



NATIONAAL GLADHEIDBESTRIJDINGS- CONGRES 2022

DUURZAAM GLADHEIDBEHEER

Gladheidbestrijding Schiphol

Peter van de Linde



Winter Service Workshop 2022



Schiphol

Welcome to Amsterdam Airport

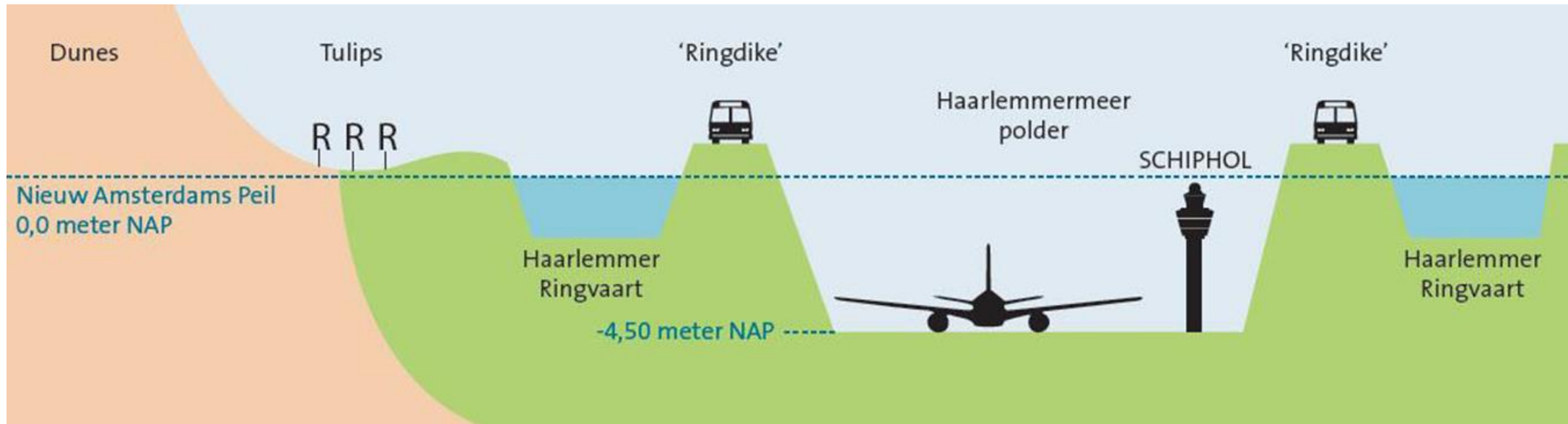
A historical map of the Haarlemmermeer area, showing the city of Haarlem, the surrounding water bodies (Die Ley, Die Spieringck Meer, De Haarlemmer Meer, Die Leytsche Meer), and the surrounding lands (Kenemer Lant, Ryn Lant, Lan). The map includes a compass rose in the bottom left corner and a title block in the top left corner. The text is overlaid on a semi-transparent white box.

1840: Impoldering starts

1855: Haarlemmermeer becomes an independent municipality

You are here

Did you bring your bathing suits?



Second lowest airport in the world at ± 4.5 m

The first lowest is **Rotterdam Airport** at ± 5 m





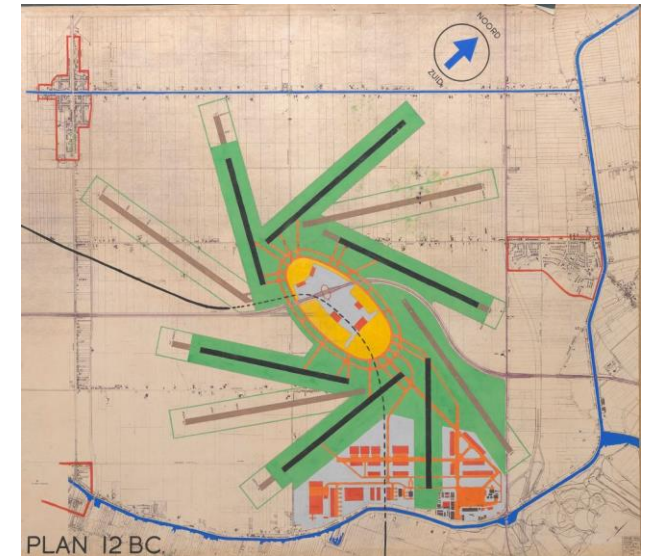
Vliegveld Schiphol
(1916)

