

LUX

Annual Report

2022

Welcome

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Message from the Chair of the Board

A busy Airport during Peak Times

End of 2021 and the beginning of 2022, the Corona crisis seemed overcome, and the situation was more or less relatively stable, with a noticeable recovery of the aviation sector. Then the drop of the Ukraine crisis led to future uncertainty with additional rising prices in energy, consumption, and interest rates.

Despite all challenges, I am pleased to announce that Luxembourg Airport has successfully concluded 2022 with a passenger volume approaching pre-crisis levels, reaching an impressive 4.05 million travelers. Although a complete return to the numbers seen in 2019 is expected by 2024, the figures for 2022 represent an encouraging 93.3% of pre-pandemic levels.

Our airport experienced exceptionally high passenger numbers throughout the year during peak hours, specifically in the morning from 6 am to 10 am and in the early evening from 5 pm to 10 pm. Overall, approximately 1 million passengers were handled during morning peak hours, while 1.6 million passengers were processed during evening peak hours.

The highest number of passengers recorded was on October 28, 2022, which fell on the Friday preceding the extended All Saints' Day weekend. On that day, we welcomed 17,885 passengers at Luxembourg Airport. Our passengers could choose between 105 non-stop destinations from Luxembourg served by 13 airlines – a proper choice for every traveler, business or leisure.

The overcome of the COVID-crises and, thereby, the increase of the capacity for freight on long-haul passenger flights partially impacted the demand for standard air

“Although a complete return to the numbers seen in 2019 is expected by 2024, the figures for 2022 represent an encouraging 93.3% of pre-pandemic levels.”

freight, resulting in a decrease compared to 2019 by 12% in 2022 with 975.00 tonnes of cargo in total.

But all this could only happen with a fully compliant and functional runway. This report focuses on refurbishing this core asset and further unveils the power of teamwork behind this accomplished project. I take this opportunity to congratulate everyone involved in this remarkable achievement. ■



Félicie Weycker

CHAIR OF THE BOARD



Alexander Flassak
CEO / CFO

“Our team managed to renew a surface of 978,000 m², equal to 137 football fields [...].”

Message from the CEO

Shaping the Future

Lux-Airport, in addition to its role as the company responsible for managing the infrastructure of Luxembourg Airport (LUX), is also an active player in the development of the airport surroundings. As such, we have made substantial progress in shaping the future; we laid off the foundation stone and started the works for the new Maintenance Hangar for Luxair, and we moved forward with the construction of the new Police school and the Headquarters of the CGDIS fire brigade.

Furthermore, our Skypark Business Center, which boasts direct access to the terminal of Luxembourg Airport, has witnessed remarkable progress. But constructions are not only done to create buildings but also to keep the core assets of the airport running.

While our only runway is maintained at all times, in 2021 and 2022, it was refurbished from scratch. This is why our annual report 2022 focuses on this one-of-a-kind project, the total renovation of our runway at Luxembourg Airport.

Read the challenges our teams successfully managed and get insights while watching our video feature. It is imposing what our teams archived during their nightshifts, while the airport stayed open for operation during the daytime without any impacts on flight operations. Our team managed to renew a surface of 978,000m², equal to 137 football fields, changed 27 km of drainage systems and laid 450 km of cables, and 1,500 lights into LED. And this just some impressive figures. You will undoubtedly discover more fantastic facts.

My thanks and gratitude to our hard-working staff, engaged partners, and everyone involved.

Facts & Figures

Our Year 2022 in Numbers

PASSENGERS

4,053,726

PASSENGER NUMBERS COMPARED TO PRE-PANDEMIC LEVEL (2019)

93%

SCHEDULED PASSENGER AIRLINES

13

NONSTOP FLIGHT DESTINATIONS

105

TONNES CARGO

975,000

RUNWAY RENOVATION FACTS:

NEWLY INSTALLED CABLES

450km

SIZE OF WORKING AREA IN COMPARISON TO FOOTBALL FIELDS

137

WORKING PEOPLE TO BE COORDINATED EACH NIGHT

300

LENGTH OF NEW RUNWAY DRAINAGE SYSTEM

27km

IMPACT FOR ON-TIME SCHEDULED FLIGHT WHILE WORKING ON RUNWAY

None

LUX STORIES

Chapter 02


WIRTGEN

A Truly Remarkable Project

The runway renovation wasn't just a routine project. It was, in fact, so unique that it attracted international attention. We give you the inside scoop of a heroic and highly creative team effort.

For lux-Airport, in many ways, 2021 and 2022 were the years of the runway renovation project. The contract was signed with the contractor end of December 2020, and with a deadline at the end of 2022, no time could be wasted. We are happy to report that the runway renovation has now been finished!

This is a good time to look back at the beginning of our most exceptional project – not least because the launch of such a large-scale undertaking always comes with its own challenges. "At the start of the project, the scope and schedule seemed challenging," Airside Project Manager Romaric Paille says about the kick-off of the execution phase of the renovation in May 2021.

You might think that a runway renovation should be a straightforward affair. However, several factors made the execution very challenging indeed: while other airports may simply close a runway while the work is carried out and shift operations to the other runways, this can't be done at lux-Airport, because there is only one runway. The second option would be to close the entire airport and reroute traffic to neighbouring airports. But this was not possible either, because there is no other suitable runway in the country, nor nearby, to ensure the retention of the economic activity.



“At the start of the project, the scope and schedule seemed challenging. The trick is that you are not alone. With the right team, it works.”

— Romaric Paille,
Airside Project Manager

The only way out of this dilemma was to carry out the complex work while keeping the airport operational — with all that this entails: work at night, safety and compliance issues, security procedures, and complex logistical problems, to name some of the major challenges.




WATCH
THE VIDEO FEATURE
ON THE RUNWAY
RENOVATION:
youtu.be/t_WpU8dpDOA

A DIFFICULT START DURING COVID

As if this technical and operational challenge wasn't enough, during the crucial first phase of the project, the team couldn't physically meet with the relevant parties such as other departments, contractors, project managers, and representatives of the relevant authorities. "To get an alignment with everyone was a challenge," remembers Remy Verheezen, Head of Safety & Compliance, "because we were still working from home when we started with the preparations."

To understand the significance and importance of in-person meetings, consider the complexities involved: the plan was to build an entire new runway on top of the existing one at night, while operations continue almost as normal during the daytime. Add to that the fact that passenger numbers just started picking up again after the difficult year of 2020, that 2021 was a record year for the cargo business, and you begin to see the potential conflicts and need for close coordination between the project partners.

