position in the national aviation scenario, managing from large airports to some small ones that serve the function of representing the sovereignty of Brazil in distant and border areas. Many of its airports are considered true business centers and accommodate a wide range of economic activities, from retail, food and airport media, to outside ventures such as hotels, hangars, convention centers, and parking lots. Infraero is also partner from conceded airports - with a 49% participation of the airports of Brasília, the Federal District, Guarulhos and Viracopos, in São Paulo, Confins, Minas Gerais and Galeão, in Rio de Janeiro.

<http://www4.infraero.gov.br/>

# Project Management Consulting

---

January/2015 to March/2017

Tais Scherer integrates a department that manage the engineering enterprises and she is responsible for the governance of the project management methodology. Her team consists of two architects and nine engineers and gives support to engineering units about the methodology and execution of projects.

In addition to the governance tasks, she has been appointed to strategic projects that required experience on the company processes and strong communication skills. Those below are the most important ones:

## Risks Management methodology implementation

Responsible for implementing the risk management methodology on the engineering initiatives. The methodology was tested and implemented on two pilot projects:

- New infrastructure of Vitória International Airport: it includes runway, aircraft parking, passenger terminal; Budget: CAD 200MM
- Runway and Aircraft parking area restoration design of Congonhas International Airport: including the design to modernize the runways preexisting. Estimate budget: CAD 26MM

Period: May/2016 to March/2017

Challenge: engage engineering managers in risk management and overcome the company resistance on this topic.

## Congonhas International Airport – São Paulo, SP

Responsible for planning the remodeling design project for the aircraft parking area and runway. Tais has worked on the planning of scope, schedule and human resources.

Period: February/2015 to June/2016

Challenge: organize the planning when the project had already started. Tais took over the project when the functional manager had started it by himself and this situation added more tasks, as to deal with his ideas of what should be the planning.

## Deputado Luis Eduardo Magalhães International Airport – Salvador, BA

Responsible for replanning the infrastructure modernization project. She worked with the main stakeholders (Infraero and subcontractors engineering teams, airport authorities, and clients as airlines and airport stores representatives) to engage them on planning, fulfilling their requirements and finishing the construction. Tais worked on elaborating a new scope and schedule to finish the modernization constructions within the available financial resources.

Period: February/2015 to July/2015



Challenge: engage different stakeholders on the planning process accommodating conflicting interests and focusing on finishing the intervention for infrastructure modernization. The services were ongoing when she was assigned to help replanning the remaining services and to intervene on the significant communication issues that were observed.

#### Governance of project management methodology

Responsible for supporting to the project managers from these airports:

<i>ICAO</i>	<i>Name</i>	<i>City</i>	<i>Status</i>
SBAR	Aeroporto de Aracaju	Aracajú, SE	National
SBBV	Aeroporto de Boa Vista	Boa Vista, RR	International
SBCZ	Aeroporto de Cruzeiro do Sul	Cruzeiro do Sul, AC	International
SBEG	Aeroporto de Manaus	Manaus, AM	International
SBIL	Aeroporto de Ilhéus	Ilhéus, BA	National
SBPV	Aeroporto de Porto Velho	Porto Velho, RO	National
SBSV	Aeroporto de Salvador	Salvador, BA	International
SBTF	Aeroporto de Tefé	Tefé, AM	National
SBTT	Aeroporto de Tabatinga	Tabatinga, AM	International
SBUF	Aeroporto de Paulo Afonso	Paulo Afonso, BA	National

Period: January/2015 to March/2017

Challenges: Manage the cultural diversity and conflicted interests of stakeholders from different airport sites all around the country.

# Planning and Design Leader

---

Jul/2010 to Oct/2014

## Planning Team, September/2013 to October/2014

Tais Scherer led a team of engineers that controlled the constructions contracts, its physical and financial execution. We were responsible for planning the schedule and cost of the engineering enterprises at Porto Alegre Airport. She also reported the project statistics to the Engineering Director.

Portfolio highlights:

- Enlargement of the Passenger Terminal 1, phase 1: CAD 75 MM, 65k m<sup>2</sup>
- Enlargement of the Aircraft Parking Area 1: CAD 31MM, 53k m<sup>2</sup>
- New Cargo Aircraft Parking Area: CAD 28MM, 40k m<sup>2</sup>
- Several contracts to control the constructions: CAD 10MM

## Design Team, July/2010 to August/2013

She led the team of engineers and architects that were responsible by designing and controlling subcontracted teams of designers that were working on the infrastructure enlargement of the Porto Alegre Airport. She was responsible for the technical guidance and team productivity.

