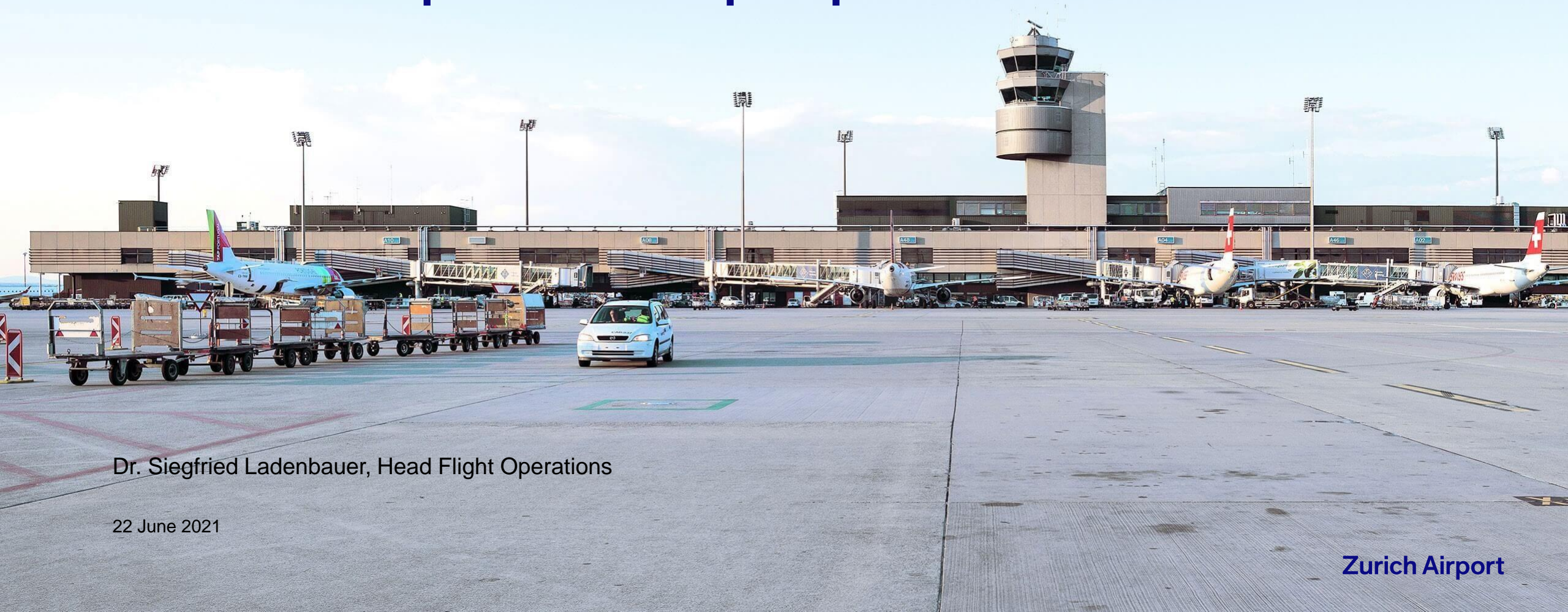


# EASA Safety Week

## Zurich Airport Ramp-up after COVID-19



Dr. Siegfried Ladenbauer, Head Flight Operations

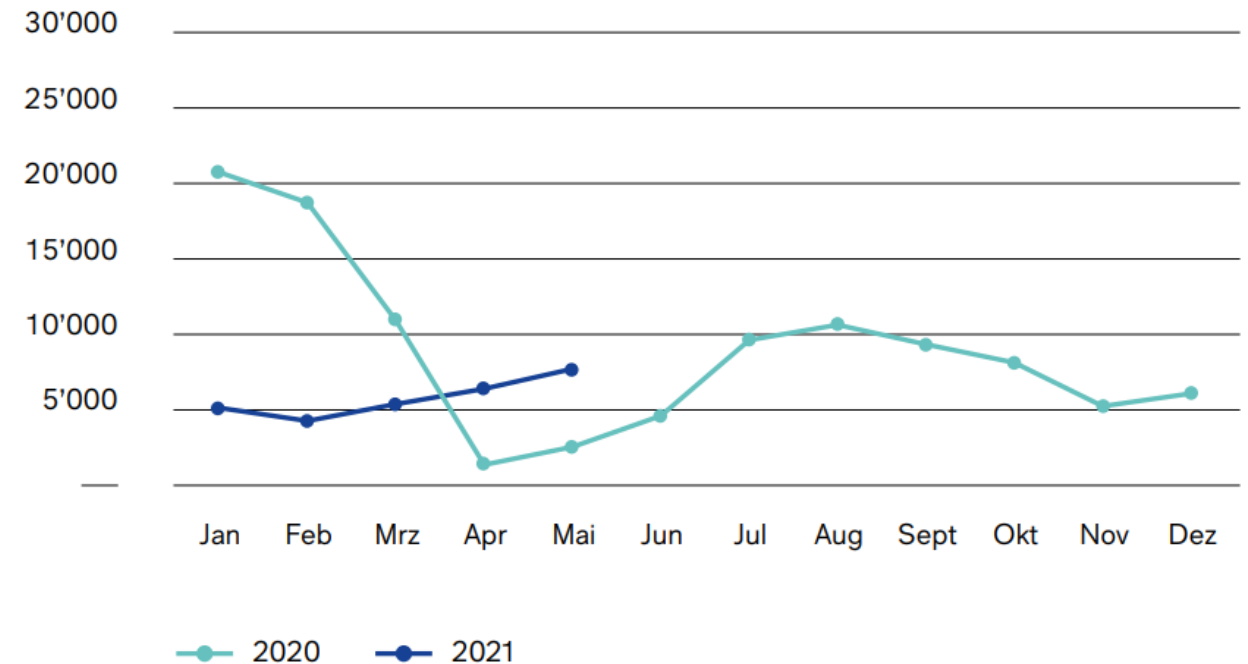
22 June 2021

Zurich Airport

# General situation at ZRH

- May 2021: Traffic 33% -  
Passengers 15% of 2019 levels
- Few redundancies due to national  
system of “short-time work  
compensation”
- ZRH remained fully operational  
throughout the crisis, most infrastructure  
remained open

## Air Traffic Movements Flugbewegungen



# Risk Management “Aviation Safety Issues due to COVID-19”

- Zurich Airport **Risk Workshop in July 2020** to identify potential aviation safety risks related to COVID-19 pandemic
- The scope of the assessment took into consideration the “low OPS phase” as well as the “ramp-up phase”
- Focus on four hazard-areas:
  - **Drift of safety behaviour on the movement area**
  - **Increased presence of wildlife at the airport**
  - **Lack of training and experience**
  - **Lack of maintenance of infrastructure and equipment**
- Exchange of Risk Assessment results with airport partners
- Integration of hazards and mitigation measures into the ZRH Aviation Hazard Library
- Consideration of COVID-related hazards within Occurrence Management
- Review of Hazards conducted in June 2021 together with airport partners

# Risk Management “Aviation Safety Issues due to COVID-19”

## Main Risks identified

### Drift of safety behaviour on the movement area

Hazards	Mitigation Actions
Reduced individual performance caused by psychological impact of crisis	<b>Positive leadership, offer psychological support</b>
Changed behavior due to fewer inspections (driving behavior / attentiveness)	<b>Maintain critical inspection activities, conduct awareness campaigns</b>
Lack of resources during (enhanced) peak hours	<b>Ensure continuous traffic anticipation</b>
Deviations from Standard Operating Procedures	<b>Stick to SOPs!</b>

### Increased presence of wildlife at the airport

Hazards	Mitigation Actions
Only minor increase in the presence of wildlife detected, but moving closer to movement areas	<b>Continue standard wildlife management activities</b>