"In terms of safety, we did our homework well."

– Remy Verheezen, Head of Safety & Compliance



"The works required the closing of the airport every night at 11 in the evening and the fully safe and compliant reopening at 6 in the morning," says Airport Duty Manager Sebastien Dejean. This required a lot of alignment, not least because decisions needed to be made about exceptions for landings and take-offs as well as any last minute changes in the works: "We had three regular meetings every day where we had to decide, for example, whether we delay the works for several minutes for delayed flights to land, or whether we need to re-route them."



"You are part of a project like this only once in your career."

– Sebastien Dejean, Airport Duty Manager



These decisions had a big impact on flight schedules and passengers on the one hand and construction logistics and planning on the other. And they were far from trivial. Can you delay the beginning of the work for 15 minutes to accommodate three delayed flights? What would that mean for the works? To get a sense of the pressure, imagine more than 100 heavy construction machines, 200 to 300 workers as well as supplies waiting beside the runway. Everybody is ready and eager to use the narrow time window to stay on track with the complex work schedule. Amidst all of this, you must make the decision: can we wait a bit? What would that mean for a timely reopening at 6 in the morning?





"All the stakeholders were really committed and understood the need to balance operations and works. Everyone had their own interests, but we established a good level of cooperation and were continuously finding solutions."

– Derek Allard,
Head of Airside Operations





“In the morning, a 747 was seen landing where not so long ago, there were all those construction machines and workers.”

— Alain Fisch,
Airport Duty Manager





That the airport could in fact be reopened on time every single day during the project is a testimony to the team's successful efforts – despite the occasional last-minute urgent actions: "One night, we had an oil spill from one of the construction vehicles close to the re-opening," Airport Duty Manager Alain Fisch tells us, "but we managed to clean it all up and have the runway ready for use just in time." On another occasion, one of the construction workers had forgotten a shovel near the runway – but that was spotted during the pre-opening inspections and solved as well. Considering the complexity of the works, the size of works areas, and the demanding timeline, it is great to see that all procedures, trainings and inspections have resulted in ensuring a safe and efficient transition from work zone to operational runway. It says a lot that there were no major problems or hiccups to report.

A WHOLE NEW SECURITY CONCEPT

Another example of the sheer scale of the challenges involved in the project were the necessary security procedures. After all, at an airport, workers and trucks cannot just enter the airside area without proper security checks – a situation that contractors and workers are not necessarily familiar with. "On the one hand, we needed to optimize the security process time as much as possible to guarantee a smooth workflow, and on the other hand we had to maintain the requested level of security," explains Daniel Conrardy, Director of Security. "With a narrow window of seven hours at night for the works, all relevant processes had to be optimized." Some of the measures he and his team have implemented were the issuing of permanent Airport IDs for all workers, detailed training of the workers on how to prepare themselves in advance in order to speed up the checks at the gates, not to forget the construction of an entire new security gate designed to handle the huge peaks at the beginning of each work shift.



The security checks of the vehicles and their load proved to be equally challenging: European legislation demands that airport supplies used within the airside area need to be inspected. Since you cannot inspect, say, sand and gravel with X-Ray machines, but you cannot unload those supplies for inspection either, this means you have to escort the trucks to the construction site to inspect the load there during the unloading process. This is a very time- and personnel-intensive endeavor which was mainly done during daytime. Considering also that up to 140 trucks came to the site every single night with hot bitumen, escorting procedures for those kinds of supplies were entirely impractical. The team had to find an alternative solution together with the authorities. “Therefore, we did a detailed assessment of the whole process of how asphalt is produced and transported,” remembers Daniel Conrardy. “The result of this assessment allowed us to implement specific security measures, giving us the possibility to check the hot bitumen without the need to escort those supplies.”



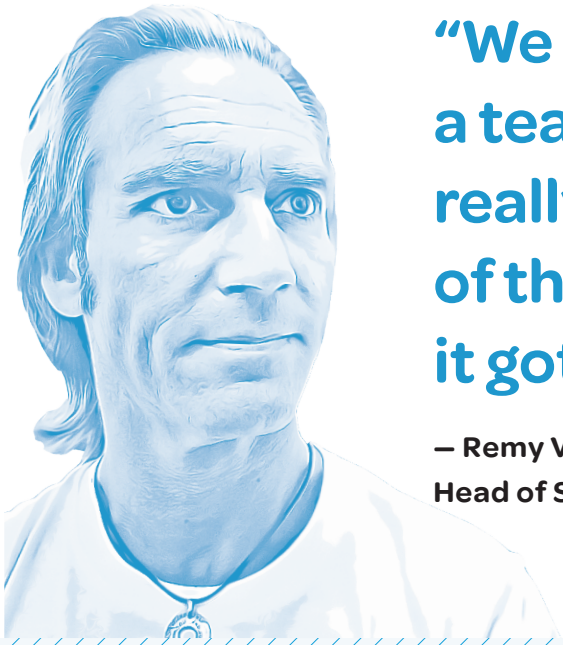
TO TOP IT ALL OFF: REDUCED RUNWAY OPERATIONS

Demanding as the project already was, the team decided to make it even more difficult. With works in 2021 focusing mainly on the Western part of the runway, the idea came up to open the Eastern part of the runway to handle delayed and humanitarian flights while the work was still ongoing. A complex series of safety assessments had to be carried out to make it happen. The result was a big red line of lights in the middle of the runway, with an enormous work area on one side, and a fully compliant and safe runway on the other side.

"On the one hand, you saw 300 people working with lights, steam, and machinery," Chief Operating Officer Tom Goris describes the scene, "and on the other hand, you saw a 737 landing with 180 happy passengers returning from their holiday." A very delicate concept. But the results speak for themselves: in 2021 alone, over 1,000 passengers used this exclusive reduced runway setup – passengers who otherwise would have been rerouted. Many of them would have ended their holidays on a negative note. Thanks to this impressive team effort, they didn't have to.

Despite – or because – of all the complexities and massive team effort involved, everyone is very happy about the experience in 2021 and 2022. The project has even become internationally known to the point where experts were coming in to learn about how lux-Airport had been able to achieve this.

The success wouldn't have been possible without a driven, knowledgeable group of internal and external people working in close cooperation – as one team. As Romaric Paille puts it: "For such a project, alone is not enough." ■



"We got a lot closer as a team, and our cooperation really improved. I'm proud of this whole team and how it got everything done."