The team was responsible for controlling the physical and financial execution of various projects, with a total budget of CAD 7 MM.

Portfolio highlights:

- Enlargement of the Passenger's Terminal 1 and Aircraft Parking Area 1: includes all infrastructure to enlarge the capacity from 5MM pax/year to 20MM pax/year, while maintaining the current infrastructure operational.
- New International Cargo Terminal and Aircraft Parking Area: totally new infrastructure to process international cargo, with aircraft parking and trucks parking; it also includes administrative building and accessory installations.
- Runway Enlargement: it was composed by a technical study to contract the design to enlarge the principal runway and its accesses; it includes also a large macrodrainage and modifications on the public streets within the surroundings of the site.
- New equity walls: walls around the perimeter of the airport site and its internal service road.

# Project Manager

---

Ago/2011 to Jun/2014

Responsibilities: project management activities

Objectives: Controlling the activities for the enlargement of the Passenger Terminal 1 and Aircraft Parking 1 at International Airport Salgado Filho, at Porto Alegre, Brazil

Period: August/2011 to June/2014

Budget: CAD 85 MM

Passenger Terminal Area: enlargement from 35k m<sup>2</sup> to 120k m<sup>2</sup>

Passenger Terminal Capacity: enlargement from 7 MM pax/year to 20 MM pax/year

Aircraft Parking area: enlargement of 53k m<sup>2</sup>



3D Modelling Passenger Terminal outside view



3D Modelling Passenger Terminal inside view

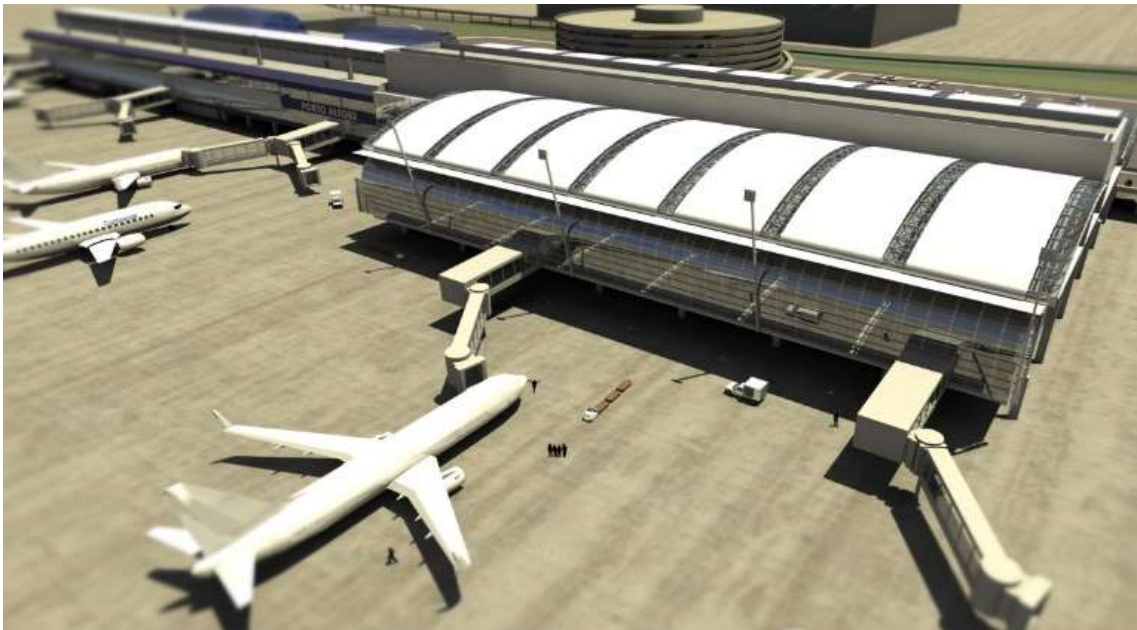
Enlargement construction Phase 1: the first phase started in February/2013 with the aircraft parking, which is been finished by the new company that administrate the airport after the concession.

