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The lux-Airport journey within FLYSEC



Daniel Conrardy
Head of Airport Security

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- Country's population: 0,6 million
- Country's surface:
2.586 km²

lux-Airport: The Airport for the Greater Region

- The only airport serving 4 countries
- Centrally located in Luxembourg between Germany, France and Belgium

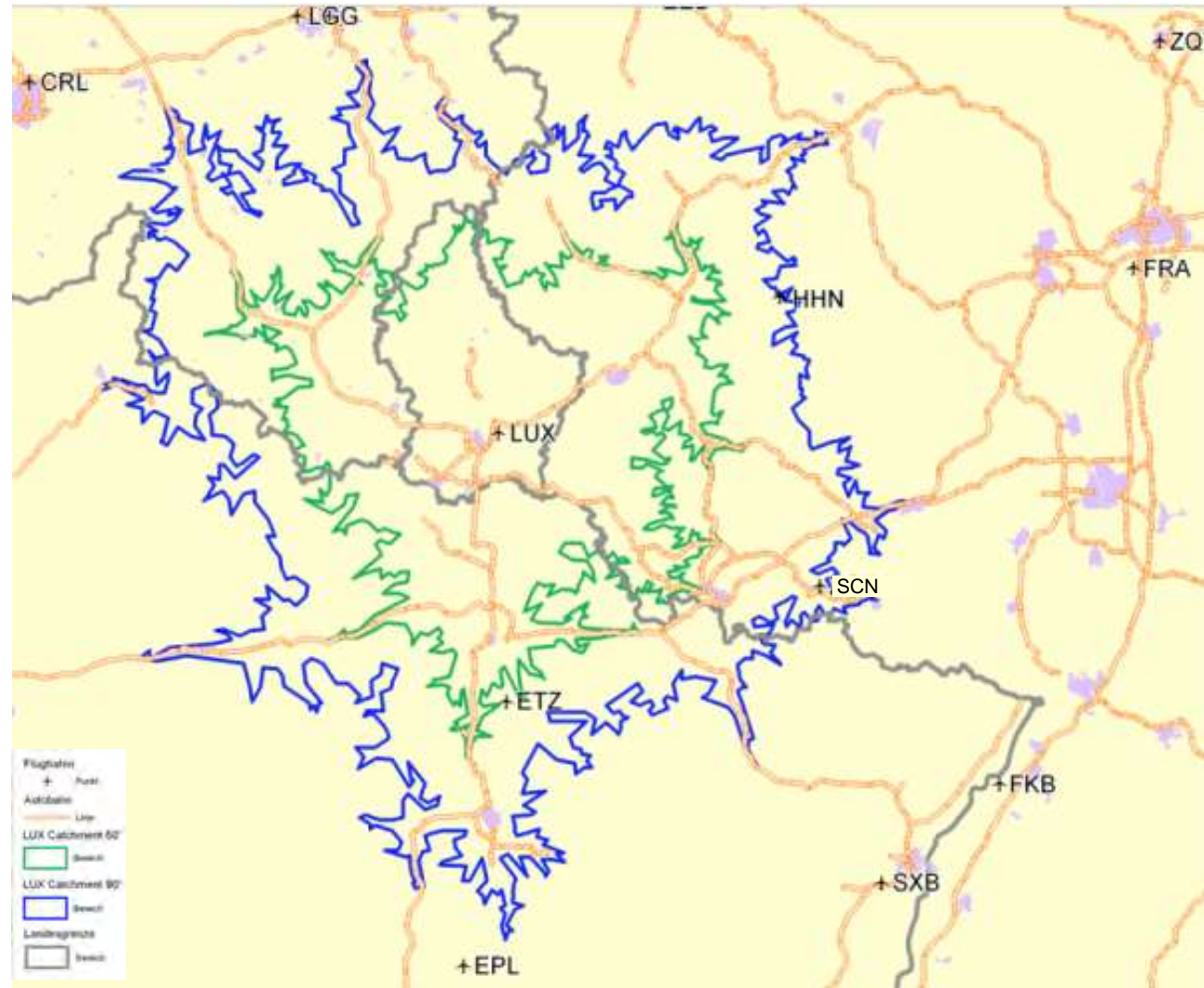
Driving times:

- 10 minutes East of Luxembourg City
- 25 min from Belgium
- 20 min from France and Germany



LUX catchment area

- Country's population: 0,6 million
- International catchment area of:
 - 1.5 million people within 60 min
 - 4 million within 90 minutes drive time
 - 9 million within 120 minutes drive time