– Remy Verheezen,
Head of Safety & Compliance

"We are very proud and satisfied with how this project went."

– Daniel Conrardy,
Director of Security











WELL-DESERVED: THE CELEBRATION FOR THE "RUNWAY HEROES" AFTER A JOB WELL DONE.

With the completion of the runway, we gathered to celebrate this milestone for Luxembourg Airport and thank all those whose hard work had shaped the foundation upon which dreams would take flight.

The pictures captured the essence of this extraordinary event. Smiling faces, vibrant colors, and a sense of accomplishment permeated the frames.


















Quiksilver

“The project became a reference for others airports and many people came to learn how we achieved this.”

— Tom Goris, Chief Operating Officer



3 questions for Tom Goris, Chief Operating Officer

DID COVID HAVE ANY IMPACT ON THE RUNWAY PROJECT AT THE BEGINNING?

In many ways. Going from a complex design and tender to reality in 5 months is already very challenging with many people not knowing each other. If, on top of all these documents, practical organization and complex questions to be solved, COVID dictates that this needs to be done via email, telephone and planned video conferences, it is almost impossible to create the added value required of a fully functioning team.

Finally, we decided to rent a spacious office to get everybody together in the most COVID-safe manner. In the end, we went from paper to reality in under 5 months, which is really kind of crazy.

But we did it.

WERE THERE OTHER CHALLENGES AND HOW DID YOU SOLVE THEM?

The second challenge was to ensure the efficient working of the runway: supporting an operational airport during the day, and being a major construction site during the night. During the day, all teams had been working both on the operations as well as preparing everything for the night. During the night, the opening of the airport at 6 a.m. was sacred. If we were not sure we could finish the work and tidy everything up in time, we had to abort all work for the night. But in reality, this never happened – we always made it!

The third challenge was the reduced runway operation. Even though the project was already challenging enough, we decided to make it even harder for us and came up with this idea to help the airlines handle delayed flights.

Finally, the massive rainfall during the summer made the works even more complex.

IN YOUR VIEW, WAS THIS PROJECT SPECIAL, COMPARED TO SIMILAR PROJECTS AT OTHER AIRPORTS?

Oh yes. I have been working in aviation for more than 20 years. I have seen runway renovations, but this was of a totally different dimension. Doing a full runway rebuild, not just a minor renovation, replacing the entire drainage system, all lighting and cabling as well as stabilizing the strip – and all this at night, while the runway is operational during the day... This was really unique. And successful: there had been no significant impact on operations because of the project! It even became a model project and many people came to learn about how on earth we have achieved this.

The team has done a super job and the result is impressive. Chapeau! ■

IN BRIEF

Short stories



COMMERCIAL

New Offers in Gastronomy

In 2022, the airport's shops were open all year round. As a result, the "Comptoir du Bon Pays", a self-service restaurant on the first floor of the Terminal, extended its range, offering customers more choice and better quality. The Oberweis Restaurant has also renewed its menu, opting for more regional cuisine.



COMMERCIAL

Food Truck Market

From 26th March to 19th April 2022, three distinct food trucks, namely Lëtzebuerger, Asia's Touch, and Afrikan Gourmet, warmly welcomed visitors at our Kiss&Fly parking area. This arrangement provided a wide array of international flavors. Additionally, on sunny days, an ice cream truck from Marcellos was available, further enhancing the delightful offerings and adding a touch of sweetness to the culinary adventure. Watch the video:
youtu.be/3lUfDGXMf_k



COMMERCIAL

Aelia Duty Free new Shopping Experience

The Aelia duty-free shop in the public area was transformed into a waiting area for PRMs and unaccompanied minors. The opportunity given to passengers to order their duty-free products in advance, thanks to the Aelia-In-flyter application, is now a highly appreciated additional service.



COMMERCIAL

Seductive & Exquisite: Immerse Yourself in the World of Truffles!

The new “Signorini Tartufi“ shop, dedicated exclusively to truffles, has opened its doors in the departure area of terminal A.



COMMERCIAL

Food-Truck Festival

In addition to the traditional catering, lux-Airport has opted for an original and diversified offer, inviting its passengers and visitors on a culinary voyage thanks to the food trucks set up at the foot of the Terminal. Last summer, visitors to the airport had the chance to sample Asian, African, American and Italian cuisine at the “Food-Truck Festival“.



COMMUNICATION

An Extraordinary Waiting Area

The former Aelia Duty Free shop has been transformed into a waiting zone catering to unaccompanied minors (UM) and individuals with reduced mobility (PRM). Embodying lux-Airport‘s branding, the area seamlessly incorporates iconic landmarks like the Gëlle Fra and the Rout Bréck. The design effortlessly captures the spirit of Luxembourg, blending clean lines, sleek finishes, and a thoughtfully chosen color palette to reflect the airport‘s modern and sophisticated image while maintaining a warm and comfortable atmosphere.



COMMUNICATION

Happily Entertained with our Passenger Events

Over the course of 2022, passenger events such as our Easter bunny mascot and the “Happy Agents“ stilt walkers kept passengers happily entertained during the summer and winter peaks.



COMMUNICATION

Donations 2022

Along with every year, lux-Airport continued to show support to a plethora of charitable organizations. 2022 we donated a total of 6,000 euros to three hand-picked charities: Stëmm vun der Strooss, SOS Kannerduerf Lëtzebuerg, and Médecins Sans Frontières (MSF) – all provide essential services that we believe should be accessible to everyone.



COMMUNICATION

Télévie – Support Cancer Research

More than 3,000 adults and children are diagnosed each year in Luxembourg with cancer. The NGO Télévie supports cancer research, especially leukemia in children. Started initially in Belgium, Télévie extended their operations in 2022 to Luxembourg. Since then, private individuals, companies, and communities have collected money on different occasions. The highlight of each year is the "Télévie Dag" when selected communities collect cash and compete in fundraising. In 2022 lux-Airport contributed 8,000 euros to the campaign of Niederanven, which raised 321,000 euros.



COMMUNICATION

Support of Sports Activities 2022

We supported the AB Contern Basketball Club (www.abcontern.lu) and the WTP 2022 by Luxembourg Ladies Tennis Masters (www.luxembourg-ladies-tennis-masters.com).