Passenger Terminal area: 65k m<sup>2</sup>

Capacity: 16 MM pax/year

Aircraft Parking: 53k m<sup>2</sup>

Contracts: CAD 103 MM



3D Modelling Passenger Terminal Phase 1 outside view



Passenger Terminal with enlargements constructions





New Aircraft Parking



Passenger Terminal Enlargement



# Architect / Airport terminal design

Jan/2010 to Jan/2015

Tais Scherer were responsible for the conceptual study for the passenger and cargo terminals. Below are some of the most important projects developed for enlarging or remodeling the zoning activities and the processes flow.

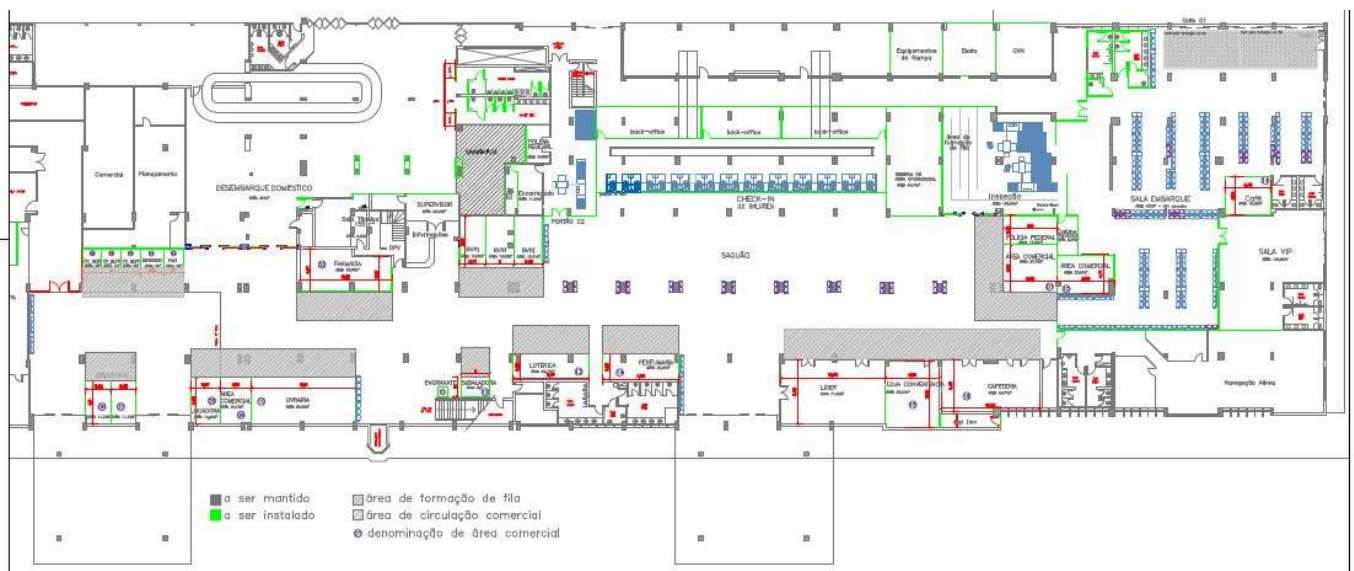
## Passenger Terminal 2 remodeling design, 2010

Objective: remodel zoning of activities and the flow of processes to restart operations in a disabled terminal. Responsible for the design and controlling the execution.

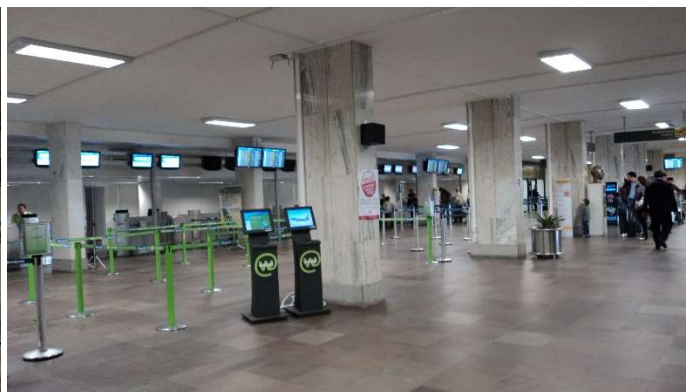
Area: 5k m<sup>2</sup>

Challenges: time limitations - 3 month to get all the modifications done.