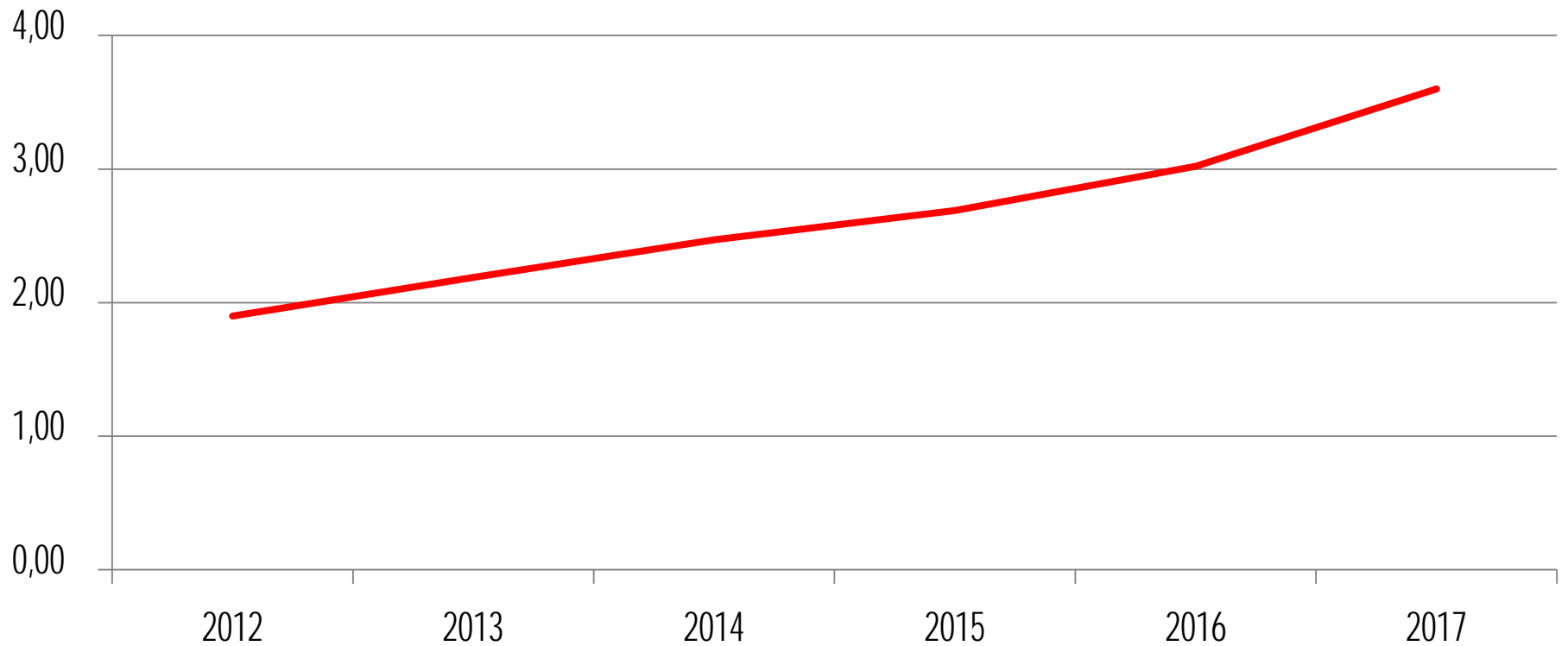




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Passengers statistics (annual passenger in million)

Luxembourg

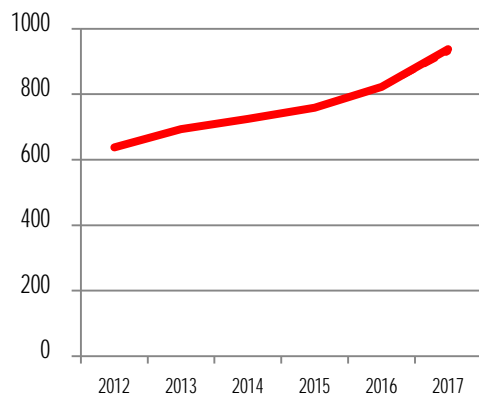


Major cargo hub: 938 000 tonnes cargo 2017

Top European Cargo Hubs

- 1 Frankfurt (FRA)
- 2 Paris (CDG)
- 3 Amsterdam (AMS)
- 4 London Heathrow (LHR)
- 5 Leipzig (LEJ)
- 6 Luxembourg (LUX)
- 7 Cologne (CGN)