World Mother Language Day

Last year, on the 21st of February, we celebrated World Mother Language Day and the vibrant linguistic diversity at our airport, with a special video showcasing our multicultural staff. This initiative aimed to embrace and honor our staff's unique backgrounds while demonstrating our commitment to providing exceptional service to passengers from around the world. We wanted to convey that we are dedicated to making every traveler feel welcome and understood regardless of the language spoken. Watch the clip: youtu.be/88t8bnOZh4M



Branding of lux-Airport

In 2022, we released two branding videos that highlighted the faces behind lux-Airport. The first video focused on parts of our operations team, while the second emphasizes on our security team. These videos aimed to differentiate us from the airlines, show the variety of these jobs and build trust with our audience. More exciting videos are planned for the future, showcasing different aspects of our airport and the dedicated teams behind its success. Get to know more about the OPS team: youtu.be/z9IJc3nsr8o and check about security: youtu.be/VzLLTVcwh2I



COMMUNICATION

Xmas Wishes 2022

In 2022, following the challenging period of the COVID-19 crisis, we joyfully produced our Christmas video, capturing the spirit of reconnection and celebration. The video showcased various iconic locations within our airport, where each participant had the opportunity to express heartfelt wishes for our valued passengers and colleagues. The filming was filled with laughter, excitement, as everyone involved had a wonderful time participating in this special project. The energy and positivity generated during the production resulted in a captivating and heartwarming video clip. Watch the clip:
youtu.be/gjCcYwq6HW4



MARKETING

Passenger Animation during Wintertime

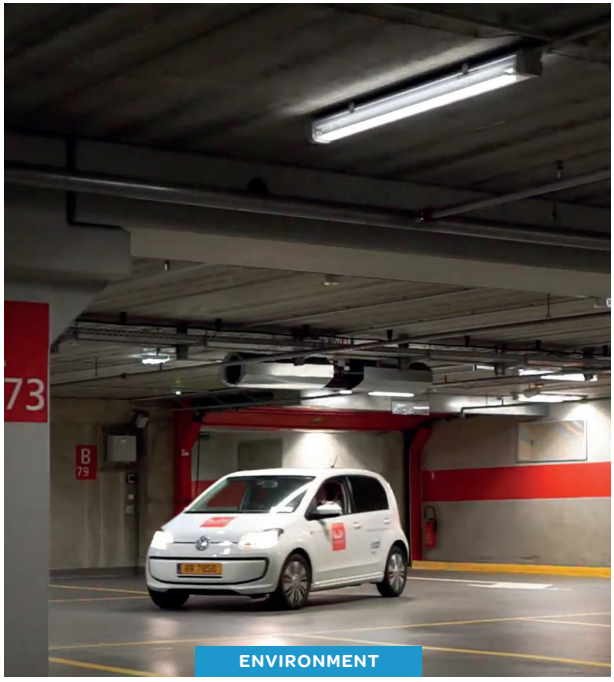
During the peak winter holidays, we distributed chocolate advent calendars and lux-Airport gadgets to waiting passengers, adding a festive touch to their experience. A wish tree allowed people to share their dream destinations, while a game in the duty-free store offered the chance to win a private flight lesson. These initiatives aimed to enhance the waiting time and create a memorable and enjoyable atmosphere for travelers. Get some impressions:
youtu.be/1TPscduTAl0



ENVIRONMENT

The New Secure Bicycle Storage Area

To encourage soft mobility among site staff, a new secure bicycle storage area has been installed, where bicycles can be stored and charged thanks to photovoltaic panels on the roof.



ENVIRONMENT

Nice Light at the Underground

On the energy front, campaigns to optimize heating and cooling set-point adjustments have led to a substantial reduction in energy consumption, particularly at the terminal. In addition, the final report on the renovation of the underground car park lighting showed savings of almost 40% on the electricity costs associated with lighting this area.



ENVIRONMENT

Educational Session on Sustainability

During September, lux-Airport connected with passengers to speak about their sustainable approach and current actions from the airport, and future plans. It was an excellent dialog with passengers, answering their concerns and getting feedback. Watch the video: youtu.be/FwYHY_82pEg



ENVIRONMENT

Net Zero by 2030

With regard to carbon emissions, a roadmap has been developed to define the path to achieving Net Zero by 2030. Level 3+ of the Carbon Accreditation programme for airports has been renewed and lux-Airport's emissions have been offset.



ENVIRONMENT

Hero Bee

In the latter area, 2022 saw the introduction of an innovative biomonotoring system based on bees. For this study, a tiny quantity of pollen collected by the bees present on the site is sampled and analysed several times a year. The results show that the site is not particularly polluted by airport activities and has a high diversity of flora.



ENVIRONMENT

Biodiversity at it‘s Best

In parallel with the biomonitoring and in order to enhance biodiversity at the airport, 20 new beehives have been installed: half in the airside zone set back from the runway, and the other in front of the Cargolux HQ as part of a new zone dedicated to biodiversity.



ENVIRONMENT

Reaching a New Level

New electric charging points for vehicles have also been installed.



ENVIRONMENT

A New Initiative for the Winter of 2022–2023

The year 2022 also provided an opportunity to take stock of the campaign to recover the de-icing product from the stands. A total of 410m3 of de-icing product was recovered and properly treated. SIDEST welcomed this initiative, which will be renewed for the winter of 2022–2023.



Noise and Air Quality

Lux-Airport's environmental policy has been reviewed to incorporate 2 new pillars of action: noise and air quality.



Park in Advance

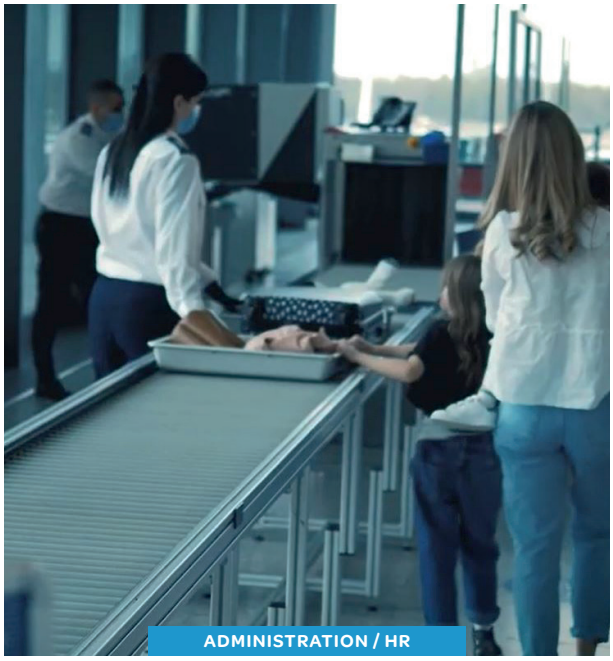
Targeted communication campaigns to raise passenger awareness focused in particular on the importance of checking in at least two hours before departure, without forgetting to book a car park in advance via the www.airportparking.lu platform.