Because of my performance on conducting this project, I received an honorable mention of the airport authority.



1º floor – Passenger Terminal 2



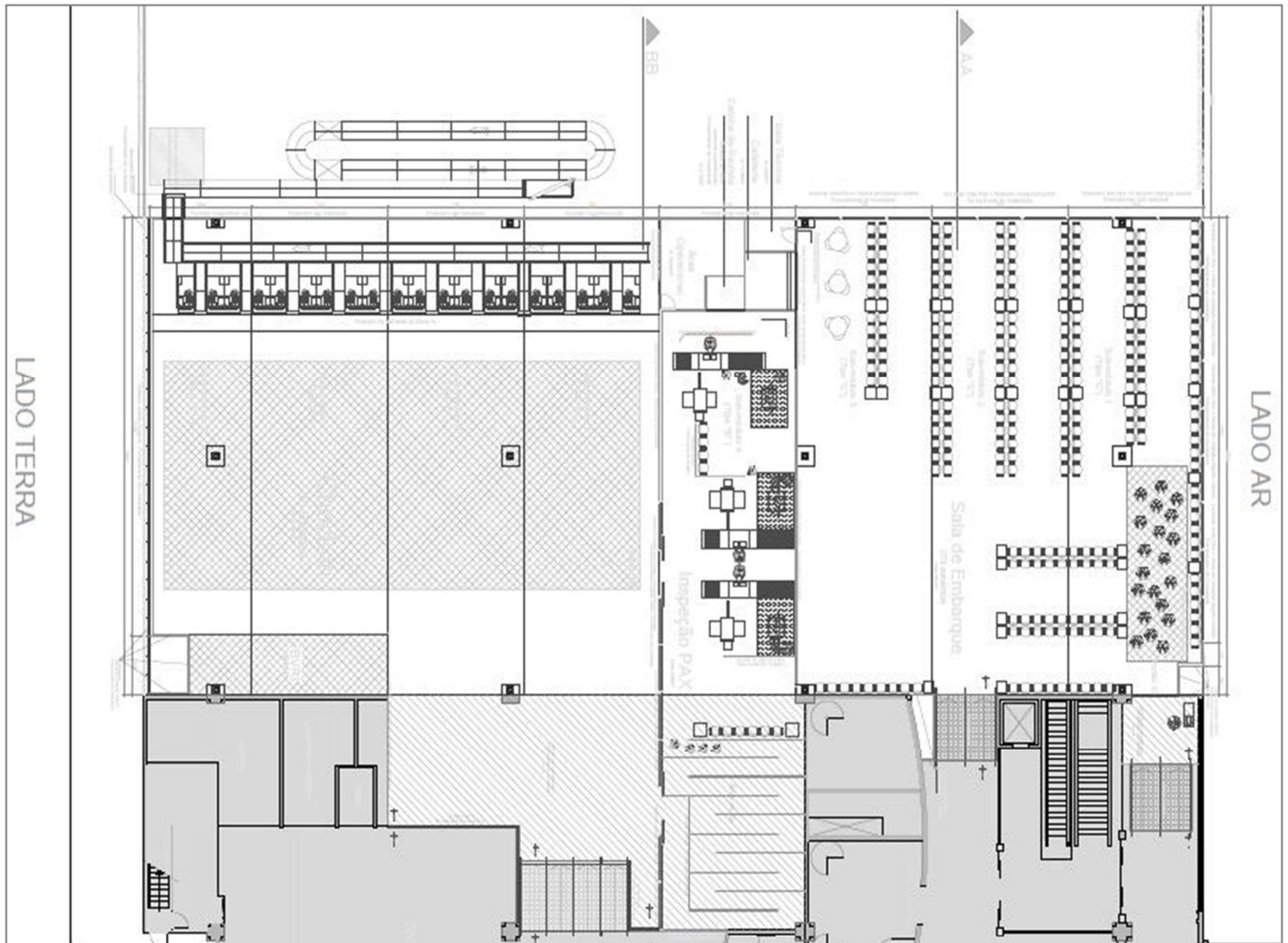
Check-in, Inspection and departure views