# Risk Management “Aviation Safety Issues due to COVID-19”

## Main Risks identified

### Lack of training and experience

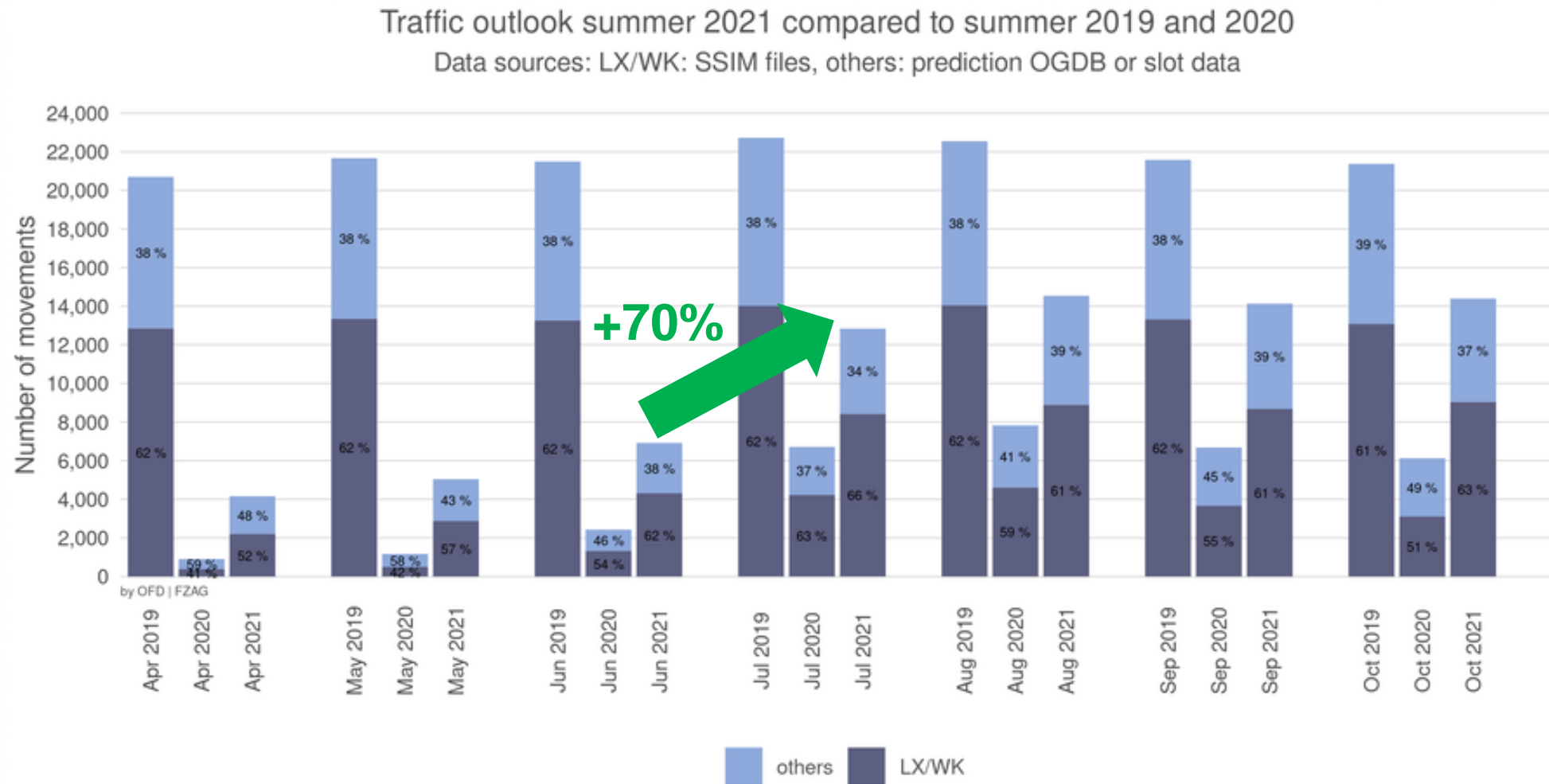
Hazards	Mitigation Actions
Lack of working routine	Balanced shift assignment, continue refresher & safety training activities

### Lack of maintenance of infrastructure and equipment

Hazards	Mitigation Actions
Technical systems not fully maintained, infrastructure in poor condition in the long term	Continue regular maintenance cycles, consider in investment planning
Conflict between flight operations and construction work / maintenance work during daytime	Strictly apply standard coordination procedures for maintenance work