INFRASTRUCTURE

New Maintenance Hangar for Luxair

To accommodate new aircraft models and process improvements, lux-Airport is constructing a modern maintenance hangar for Luxair Luxembourg Airlines. The new facility will feature maintenance workshops, spare parts storage, and administrative offices, with completion expected in 2023. The foundation stone was laid in a ceremony attended by Deputy Prime Minister François Bausch, Luxair CEO Gilles Feith, lux-Airport CEO Alexander Flassak and Major of Sandweiler, Mrs. Simone Massard-Stitz. This project represents a step towards the future and the ongoing modernization of airport infrastructure.



ADMINISTRATION / HR

Human Resources in 2022: Acting in a Post-Pandemic Context

In 2022, lux-Airport had an average of 344 employees. Recruitment of profiles specific to the airport sector has continued. In airport security, teams were strengthened to increase passenger capacity, prepare for the summer season and ensure the smooth operation of the sixth security line, which will be installed before Easter 2023.



Checkpoints

The Security department has completed a number of projects, including the renovation of the E83 checkpoint serving Luxair Cargo, the installation of a new E111 checkpoint located in the Cargolux and Luxair maintenance area, and the E85 checkpoint near Luxair-Cargo, located in the oversized cargo area.



Baggage Handling System Completed

A number of technical improvements have also been made, such as the implementation of an assistance system for handling hold baggage and the reduction of “no read“ baggage at the BHS (Baggage Handling System). In addition, new software for distributing daily passes has been developed and the first tests have been carried out.



SECURITY

Security Awareness Training

In 2022, 42 SATP (Security Awareness Training) sessions were held, with a total of 948 participants. The Pass Office processed 5,308 TCA (Titre de Circulation Aéroportuaire) and LPV (Laissez-Passer Véhicule) files.

OUTLOOK 2023

Forecast

With a favourable global economy and a significant rebound in air travel anticipated by economists, Luxembourg Airport awaits a robust recovery in 2023. We expect passenger numbers to approach pre-pandemic levels of 2019 (4.4 Mio.), driven by promising performance in the first quarter and a highly encouraging outlook for summer traffic.

Our focus remains on ensuring a seamless journey for passengers through comprehensive guidance on parking and security checks. To enhance the overall passenger experience, we're implementing initiatives such as hand luggage packing tables, redesigned security instructions, updated FIDS visuals, and real-time security waiting time updates. These measures aim to streamline passenger flow and improve efficiency.

As part of our commitment to environmental sustainability, we will enhance the visibility of our environmental engagement throughout 2023. This includes integrating passenger animation and communication and publishing our second environmental report. These efforts will contribute to reducing our environmental footprint and engaging everyone in our sustainability initiatives.

Exciting developments lie ahead as well. Our website will undergo a redesign to adapt to the user's expectations and we will introduce an interactive destination map in the second half of the year, allowing travelers to choose their favorite destination from Luxembourg Airport easily.

Operational highlights for 2023 include launching destinations like Pescara, Skopje, and Ljubljana. We are happy to celebrate Turkish Airlines' 10th anniversary at Luxembourg Airport, having served over half a million passengers since its inception.

Additionally, Wizzair starts as a new airline from LUX, further expanding our network. And we welcome Luxair's brand-new fleet of modern 737-8 aircraft, increasing their capacity and strengthening their market position.

In conclusion, 2023 promises growth and achievement for Luxembourg Airport and lux-Airport. We sincerely thank our shareholders, stakeholders, and dedicated airport staff for their continuous support.

FACTS & FIGURES

Chapter 03

Passenger Numbers

2022 was another difficult year for Europe's aviation sector, one of the hardest hit by the COVID-19 pandemic. After three years of health crisis, Luxembourg airport ended 2022 with a passenger volume close to its pre-crisis level, i.e. 4.05 million passengers.

A return to 2019 figures is expected by 2024 at the earliest, although the 2022 figures represent 93.3% of the pre-pandemic level. It will be useful to observe the influence of the economic and political crises on passenger flows in 2023.

PASSENGER NUMBERS AT 93.3% OF 2019 LEVELS

The airport saw a particularly high number of passengers at peak times in the morning from 6am to 10am and in the early evening from 5pm to 10pm.