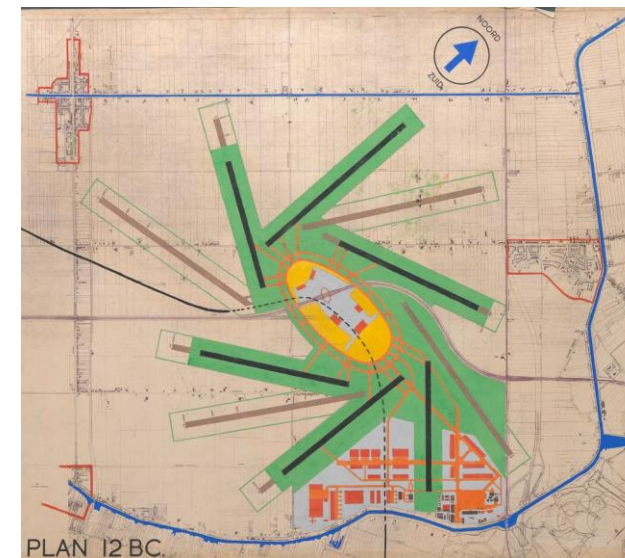
Fort aan het Schiphol
(1846)

Aerial Photograph from 1925



In 1949, Jan Dellaert presents his revolutionary idea. It was realised in 1967





Royal Schiphol Group

Owner and operator of:

- Amsterdam Airport Schiphol
- Rotterdam The Hague Airport
- Lelystad Airport

51% stake in Eindhoven Airport



International

Close co-operation with ADP (8% mutual stake)

18,7% stake in Brisbane Airport Corporation and exchange of staff

Development, expansion and operation terminal 4 JFK (since 1997)

Management and technical support for International Airport Reina Beatrix, Aruba

Strategic partnership Seoul Airport Incheon, South-Korea

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Key figures

At AMS during winter season:

- 38.6 million passengers
- 275,969 flights



327

direct destinations from Schiphol



499,444

air transport movements at Schiphol



1.72

million tonnes of cargo at Schiphol



313

outlets at Schiphol



1.6

billion € real estate



91.1%

average real estate occupancy rate



0.44

kg CO₂ per passenger



46.3%

public transport passengers at Schiphol



29.0%

female employees

EBITDA

42.1%



79.2

million passengers



71.1

million passengers at Schiphol



36.6%

transfer passengers at Schiphol



17.94

€ spend per passenger on airside at Schiphol



7.4

billion € total assets



0.3

Lost Time Injury Frequency (LTIF)