Cargo Volume LUX (in 1,000 tons)



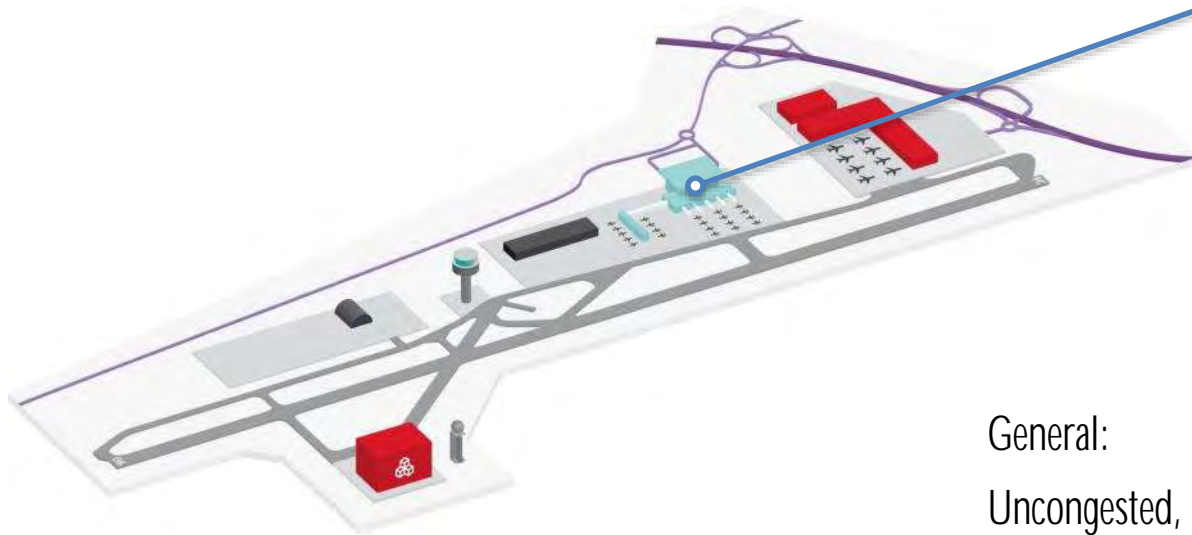
The airport

4,000 x 60 m runway

CAT III-b operation

Short taxiing distances

Suitable for up to code F aircraft



General:

Uncongested, no slot restrictions

Competitive cost structure

Curfew 23:00-06:00, exceptions possible

my airport for Shopping



my airport for Shopping



my airport for Dining



my airport for Dining



my airport for Meeting

Our new conference center



Infrastructure Development

Mai 2008: Opening of Terminal A



Infrastructure Development

June 2017: Opening of Terminal B



Infrastructure Development

Until 2019: Extension of cargo ramp (from 8 to 12 a/c stands)