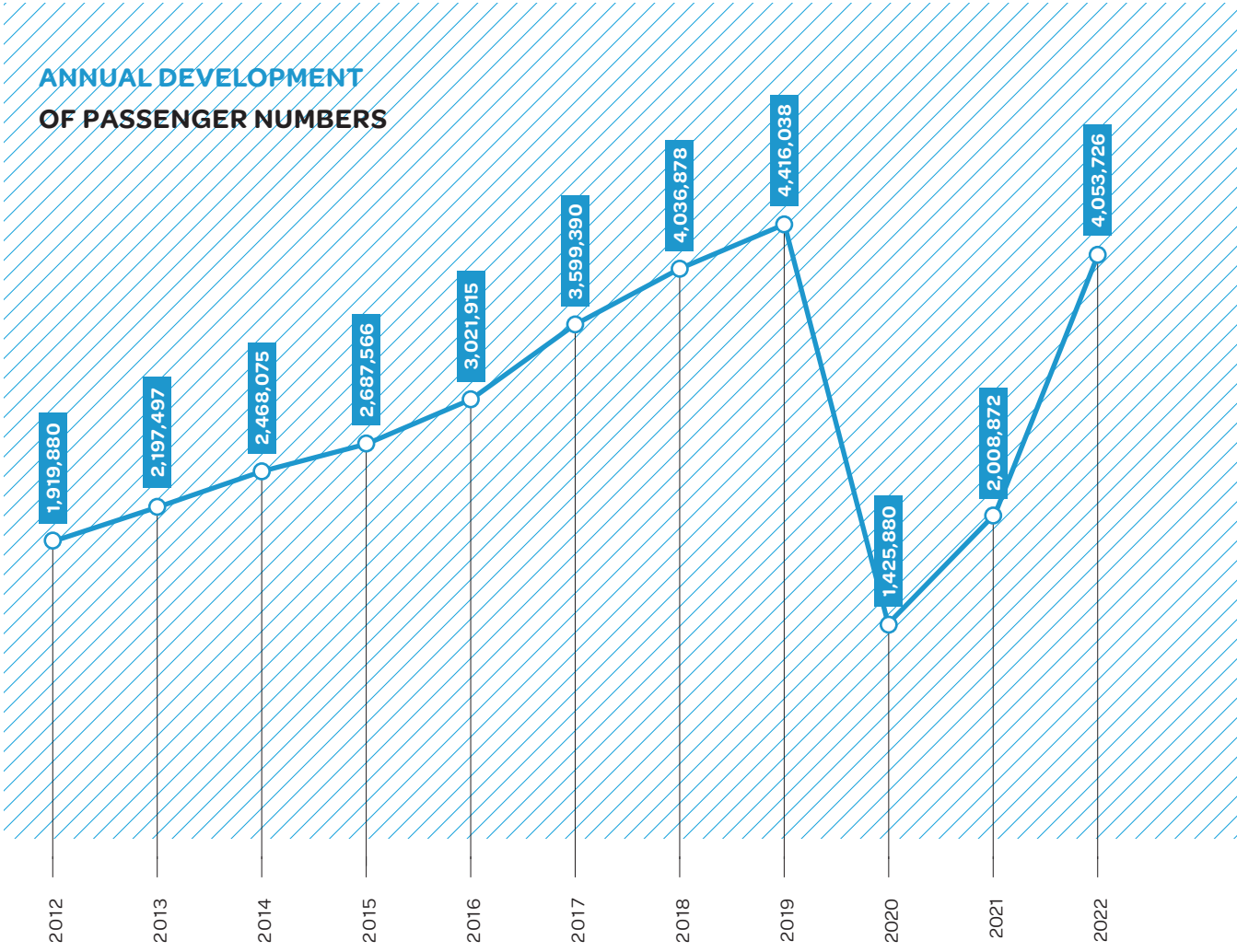
Over the year as a whole, around 1 million passengers were handled in the morning peak period and 1.6 million in the evening peak period.

The highest number of passengers was recorded on 28 October 2022, the Friday before the All Saints' Day long weekend, when 17,885 passengers were welcomed at Luxembourg Airport.

4.05
MILLION PASSENGERS

93 %
PASSENGER NUMBERS COMPARED TO PRE-PANDEMIC LEVEL (2019)

ANNUAL DEVELOPMENT OF PASSENGER NUMBERS



Cargo Development

The challenges inherent in global supply chains were still a hot topic in 2022. In this instance, the supply of cargo capacity (in place of passenger baggage) on long-haul passenger flights partially increased, which mechanically led to a drop in demand for standard airfreight. In this respect, as the record tonnage of 2021 could not be achieved, the year 2022 records a 12% drop in tonnage compared to 2019. For 2022, Luxembourg Airport is forecasting a total volume of 975,000 tonnes of freight handled.