6.06%

energy efficiency at Schiphol



42.7%

waste separated



4.7%

absenteeism

ROE

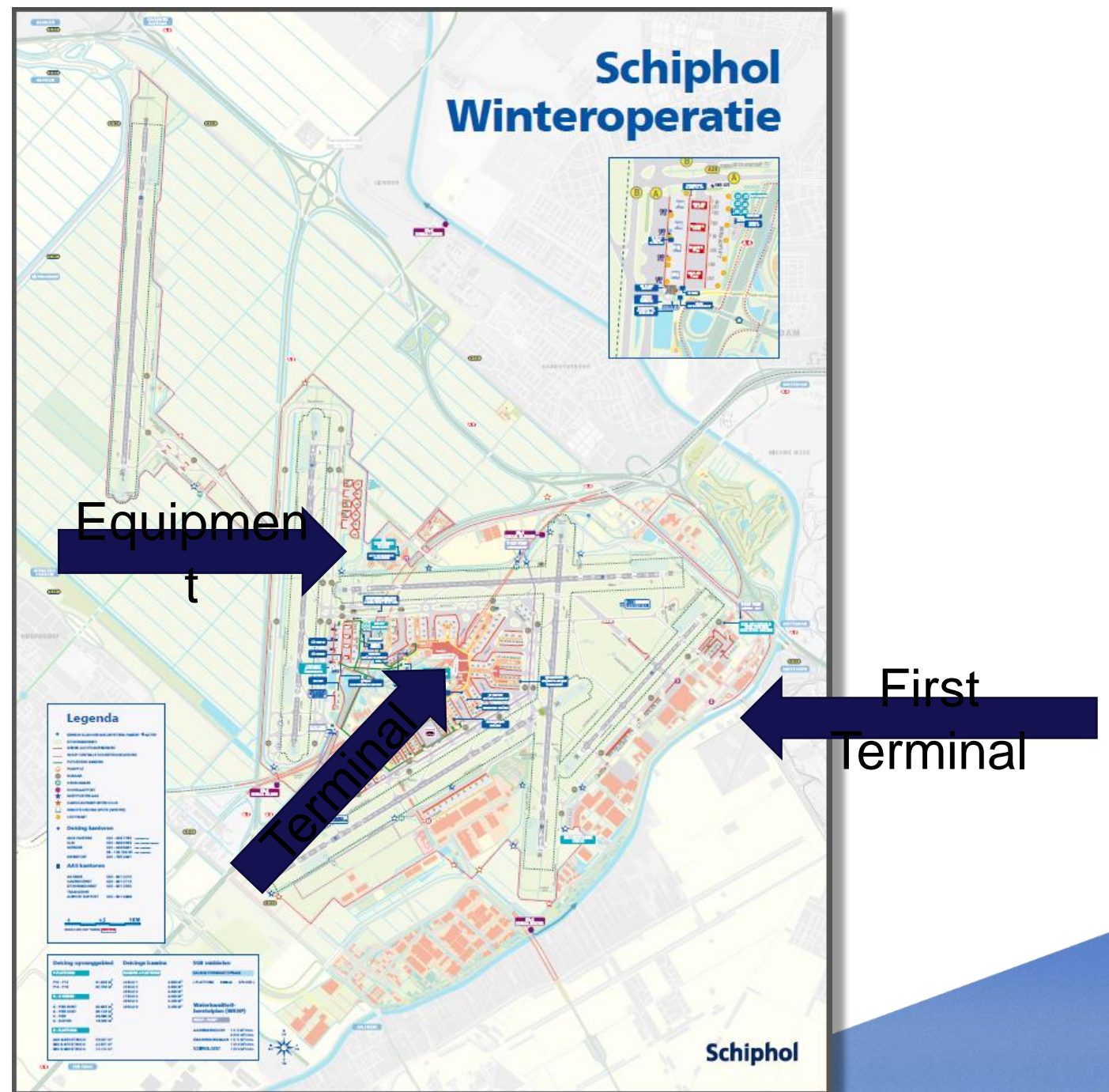
7.0%

Amsterdam Airport Schiphol

6 Runways

1 Terminal

World's oldest airport
in the same location (1916)



Season 2018 - 2019



Facts and Figures 2018 - 2019

- Number of passengers: 38.6 M
- Number of flights: 275,696

Snow:

- Days of snow: 9 (normal: 26)
- Amount of snow: 11 cm
- Amount of rain: 317 cm

Aircraft de-icing

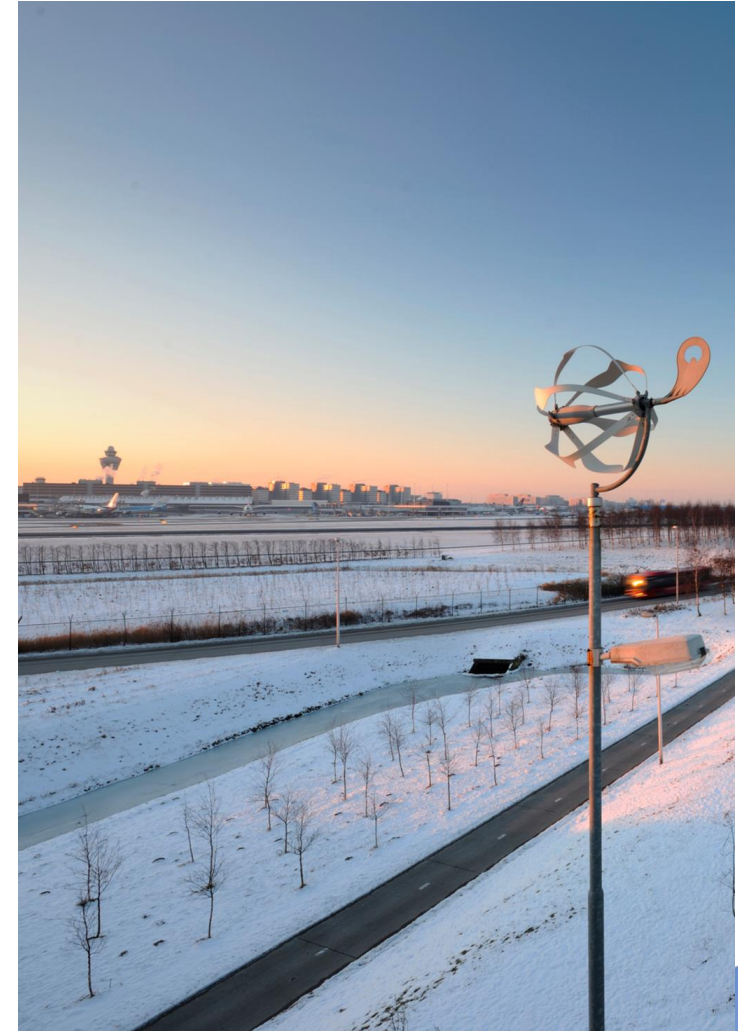
- Days with aircraft de-icing: 98
- First de-icing: 28 oktober
- last de-icing: 4 may
- Total number of anti-icing and de-icing: 2905
 - At the gate: 1052
 - Remote: 1338
 - Anti-icing: 515