Infrastructure Development

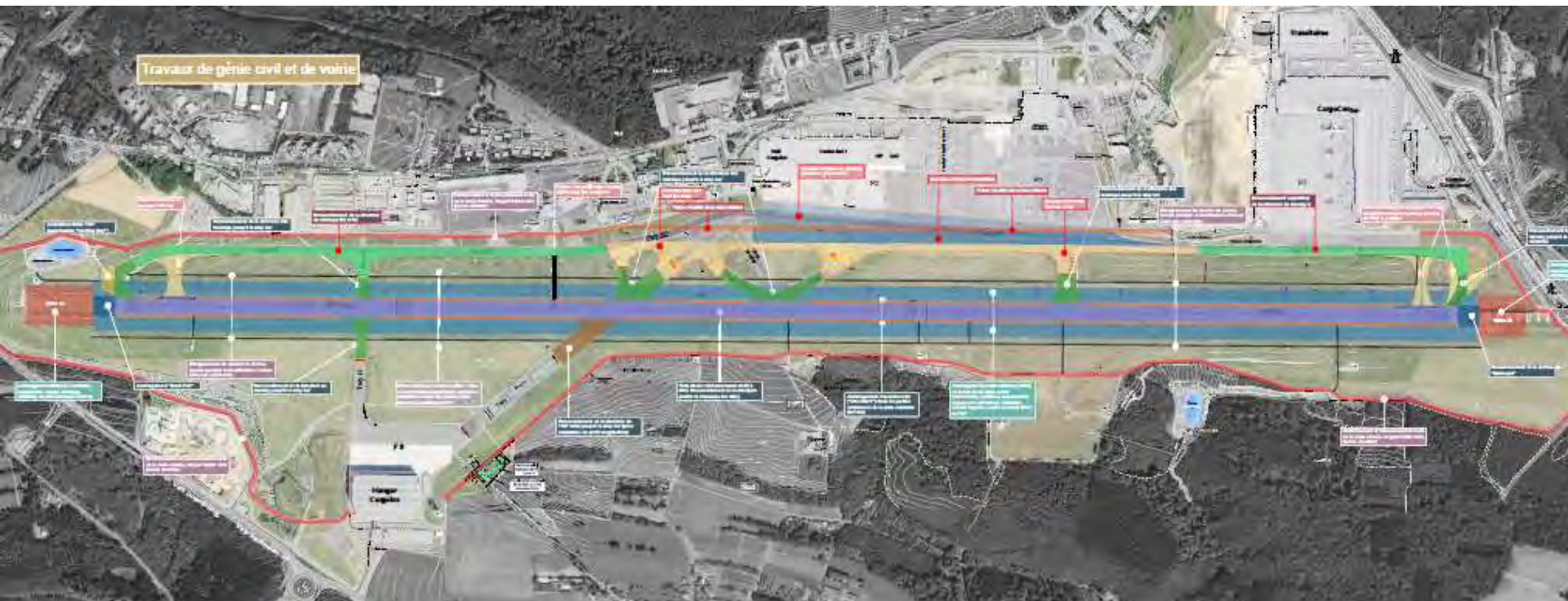
October 2017: Groundbreaking of new Cargolux headquarters



Infrastructure Development

2019-2020: Runway Renovation

- including taxiways and extension of aprons
- 258 million € project to be financed by lux-Airport



