ATLAS OF AIRPORTS IN NORTHWEST EUROPE

RUIMTELIJK PLANBUREAU
Netherlands Institute for Spatial Research

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ATLAS OF AIRPORTS IN NORTHWEST EUROPE

Project Regional Airports in NWE
substudy Atlas of Airports

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Study Airports
The Atlas of Airports is a product of the study Regional Airports in NWE of Ruimtelijk Planbureau. The results of this study will be published in 2005.

Other products of the study of Airports:
- European regional airports in competition
- Proximity in a changing context, European regional airports in competition
- Workshops Design airport

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FOREWORD

The aviation market in Europe is taking off. Flying is becoming increasingly popular. Not only is it fast, but budget airlines have made flying inexpensive as well. Existing regional airports are being expanded; new airports are being developed and achieve rapid growth.

The growth of these airports has land-use and economic implications for their regions. An international airport is an important driving force behind the regional economy. Airports are often viewed as an important precondition for the generation of international business activity and employment. They also place huge demands on the surrounding area, both directly (the airport grounds and its infrastructure) and indirectly (zoning of noise levels and safety). Direct land-use demands of an airport can conflict with the spatial development of its surroundings. Local authority plans to extend residential areas, for example, can come into conflict with the desires of airports for additional growth. On the other hand, indirect land-use considerations can constrain ambitions for further airport growth.

When developing airport policy, it is therefore necessary to gain insight into the use of space by airports and the spatial demands of their surroundings. There are many valuable databases of airports, but they focus on technical and aeronautical aspects of airports. A clear overview of the spatial situation of airports has been notably absent however.

This atlas provides an overview of almost forty airports in Northwest Europe. Airports were chosen in the vicinity of The Netherlands and with a reasonable volume of traffic. All of the airports and their direct impacts on land-use are illustrated using data and maps. The information is divided into three themes: organization, air traffic and airport grounds. For Dutch airports, not just the direct but also the indirect land-use impacts are depicted using maps that identify safety and noise zones, the development sites of surrounding local authorities and data regarding noise levels.

The Netherlands Institute for Spatial Research (RPB) has bundled this vital information about Northwest European airports into this atlas. This can be used as a tool for the further development of airport policy in the Netherlands and elsewhere.

This is the second edition of the Atlas. We received many compliments and many suggestions for correcting errors and new data. Both reactions are very much welcomed. The first stimulated us to do our utmost. The second gave us the right help to improve the Atlas. We thank you very much!

We welcome cooperation with people who would like to expand the number of airports in the Atlas, especially from other EU-countries. Please feel free to contact us: ruimtelijkplanbureau@rpb.nl.

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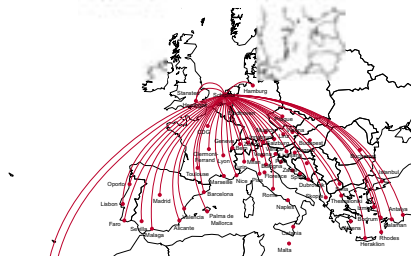
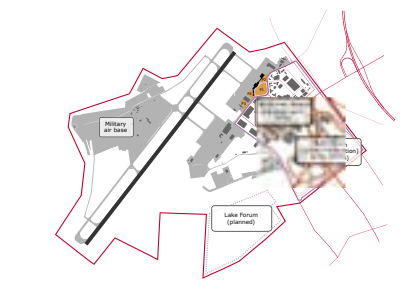
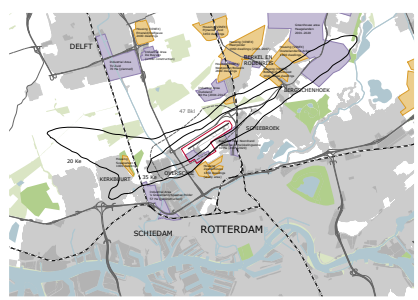






MAP

AIRPORT-REGION
- cities
- business & tourism area
- infrastructure

AIR TRAFFIC
Destinations
- scheduled / charter flights
- continental / intercontinental

AIRPORT-SITE
- runway
- buildings (e.g. terminals, offices)
- infrastructure (e.g. access, parking spaces)
- business area

SURROUNDING
- position airport & runways
- noise contour
- safety contour
- development sites