Departure LATAM enlargement design, 2011

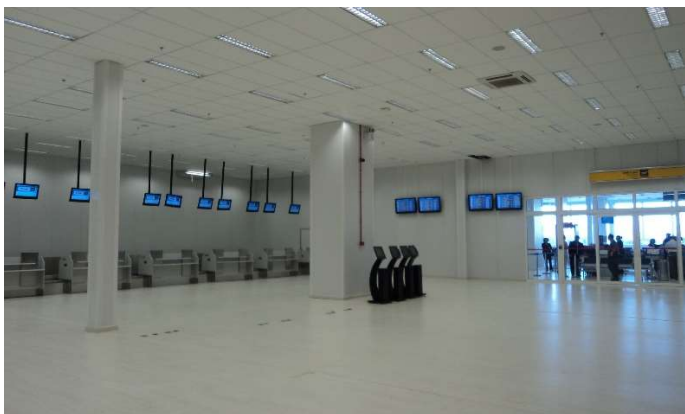
Objective: enlarge the check-in, inspections and gate areas. Responsible for the contemplating zoning activities and the architecture solution.

Area: 2k m<sup>2</sup>

Challenges: fulfill all the processes necessities in a preexisting and limited area.



2º Floor – Terminal Passenger 1



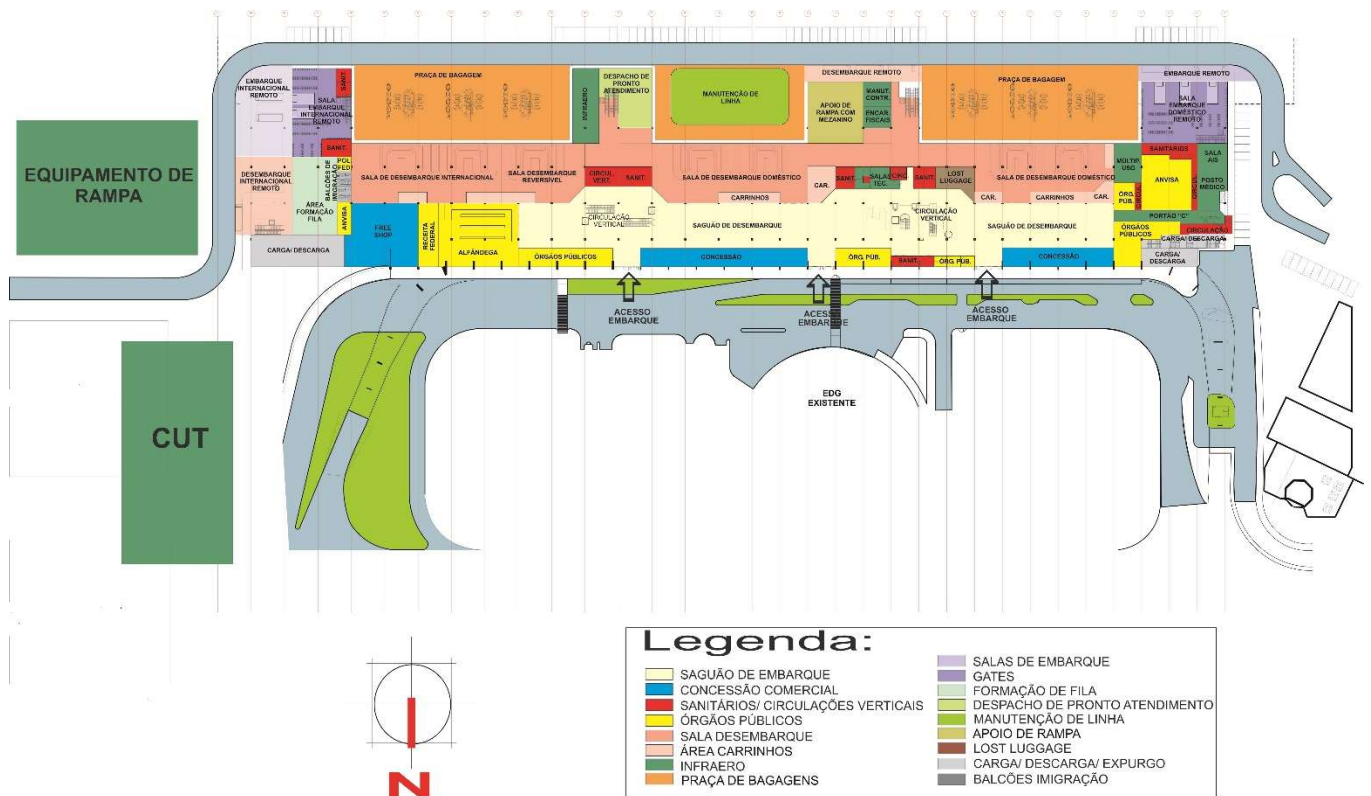
Check-in, Inspection and departure views

## Conceptual study for passenger terminal enlargement, 2011

Objetive: Developing the design study contemplating zoning activities and passenger/baggage processing flow. Responsible for the enlargement conception that would be contracted later.