Our future: The Airport City



WWW.AIRPORT-CITY.LU

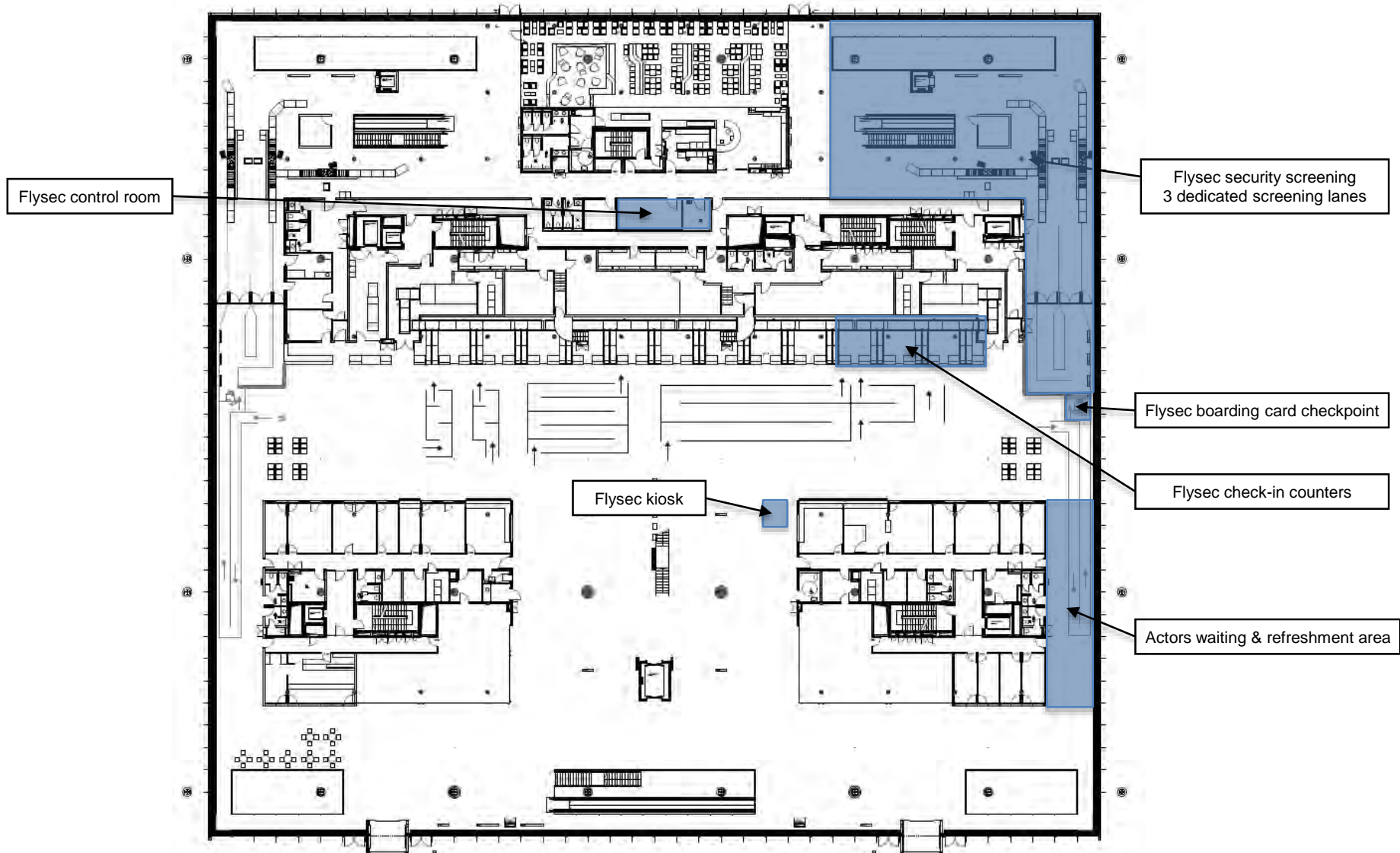
my
**AIRPORT
CITY**

- Up to 50,800 sqm office space
- High-standard hotel (210+ rooms)
- 4,000 additional parking spaces
- Supermarket and service areas (shops, laundry, Airport Service Center)
- 1,600 sqm Fitness Center
- Skypark
- Pedestrian gangways and bridges

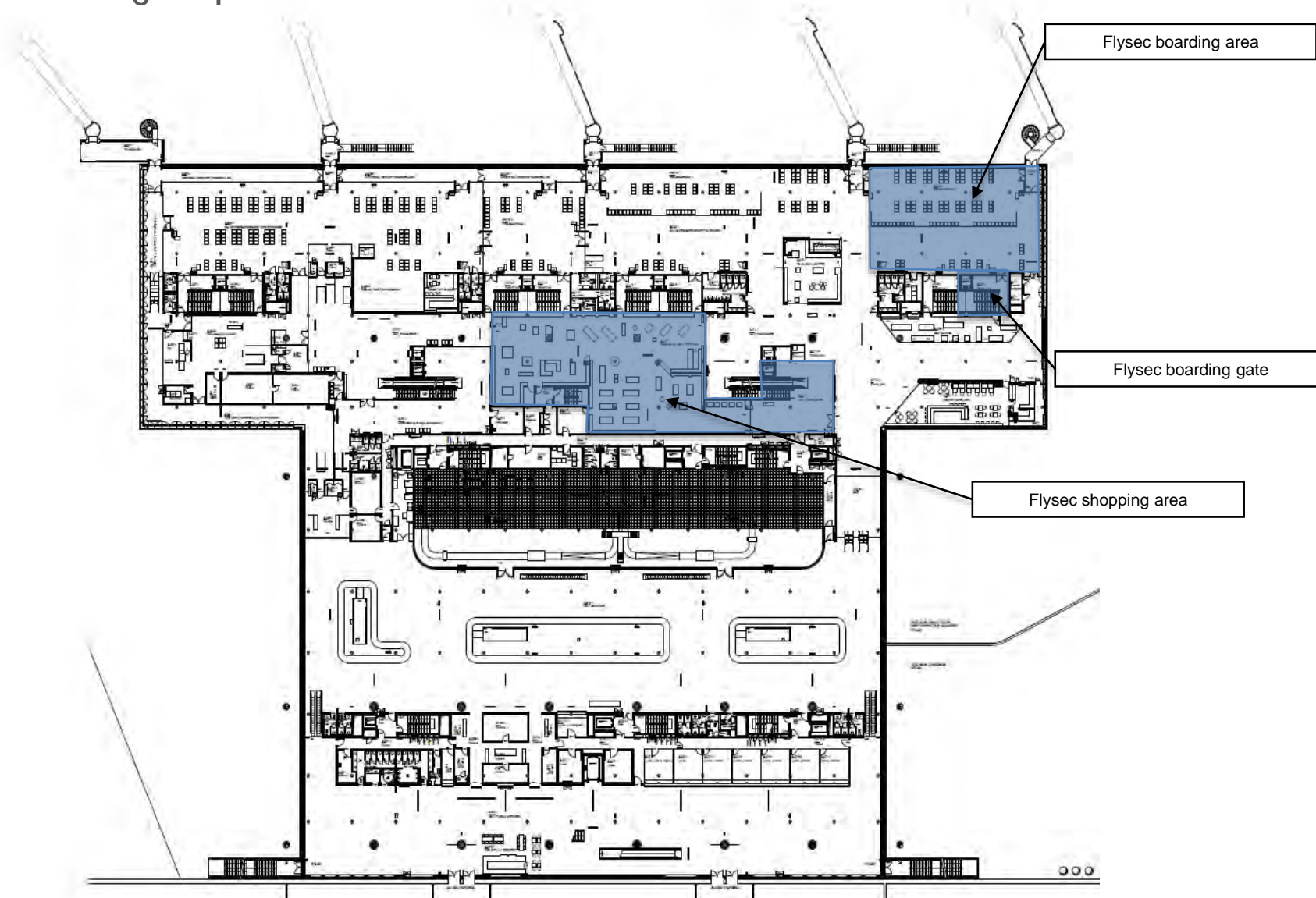
The FLYSEC field test from 19th to 23th February



