

ATLAS OF AIRPORTS IN NORTHWEST EUROPE

RUIMTELIJK PLANBUREAU

Netherlands Institute for Spatial Research



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

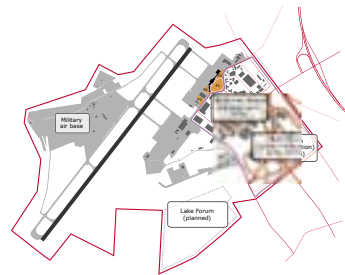
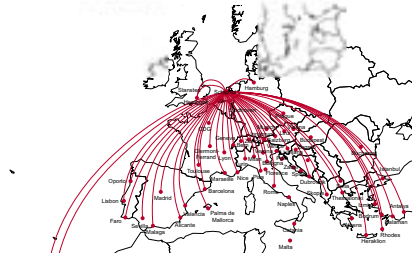
Europe. Airports were chosen in the vicinity of The Netherlands and with a reasonable volume of traffic. All of the airports and their direct impacts on land-use are illustrated using data and maps. The information is divided into three themes: organization, air traffic and airport grounds. For Dutch 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.

6 DESCRIPTION OF AIRPORTS - INDEX



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

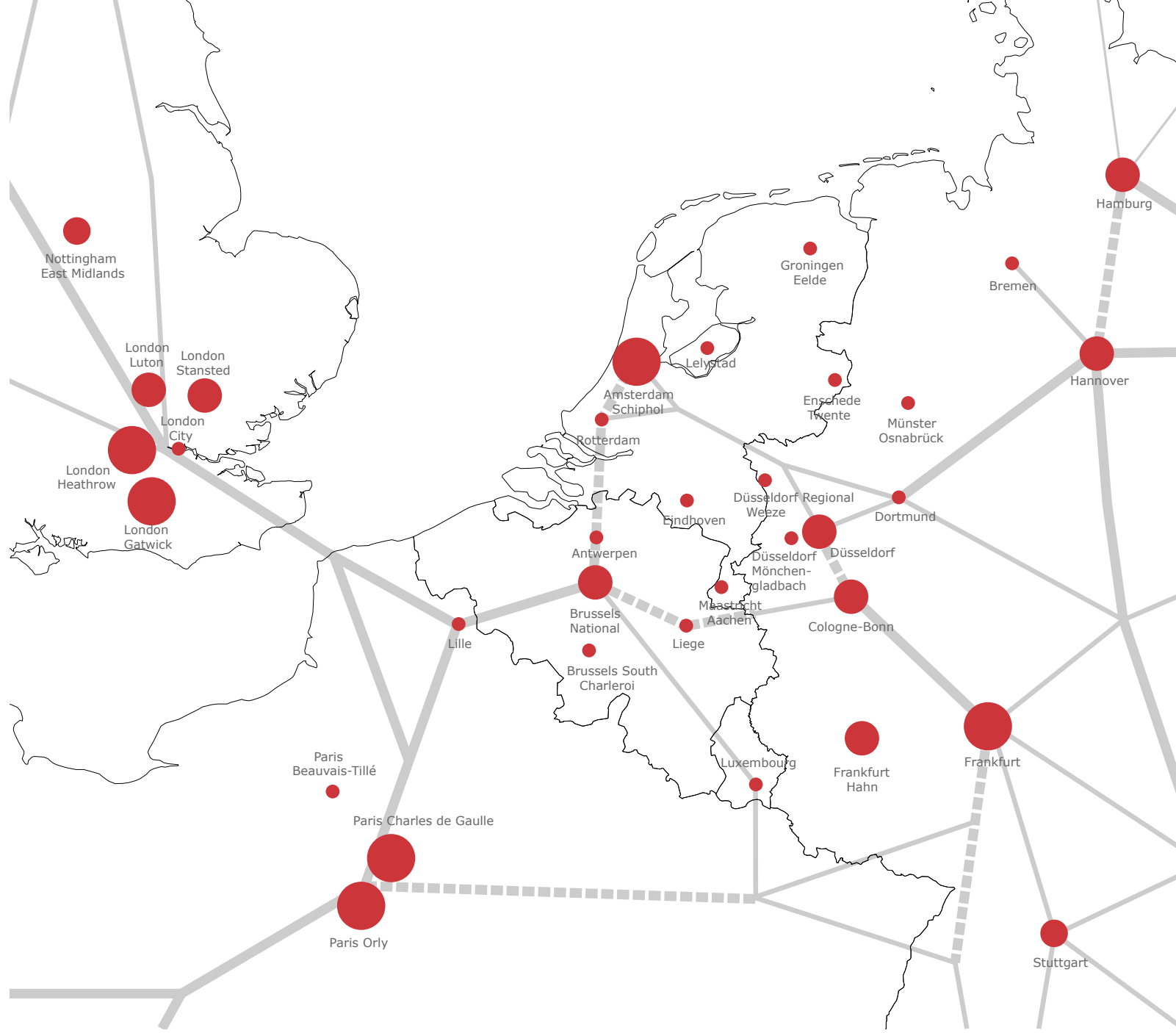
Noise

- Complaints
- Type of noise
- Area of noise complaints

Development surrounding airport

- Residential area, business area, infrastructure, nature (recreation)