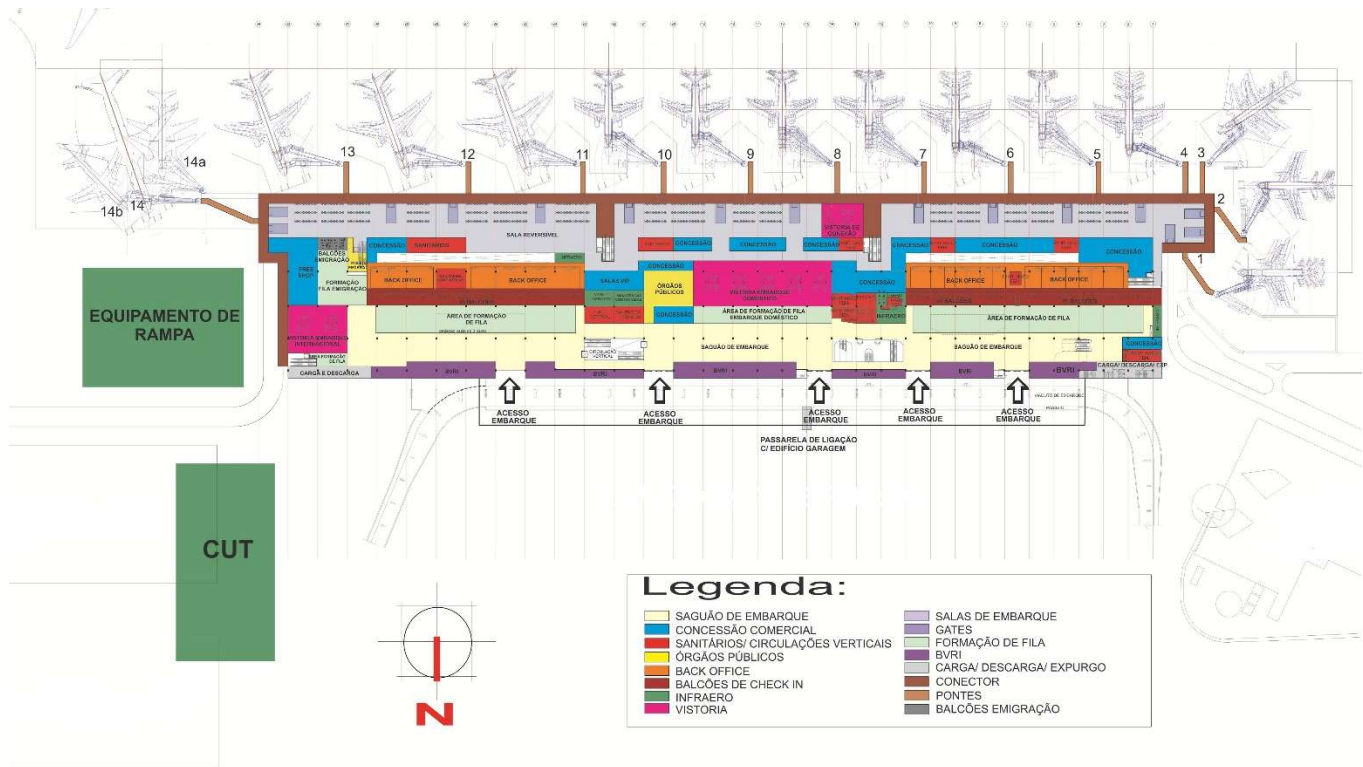
Area: 120k m<sup>2</sup>

Challenges: enlarge the terminal area to fulfil the necessities of capacity enlargement from 5MM pax/year to 20 MM pax/year; to make sure that all public services and air companies necessities will be attended; combine the new requirements with the old structure present on the terminal; design the constructions's phases in order to keep some infrastructure operating during the construction; attempt to the external organizations demands.