Water quality

- Number of measurepoints: 24
- Days of measures (WKHP): 35

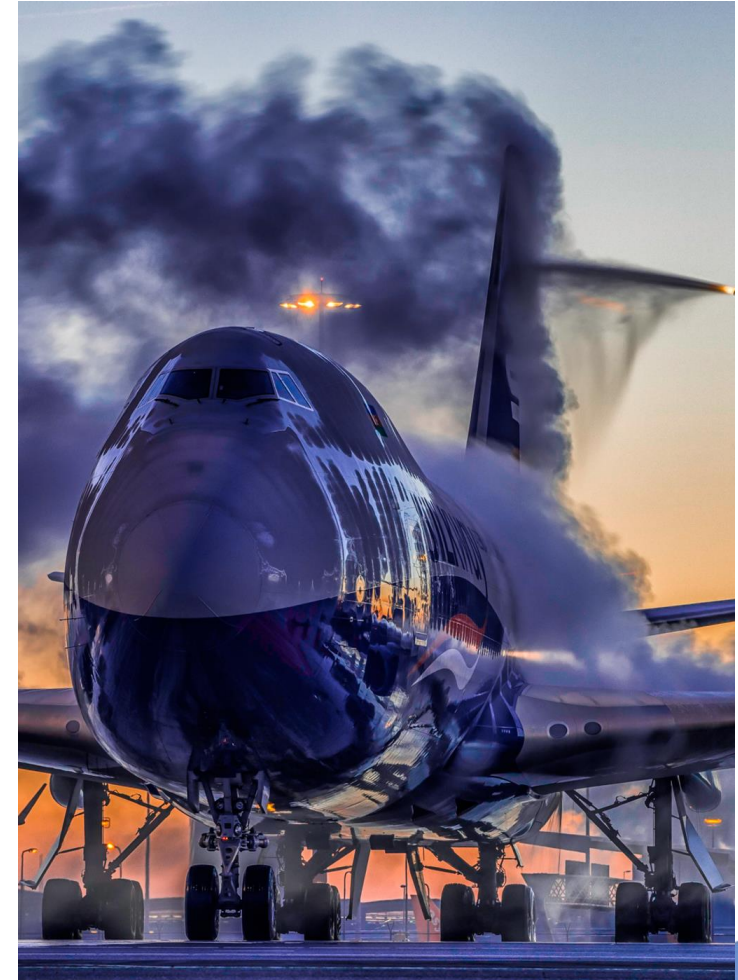
Surface de-icing

- Days of frost: 28 (normal: 48)
- Days of runway de-icing: 28



Key figures 2018 - 2019


Surface De-Icing	Liquid (liter)	945,979
	Product	Proviron KF
	Area of operation	RWY, TWY, Aprons
	Solid (kg)	243,000
	Product	-
	Area of operation	NaCl on roads AIR and LAN
	Sand (kg)	-
	Area of operation	-
	Chips (kg)	5475
	Area of operation	CaCl pellets on non connected aprons



Winter equipment

- 16 Towed sweepers
 - 5 Ramp cleaners
 - 12 Ramphogs
 - 3 High capacity blowers
 - 2 Medium capacity blowers
 - 8 Sprayers
 - 11 Gritters
 - 2 Ice scrapers
 - 4 Monoblocks
 - 5 Compact sweepers
 - 2 Combi sprayers / gritters
- 
- A solid blue triangle is located in the bottom right corner of the slide, pointing upwards and to the left.

What is new?

- A large reorganisation finished; still searching for the 'how'
 - A lot of new staff
 - Next year: New infrastructure (stands, Pier, taxiways etc)
 - Working on new de-icing concept
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- A blue decorative triangle is located in the bottom right corner of the slide.

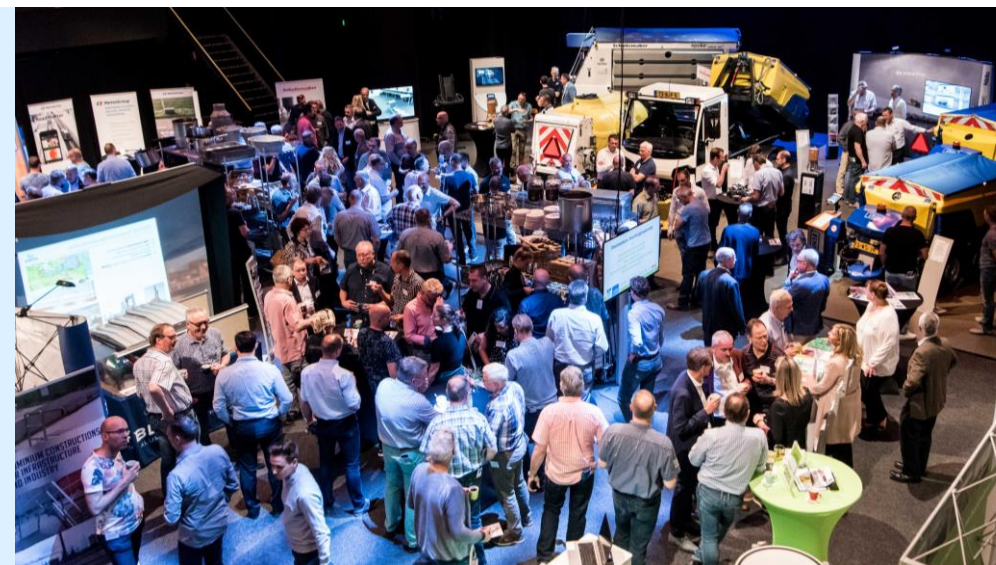
Programma

NVAD
SAMEN VOOR SCHONE EN
AFVALVRIJDE GEMEENTEN

NATIONAAL
GLADHEIDBESTRIJDINGS-
CONGRES 2022
DUURZAAM GLADHEIDBEHEER

Netwerkborrel

16.00 - 17.00 uur
Beursvloer



 **aebi schmidt**
group



 Jewel

DTN°

 NEDMAG



Schuitemaker
Master your Mobility

 Rondaan