975

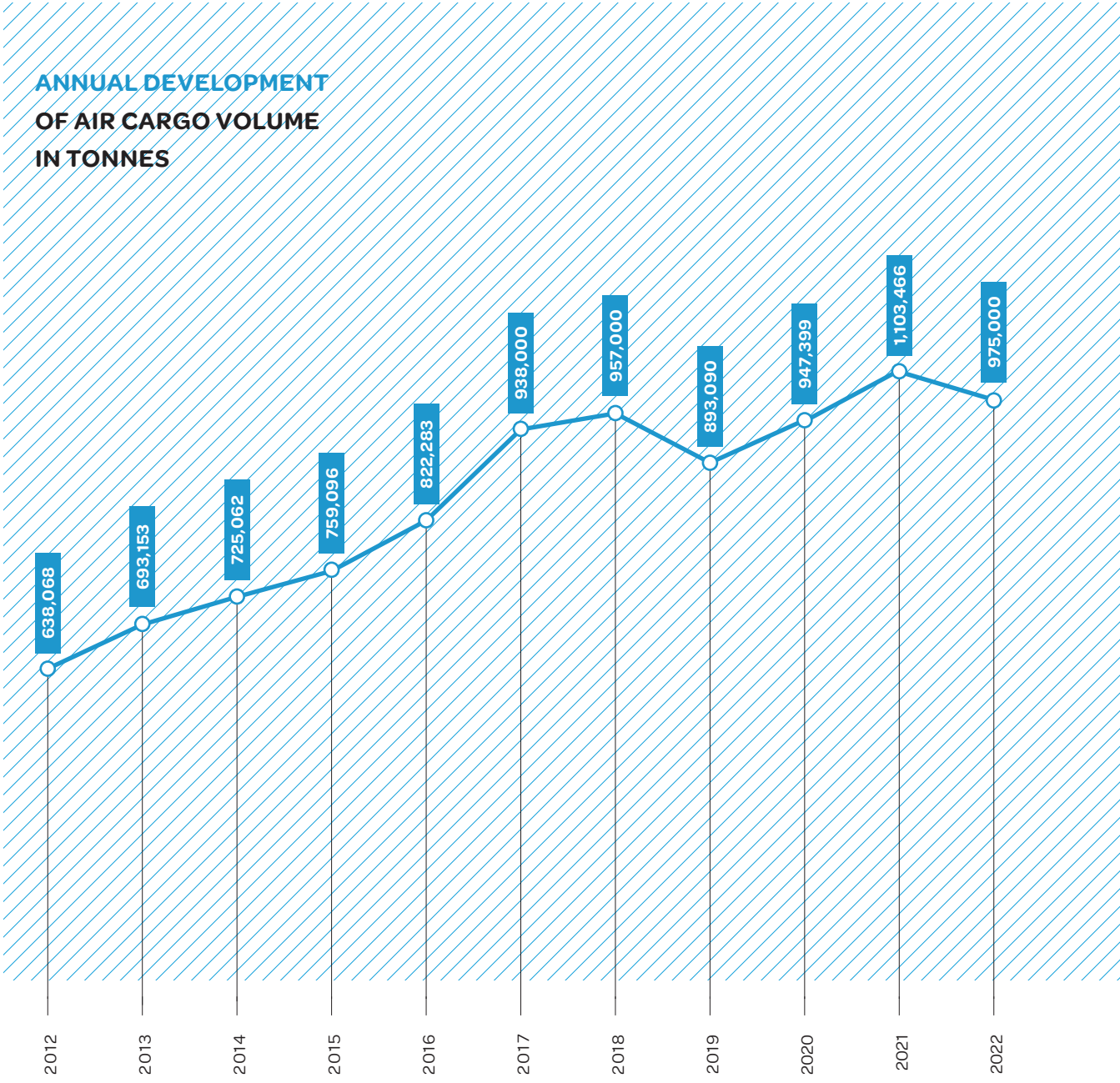
THOUSAND TONNES OF CARGO



-12 %

FREIGHT TONNAGE BY 2022

ANNUAL DEVELOPMENT OF AIR CARGO VOLUME IN TONNES



Top Airlines

Operating at Luxembourg Airport in 2022



IN TERMS OF PASSENGER NUMBERS

1. **Luxair**
2. **Ryanair**
3. **easyJet**
4. **Lufthansa**
5. **KLM**



IN TERMS OF TONNES OF FREIGHT HANDLED

1. **Cargolux**
2. **Qatar Airways**
3. **China Airlines**
4. **Silk Way West Airlines**


cargolux
50 YEARS
City of Clervaux
LUXEMBOURG
Expeditors
LCL
TREPEL
LUXAIR
MAX. 30 T.

Scheduled Passenger Airlines in 2022

Aegean
www.aegeanair.com

British Airways
www.britishairways.com

easyJet
www.easyjet.com

Lufthansa
www.lufthansa.com

Luxair
www.luxair.lu/en

Ryanair
www.ryanair.com

Volotea
www.volotea.com

ITA Airways
www.ita-airways.com

KLM
www.klm.com

LOT
www.lot.com

Swiss
www.swiss.com

TAP
www.flytap.com

Turkish Airlines
www.turkishairlines.com


OSLO
STOCK
ANGELHOL
COPENHAGEN
SYLT
ROSTOCK
HERIN
HAMBURG
DUBLIN
LONDON
(LCY/STN/LHR/LGW)
3
AMSTERDAM
BERLIN (BER)
LUXEMBOURG
FRANKFURT
PRAGUE
PARIS (CDG)
RHODES
MUNICH
VIENN
ZURICH
BOLZANO
GENEVA
MILAN
(MXP/BGY/LIN)
4
VENICE
BOLOGNA
BORDEAUX
RIMINI
BIARRITZ
TOULOUSE
MONTPELLIER
NICE
FLORENCE
ZADAR
MARSEILLE
TOULON (TLN)
CALVI
BASTIA
ROME (FCO)
1 PORTO
GIRONA
AJACCIO
MADRID
FIGARI
BARCELONA
OLBIA
BARI
NAPLES
BRINDI
VALENCIA
5
MENORCA
2 LISBON
SÉVILLE
IBIZA
PALMA
DE MALLORCA
ALICANTE
CAGLIARI
FARO
PALERMO
MALAGA
JEREZ
ALMERIA
CATANIA
TUNIS
MONASTIR
MALTA
FUNCHAL
DJERBA
SAO VICENTE
AGADIR
LANZAROTE
FUERTEVENTURA
TENERIFE (TFS)
GRAN CANARIA
SAL
BOA VISTA
DAKAR



NEW DESTINATIONS

- Dakar
- Rovaniemi
- Girona
- Bolzano
- Luxor
- Valencia
- Marsa-Alam

TOP DESTINATIONS*

1. **Porto**
2. **Lisbon**
3. **London-City**
4. **Milan Malpensa**
5. **Palma de Mallorca**
6. Frankfurt
7. Nice
8. Munich
9. Amsterdam
10. Barcelona

*in terms of passenger numbers

105

NONSTOP FLIGHT DESTINATIONS

Shareholdings

AIRPORT-ENERGY S.A.

One of the tasks entrusted by the State to lux-Airport is the construction, financing and operation of a cogeneration plant to meet the needs identified within the airport. This plant, built at the same time as the new terminal A and the underground car park, produces and supplies heat, cold and emergency power in the event of a cut in the main electricity supply. A second power station was built and commissioned at the same time as the new Cargolux maintenance hangar. Airport-Energy S.A. is responsible for the development and management of these two power plants. In 2022, Airport-Energy S.A.'s financial position will show a positive net result of 342,860.50 euros (397,880.40 euros in 2021).

LUXFUEL S.A.

The registered office of Luxfuel S.A. is located at Luxembourg Airport and the purpose of the company is to operate a fuel and lubricants depot as well as to receive, store, distribute and place fuel and lubricants on board aircraft. In 2022, Luxfuel S.A.'s financial position shows a positive result of 1,687,097.75 euros based on the provisional annual accounts. (2,365,785.66 euros in 2021).

LUX-AIRPORT HOSPITALITY SBC S.À R.L.

The purpose of this subsidiary is the hotel and catering business and all ancillary and related activities customary in the hotel and catering industry. This entity is dedicated to the operational management of the future hotel located in the Skypark Business Centre. In 2022, the financial position of lux-Airport Hospitality SBC S.à r.l. will show a net loss of 93,288.18 euros.

NORSK E-FUEL AS

As part of its drive to achieve carbon neutrality, the Company has stepped up its commitment to the environment by acquiring a stake in Norsk e-Fuel AS, a company involved in the development of synthetic fuel production, in April 2022. In 2022, the financial position of Norsk e-Fuel AS will show a loss of NOK 4,695,598.00 based on the provisional annual accounts (loss of NOK 5,952,000.00 in 2021).

Financial Performance — Balance Sheet 1/2

	2021	2022
Intangible fixed assets	**500,348.08**	**433,082.32**
Tangible fixed assets	**301,744,885.61**	**456,229,908.25**
Financial fixed assets	**2,246,237.67**	**1,677,000.00**
TOTAL FIXED ASSETS	**304,491,471.36**	**458,339,990.57**
Debtors	**31,738,504.69**	**33,544,989.87**
Cash in bank, post office accounts, cheques and cash	**17,947,005.68**	**11,528,188.20**
TOTAL CURRENT ASSETS	**49,685,510.37**	**45,073,138.07**
Prepayments and accrued income	**970,867.36**	**562,522.44**
TOTAL ASSETS	**355,147,849.09**	**503,975,651.08**

Amounts are indicated in euros.

The balance sheet shown here is an abridged version of the balance sheet included in the annual accounts as at 31 December 2022, which were audited by the certified auditor (Réviseur d'entreprises agréé) PricewaterhouseCoopers, which issued an unqualified audit report without any reservation on 08 June 2023.

