



Airneth Annual Conference, 11 – 13 April, The Hague “Optimal Use of Scarce Airport Capacity”

Crown Plaza Hotel Promenade, The Hague

In co-operation with the German Aviation Research Society (GARS)



Wednesday 11 April 2007

5.00 p.m. **Reception and early registration at Crown Plaza Hotel, The Hague**

Thursday 12 April 2007

Chair: Prof. Marc Gaudry, *Université de Montréal et Institut National de Recherche sur les Transports et leur Sécurité (INRETS), Canada*

8.30 a.m. **Registration**

Opening

9.30 a.m. Welcome by Chairman
Prof. Marc Gaudry

Welcome by the Netherlands Minister of Transport, Public Works and Water Management
Camiel Eurlings

Welcome by the Director of Airneth
Announcement of Thesis Prize
Prof. Jaap de Wit, Airneth, The Netherlands

Plenary session I

10.00 a.m. **Setting the scene**
The gap between demand and supply of airport capacity in Europe
Eric Miart, Airport Operations Programme Manager, Eurocontrol, Brussels, Belgium

Slot selectivity measures and the international aviation system
John Balfour, Beaumont&Son Aviation/ Clyde & Co, London, UK

11.05 a.m. **Coffee Break – Demonstration by Geluidsnet.nl & Nationaal Lucht- en Ruimtevaartlaboratorium (NLR)**

Plenary session II

11.35 a.m. **Solutions for capacity constraints**
Demand management
Prof. David Gillen, University of British Columbia, Canada



Multi-airport systems

Prof. Richard de Neufville, MIT, Boston, USA

Secondary slot trading

Laurie Price, Mott MacDonald, London, UK

1.05 p.m.

Lunch

Parallel session (A,B,C,D)

2.30 p.m.

A: Airside selectivity

Chair: *Mr. Eric Pels, Free University, Amsterdam, The Netherlands*

Air cargo, mainport policy and selectivity: the case of Amsterdam Airport Schiphol

Enno Osinga, Senior Vice President Cargo, Amsterdam Airport Schiphol, The Netherlands

How to accommodate LCC?

Nigel Dennis, Head of the Air Transport Unit, UK

The welfare impacts of dehubbing

Jan Veldhuis, Amsterdam Aviation Economics, Amsterdam, The Netherlands

B: Demand management

Chair: *Dr. David Gillen, University of British Columbia, Canada*

Optimal use of airport capacity using DARTS & Sally. The case of Zurich.
Andreas Gammel, Zurich, Switzerland

Potential for medium-term growth at Schiphol airport – An assessment of alternative policy measures

Eric Kroes, Significance, Leiden, The Netherlands

The potential impact of slot trading at European hubs

Prof. Jaap de Wit, Airneth, The Netherlands

C: Multi-airport systems

Chair: *Richard de Neufville, MIT, Boston, USA*

The planning of secondary airports in the era of low-cost airlines: the case of Frankfurt Hahn

Paul Beck, NACO, The Netherlands

Airport systems in Europe

Jordi Candela, A-Ports, Barcelona, Spain



D: Competing demands in the airport region

Chair: TBA

Air-rail integration

Moshe Givoni, Free University, Amsterdam, The Netherlands

Airports as city-ports in the city-region

Michel van Wijk, SADC, Schiphol, The Netherlands

4.00 p.m.

**Coffee break – Demonstration by Geluidsnet.nl & Nationaal Lucht-
en Ruimtevaartlaboratorium (NLR)**

Plenary session III

4.30 p.m.

Round table discussion & closing

Panel discussion

Chair: *Prof. Marc Gaudry, Université de Montréal et Institut National de
Recherche sur les Transports et leur Sécurité (INRETS), Canada*

Panel:

Jeroen Fukken, DGTL, Netherlands Ministry of Transport

TBA

5.30 p.m.

Closing speech by CEO of KLM

Peter Hartman

5.50 p.m.

Closing of the day

*Prof. Marc Gaudry, Université de Montréal et Institut National de
Recherche sur les Transports et leur Sécurité (INRETS), Canada*

6.00 p.m.

Drinks

Friday 13 April 2007: Airneth/GARS Research Workshop

9.00 a.m.

Reception

9.30 a.m.

Opening/ Welcome address

Prof. Jaap de Wit, Airneth

Prof. Hans-Martin Niemeier, German Aviation Research Society

10.00 am.

Plenary session 1

Airport reform in Europe

*Peter Forsyth (Monash University), Hans-Martin Niemeier (GARS) and
David Gillen (University of British Columbia)*

The connectivity of Brussels, Amsterdam and Paris in light of the Air
France/KLM merger and multimodal developments: towards a single
regional airport system?

*Ben Derudder, Frank Witlox and Lomme Devriendt (University of Ghent)
(Discussant: Prof. Richard de Neufville)*

11.00 a.m.

Coffee break



11.30 a.m.

Parallel session 1 (A, B)

Parallel session 1A

Efficient use of Capacity – The Airlines' Perspective

Jörg Bauer (Lufthansa)

Market-Based Alternatives for Managing Congestion at New York's LaGuardia Airport

Michael Ball (University of Maryland) et al.

Possible approaches to auctioning airport slots

Inge V. Hansen and Dan Maldoom (DotEcon)

Parallel session 1B

Study on the usage of declared capacity at major German airports

Daniel Kösters (RWTH Aachen)

Support of the definition of the declared capacity by the use of Airside Simulation for runway capacity analysis

Stefan Theiss (RWTH Aachen)

Capacity analysis of runway systems

Raik Stolletz (University of Hannover)

1.00 p.m.

Lunch break

2.00 p.m.

Parallel session 2 (A,B)

Parallel session 2A

Low-cost airlines and airport competition

Eric Pels (Free University Amsterdam)

Methodology of the airport competition and Catchment Area Model (ACCM)

Jan Velhuis (SEO Economic Research), Eric Kroes (Significance) and Marco Kouwenhoven (Significance)

Distribution rules for multi-airport systems using Netscan

Guillaume Burghouwt and Jaap de Wit (Airneth)

Parallel session 2B

A CDM standard to guide implementation in Europe

Henk Hesselink (NLR), Jean-Louis Raoul (NeoMetSys) and David Bowen (EUROCAE)

Planning airports and the global-local paradox

Bart de Jong (Utrecht University/Schiphol Group) and Michael Dross



Overcoming airport capacity environmental tensions at Barcelona airport and future airport development strategies

Pere Suau Sanchez and Montserrat Pallares-Barbera (Universitat Autònoma de Barcelona)

3.30 p.m.

Coffee break

4.00 p.m.

Plenary session 2

Optimal use of Dublin airport's capacity

Bridin O'Leary, Thea Bainger and Ian Alexander (Commission for Aviation Regulation Ireland)

A welfare economic approach to noise standards

(Kennisinstituut voor Mobiliteitsbeleid)

Choice of aircraft size - explanations and implications

Moshe Givoni (Free University Amsterdam)

5.30-6.30 p.m.

Drinks