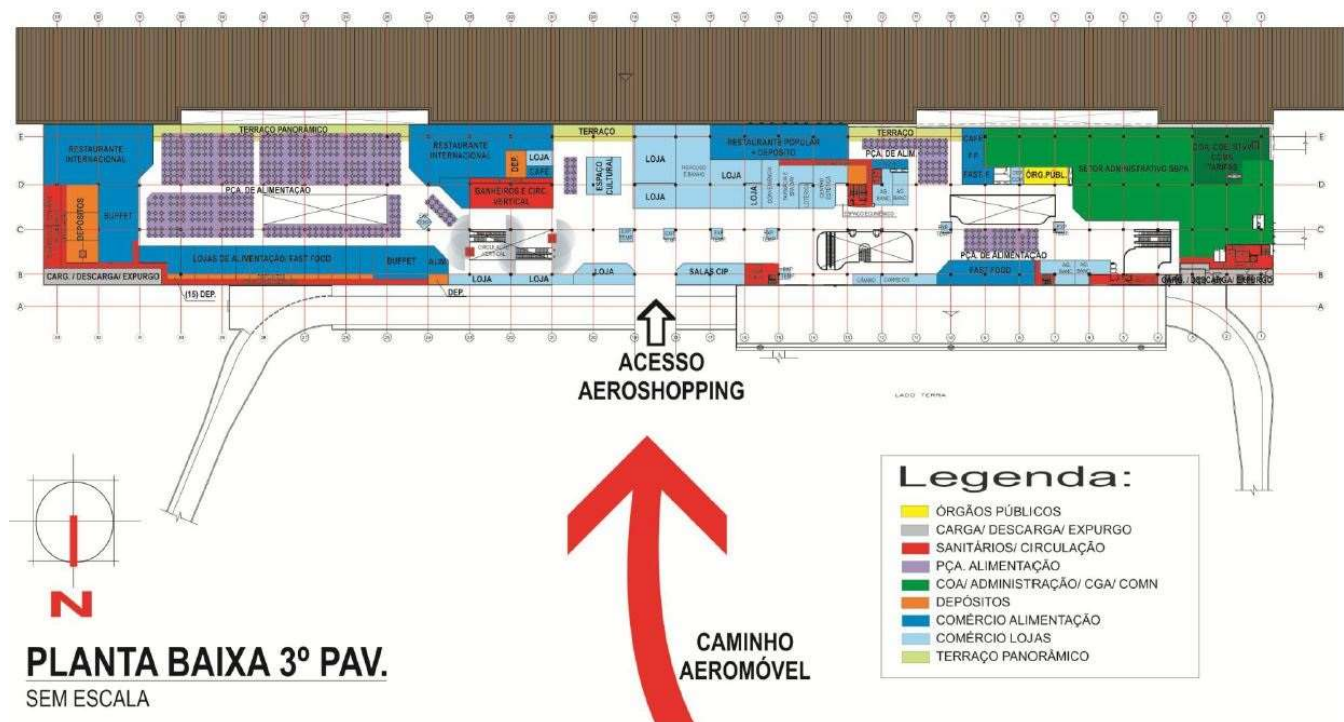


**PLANTA BAIXA 1º PAV.**  
SEM ESCALA





**PLANTA BAIXA 2º PAV.**  
SEM ESCALA



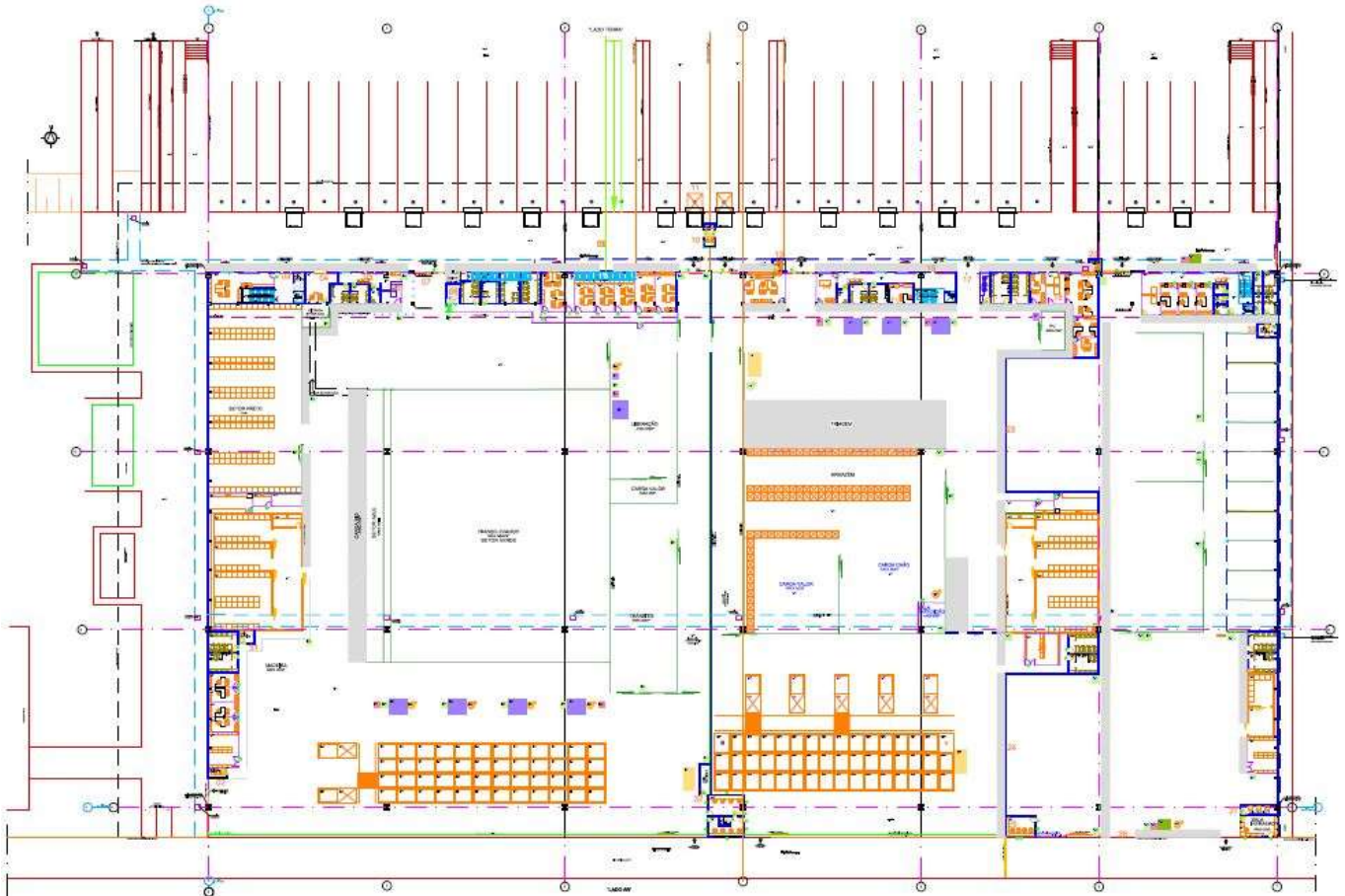
**PLANTA BAIXA 3º PAV.**  
SEM ESCALA

## Layout to the New Cargo International Terminal, 2012

Objective: develop the intern flow layout of importation, exportation and domestic cargo to the new cargo terminal.

Area: 24k m<sup>2</sup>

Challenges: modernize the design with the new customs legislation.



# Personal Development

---

In the context of her work at Infraero, Tais Scherer engaged on several training and development courses related to her professional activities.

## Mid-term to long-term courses

- MBA on Engineering Project Management at Instituto de Pós-Graduação (IPOG), Porto Alegre, RS, 2014-2016;
- Training program in Airport Management – ITAérea, Aeronautical Business School, 2014.

## Short-term courses

- Project Management (online), Fundação Getúlio Vargas (FGV), 30hrs, 2013;
- Construction Sites Planning and Controlling using Microsoft Project, RJN Training Consulting, 2013;
- Implementing the Infraero's Project Management Manual (MGP), FDTE/Infraero, 2012;
- Urban Environmental Law, IAB-RS, 2012;
- Supervisors, Managers and Project Managers training program (in company) 40hrs, 2011;
- Passengers Terminal Projects – Project Solutions (in company) 32hrs, 2011;
- Project Leaders Development, Voocerto Consulting, 2010;
- Airport Engineering (in company) 80hrs, 2010;
- Public Bidding (in company) 40hrs, 2010.