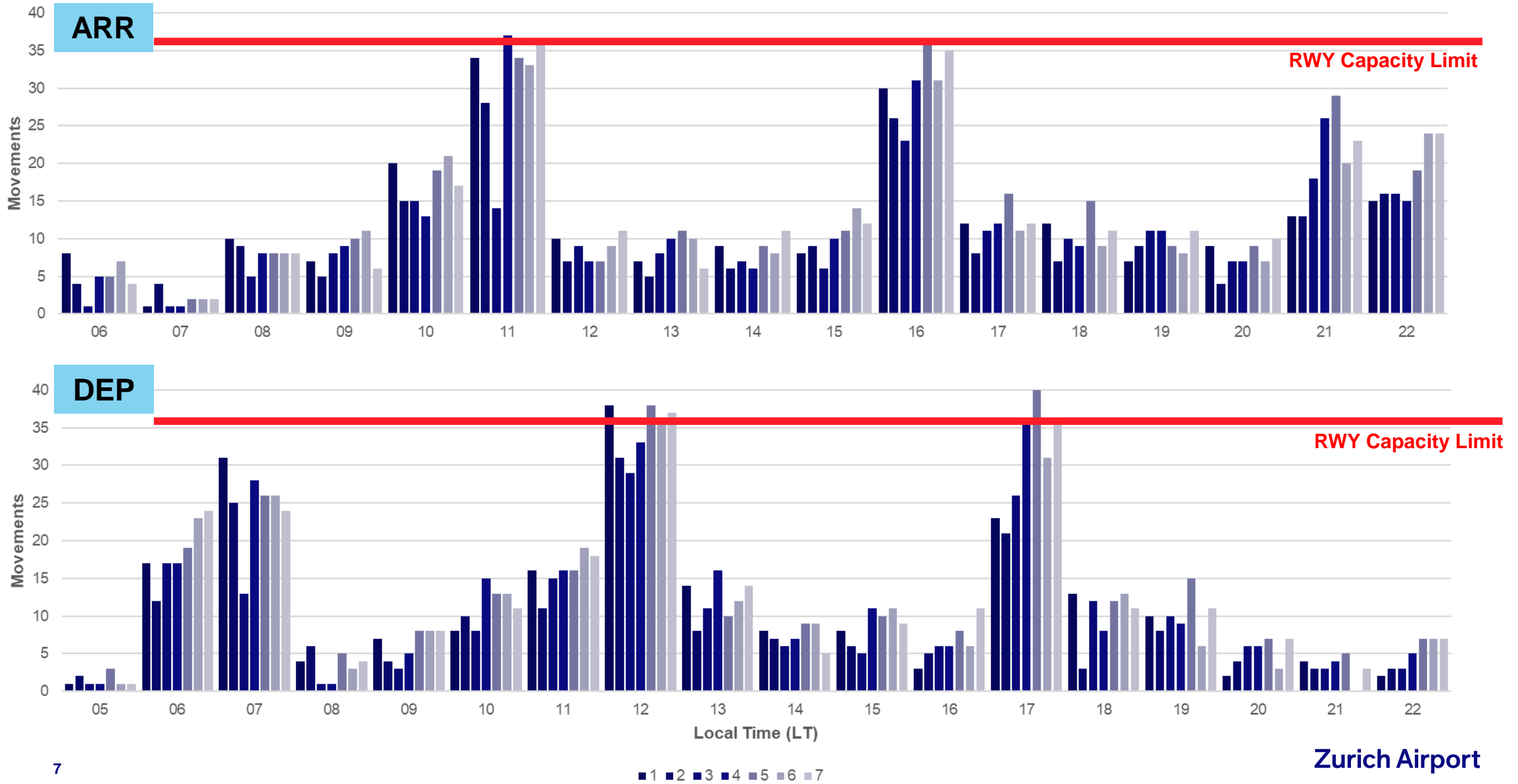
# Traffic Evolution Summer Timetable

## 2019/2020 vs. 2021



Execution: Jun 09, 2021 12:52 LT

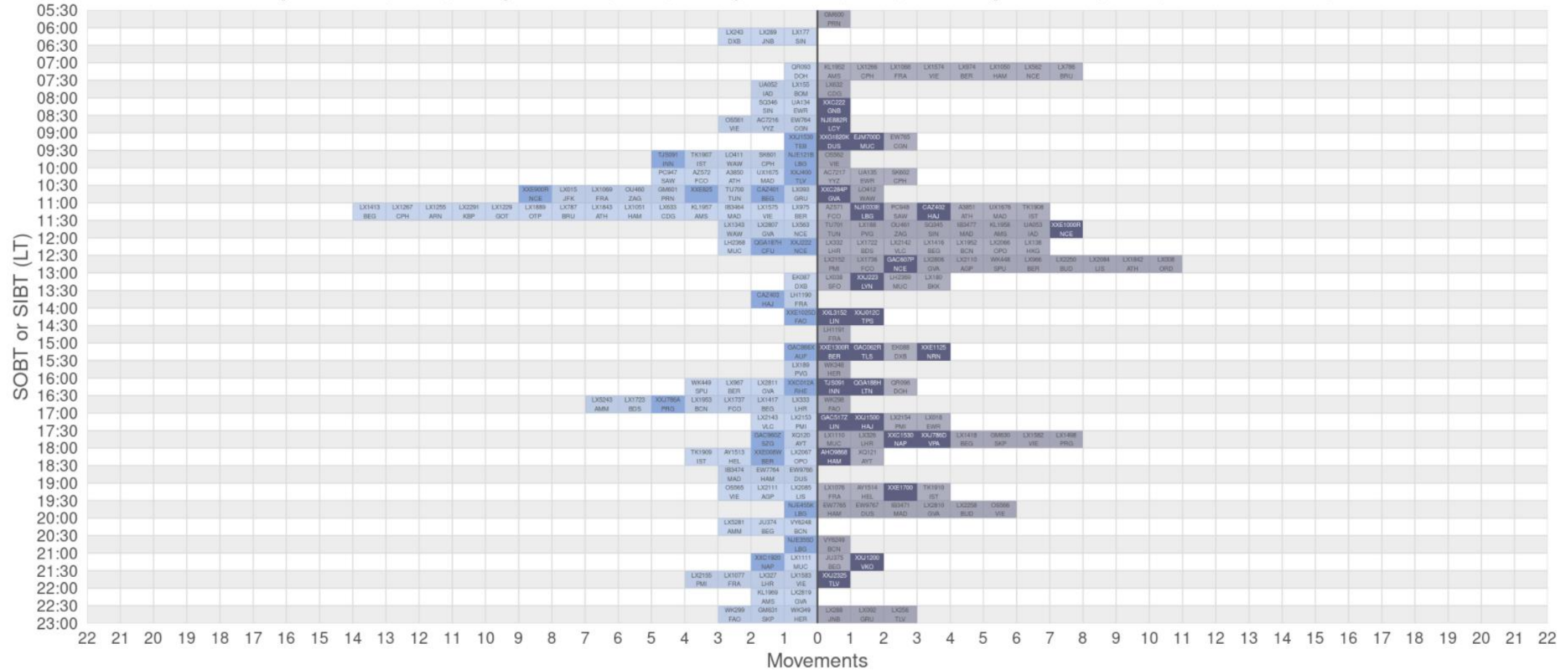
# Anticipated weekly traffic, e.g. 19.07. – 25.07.2021



# COVID-Flightplan forecast

## Flight plan for June 22, 2021

Data scheduled flights: Jun 07, 2021, LX flights: Jun 14, 2021, WK flights: Jun 14, 2021, GA/BA flights: Jun 19, 2021, execution: Jun 19, 2021 at 05:09:03 LT





# Ramp-up preparation

- Awareness campaigns for the entire airport community or individually by airport partners
- Recommendation to repeat web-based safety trainings to airport staff
- Refresher training for safety critical staff
- High traffic simulations for ATCOs & Apron controllers
- “Self-assessment” of the communicated recommendations in the EASA SIB 2020-07R2 with the focus on implementing corrective measures if a gap is identified
- Regular meetings with airport partners, e.g. High Level meetings, Airport Safety Committee, Performance Working Group



Gemeinsam für mehr Sicherheit.

A large passenger jet, identified by the 'STAR ALLIANCE' livery and registration 'HB-LIO', is being de-iced on a wet tarmac at Zurich Airport. Several ground support vehicles, including de-icing trucks and a mobile staircases, are positioned around the aircraft, spraying fluids. The scene is illuminated by the warm glow of a sunset or sunrise, with long shadows and a hazy sky. The text 'Thank you' is overlaid in the center of the image.

# Thank you