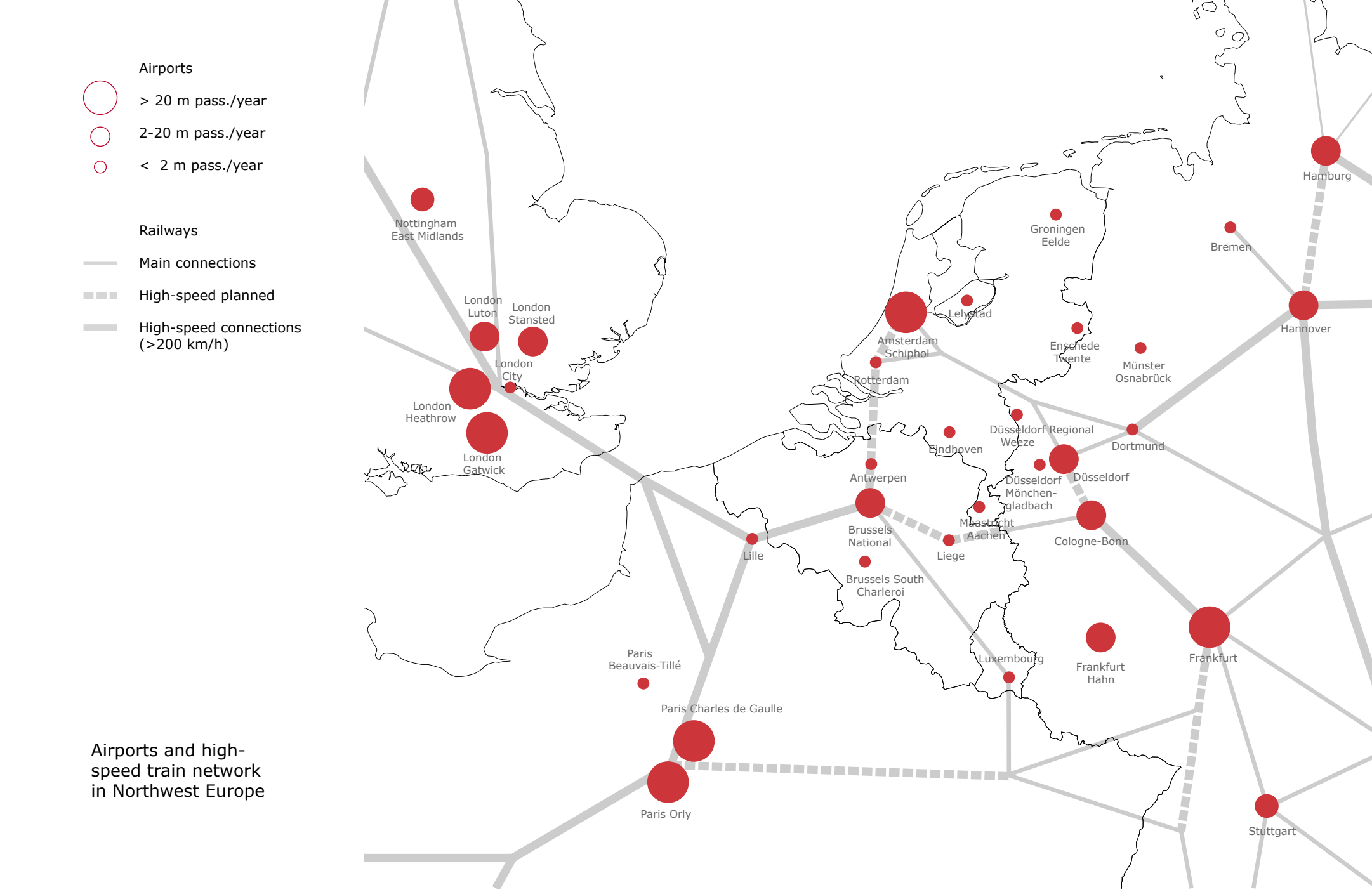
DATA

AIRPORT
Airport-Organization
- Address, IATA & ICAO-code, position (LAT/LONG)
- Opening hours and (noise) restrictions
- Operator, ownership & shares
- Finance
- Region, business area, employment

AIR TRAFFIC
Connectivity
- Airlines and destinations
Air traffic statistics
- Air movements
- Passengers
- Freight and mail

AIRPORT-SITE
Infrastructure
- Size
- Runways
- Terminals and capacities
- Facilities
- AirportCity
Accessibility
- Train / Bus link
- Modal split
- Parking area and parking fees

SURROUNDING
Noise
- Complaints
- Type of noise
- Area of noise complaints
Development surrounding airport
- Residential area, business area, infrastructure, nature (recreation)



Airports and high-speed train network in Northwest Europe