Financial Performance — Balance Sheet 2/2

	2021	2022
Subscribed capital	**7,577,000.00**	**42,577,000.00**
Share premium and similar	**893.30**	**893.30**
Legal reserve	**757,700.00**	**757,700.00**
Other reserves	**102,300,000.00**	**102,300,000.00**
Profit or loss brought forward	**-3,732,931.47**	**4,829,204.61**
Result for the year	**8,562,136.08**	**17,778,670.90**
SHAREHOLDER'S EQUITY	**115,464,797.91**	**168,243,468.81**
Provisions	**13,485,602.79**	**20,725,831.71**
Creditors	**223,231,881.45**	**311,988,037.94**
Accruals and deferred income	**2,965,566.94**	**3,018,312.62**
TOTAL (CAPITAL, RESERVES AND LIABILITIES)	**335,147,849.09**	**503,975,651.08**

Amounts are indicated in euros.

The balance sheet shown here is an abridged version of the balance sheet included in the annual accounts as at 31 December 2022, which were audited by the certified auditor (Réviseur d'entreprises agréé) PricewaterhouseCoopers, which issued an unqualified audit report without any reservation on 08 June 2023.

Financial Performance — Income Statement

	2021	2022
Net turnover	**57,262,051.80**	**91,403,592.35**
Other operating income	**35,045,501.74**	**23,599,746.74**
Other external expenses	**-39,241,904.69**	**-32,564,947.52**
Staff costs	**-20,484,395.63**	**-21,346,278.61**
Value adjustments	**-20,938,911.52**	**-24,492,684.18**
Other operating expenses	**-2,936,191.10**	**-9,348,749.52**
Income from participating interests	**550,000.00**	**850,000.00**
Other interest receivable and similar income	**171,068.08**	**84,122.17**
Value adjustments in respect of financial assets and of investments held as current assets	**249,282.67**	**-2,781,237.67**
Interest payable and similar expenses	**-286,258.17**	**-2.330,130.07**
Tax on profit or loss	**-796,007.10**	**-5.262,662.79**
PROFIT FOR THE FINANCIAL YEAR	**8,594,236.08**	**17,810,770.90**

Amounts are indicated in euros.

The profit and loss accounts shown here is an abridged version of the profit and loss accounts included in the annual accounts as at 31 December 2022, which were audited by the certified auditor (Réviseur d'entreprises agréé) PricewaterhouseCoopers, which issued an unqualified audit report without any reservation on 08 June 2023.

Board of Directors 2022

TOM WEISGERBER
Chair of the Board, Premier Conseiller de Gouvernement au Ministère de la Mobilité et des Travaux publics

FÉLICIE WEYCKER
Vice Chair of the Board, Premier Conseiller de Gouvernement au Ministère de la Mobilité et des Travaux publics (since 04/2023 Chair of the Board)

BÉATRICE ABONDIO
Board Member, Premier Conseiller de Gouvernement au Ministère de la Sécurité Intérieure

DANIEL DELGADO
Board member, Staff representative

ANA CATARINA DOMINGUES INÁCIO
Board Member, Staff Representative

ROLAND FOX
Board Member, Directeur de l'Administration des Ponts & Chaussées

BAHRUDIN HALILOVIC
Board Member, Staff Representative

SERGE HOFFMANN
Board Member, Premier inspecteur des finances au Ministère des Finances (since 04/2023 Vice Chair of the Board)

ROMAIN SPAUS
Board Member, Conseiller au Ministère de la Mobilité et des Travaux publics

ANDRÉ WEIDENHAUPT
Board Member, Premier Conseiller de Gouvernement au Ministère de l'Environnement, du Climat et du Développement durable

Executive Committee 2022

ALEXANDER FLASSAK
Chief Executive Officer (since 12/2022), CEO a.i. (since 05/2022), Chief Financial Officer, Chief Real Estate Development Officer

RENÉ STEINHAUS
Chief Executive Officer (until 05/2022)

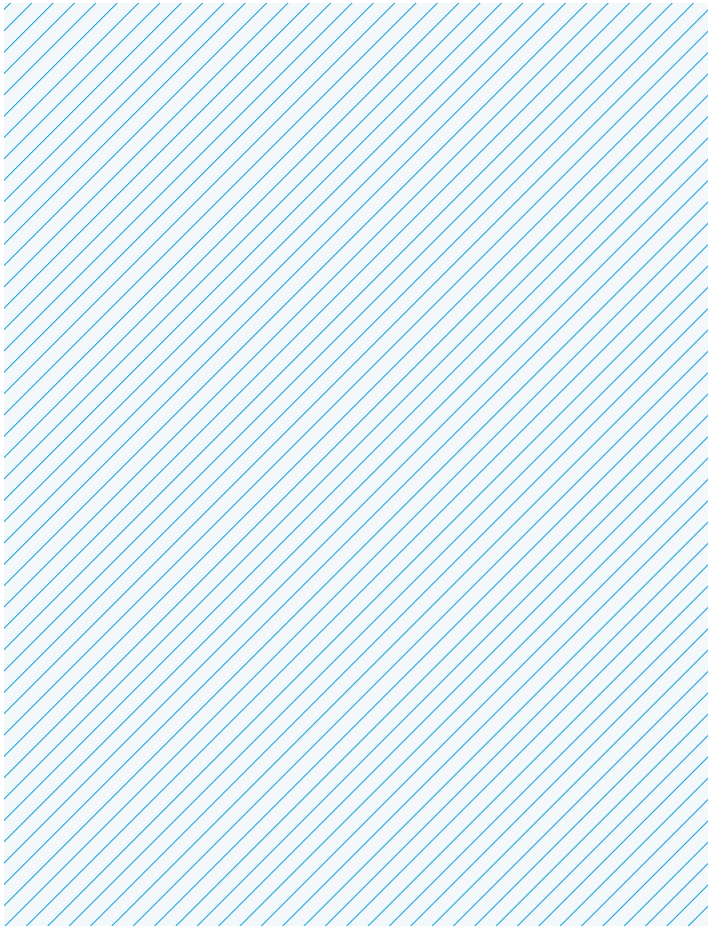
TOM GORIS
Chief Operating Officer

DAVID KONSBRUCK
Chief Administrative Officer

Non-executive Directors 2022

DANIEL CONRARDY
Security Director

VINCENT BOOZ
IT Director



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