Overall setting ground floor



Overall setting departure level



lux-Airport staff involved

- **Technical department:**

- 1 Project Engineer
- 2 Technicians

- **IT department:**

- 1 IT Engineer

- **Commercial department:**

- 1 Marketing & Events Coordinator
- 1 Media & Communications Coordinator

- **Security department:**

- 3 Managers
- 1 Security Supervisor
- 16 Security Officers
- 2 Security patrollers

- **Information desk**

- 1 Infodesk agent

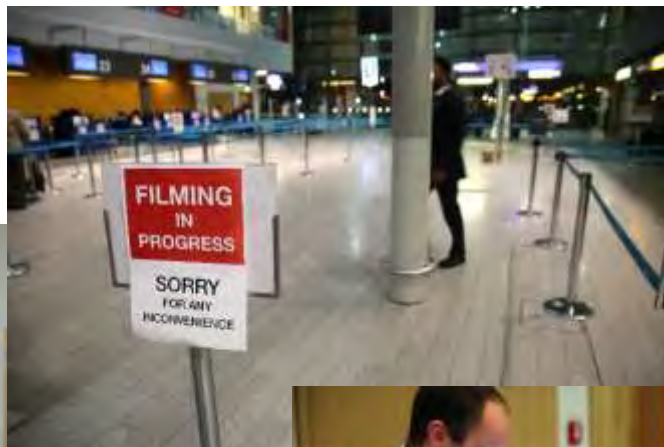
- **Operations department**

- 1 Duty Manager

- **Handling Agent (Luxair)**

- 1 Pax assistant Manager
- 1 Duty Manager

Some impressions





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Challenges for lux-Airport

- Organization of 2 different events: Integrational week (3 days) & Field test (5 days)
- Splitting of the terminal building in order to separate the project participants and actors from staff & normal passengers
- **Installation of technical equipment and IT network**
- Providing of premises (e.g. 1 control room, 2 meeting rooms, 3 check-in counters, 1 boarding card checkpoint, 3 screening checkpoints, boarding gate waiting area, boarding gate, actors waiting & refreshment area)
- Logistical support (reception/resending of Flysec equipment such as kiosk, servers, etc., supply of furniture, administrative support, boarding passes, free parking spots for , last minute orders, security escorts for Flysec technicians)



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Challenges for lux-Airport

- Maintaining normal security standards for all actors and other participants during the field test
- Coordination with national authorities (CAA, Airport Police, Customs)
- Coordination with airport stakeholders (Handling agent, Catering Services, Shop operator)
- **Keeping** normal daily operations during the field test
- **Organizing the working shifts for involved security staff**



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Challenges for Airports

- New Threats which are difficult to detect
- Landside Security
- Security Measures getting more and more complex
- Throughput
- Passenger experience
- Behavioural analysis

Being a small Airport in one of the smallest countries in Europe, I am proud that lux-Airport has been chosen to participate in this challenging FLYSEC project. It was a great experience for myself and for my whole team.

 Daniel Conrardy
Head of Airport Security

The logo for LUX airport, featuring the word "LUX" in a stylized white font above the word "airport" in a smaller white font, both set against a red square background.

LUX
airport

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Thank you and
welcome to LUX