- Airports**
- > 20 m pass./year
- 2-20 m pass./year
- < 2 m pass./year
- Railways**
- Main connections
- - - High-speed planned
- High-speed connections (>200 km/h)



Airports and high-speed train network in Northwest Europe



NL



Arial photo (2003)
Amsterdam Airport
Schiphol

1:40.000

**AMSTERDAM
AIRPORT
SCHIPHOL**

12 AMS - AMSTERDAM AIRPORT SCHIPHOL

AIRPORT-ORGANIZATION







Name / Address	Amsterdam Airport Schiphol, Evert vd Beekstraat 202, NL-1118 CP Schiphol-Centrum, Netherlands
Website	www.schiphol.nl
IATA / ICAO code	AMS / EHAM
Position (LAT/LONG)	52°18'31"N / 004°45'50"E
Opening hours	24 hours
(Noise) restrictions	Chapter 2 aircraft not allowed; no new flights of 'noisy'Chapter 3 aircraft (e.g. B737-200 with hushkit); no departures during night hours of 'noisy'Chapter 3 aircraft
Ownership	Schiphol Group N.V.
Operator	Schiphol Group
(civil) users	-
License	Article 33 Air traffic law, 20-02-2003
Shareholders	Schiphol Group N.V. - 100%

FINANCE (x €1.000, 2003)* *Total of Schiphol Group including alliances e.g. Rotterdam Airport & Lelystad Airport (Source: Schiphol Group, 2004)

Company results:	860.000	Company costs:	618.000
-Airport charges	466.000	-Salaries & social costs	139.000
-Rentals & concessions	220.000		
-Car parking charges	63.000	Investments:	353.000

REGION

Regional profile	Randstad - Noordvleugel				
Nearest city:	Amsterdam	-Population (x 1.000): 739,1			
-Potential market area (2004, x 1 million pax):	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
	8,5	22,8	6,4	13,8	9,6
Business (airport linked):	Schiphol Business area (North, South, East, South-east, Centre): 542 companies				
Employment (2003)*	*(Source: Schiphol Group, 2004)				
-Employed direct	2.231	-Employed indirect		57.100	

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water

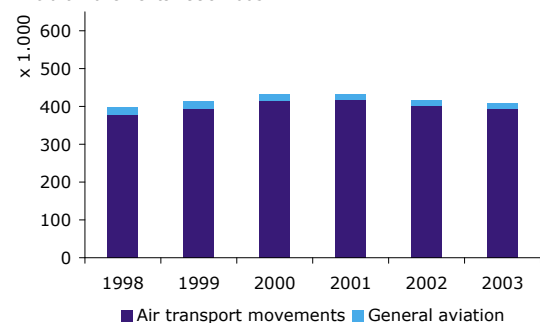


Amsterdam region

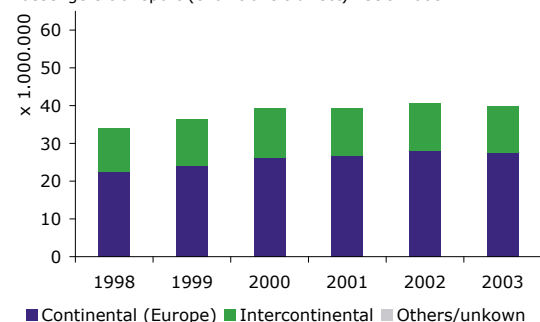
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14 AMS - AIR TRAFFIC

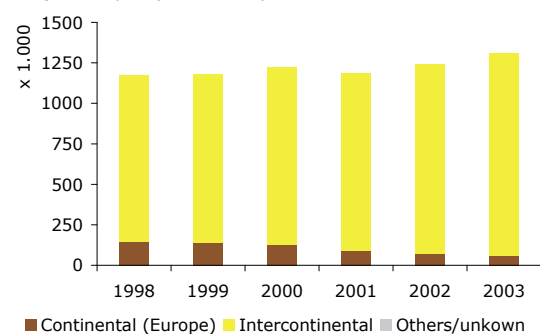
Aircraft movements 1998-2003



Passengers transport (excl. transit-direct) 1998-2003



Freight transport (metric tons) 1998-2003



CONNECTIVITY (summer 2004)

Destinations:	245
-Scheduled flights	245
-Charter flights	
Airlines:	88

AIR TRAFFIC (statistics 2003, x 1.000)

	2003	compared to 2002
Aircraft movements	408,3	-2,1%
-Air transport movements	393,0	-2,1%
-General aviation	15,3	-2,8%

	2003	compared to 2002
Passenger transport (excl. transit-direct)	39.808,6	-1,9%
Origins/departures:		
-Continental (Europe)	27.577,9	-1,2%
-Intercontinental	12.230,8	-3,4%
-Others/unkown	0	-


	2003	compared to 2002
Freight transport (metric tons)	1.306,1	5,3%
Origins/departures:		
-Continental (Europe)	59	-12,6%
-Intercontinental	1.247,2	6,4%
-Others/unkown	0	-

	2003	compared to 2002
Mail transport (metric tons)*	47,6	-2,3%

*(Source: IATA, 2004) (Source: CBS, 2004)

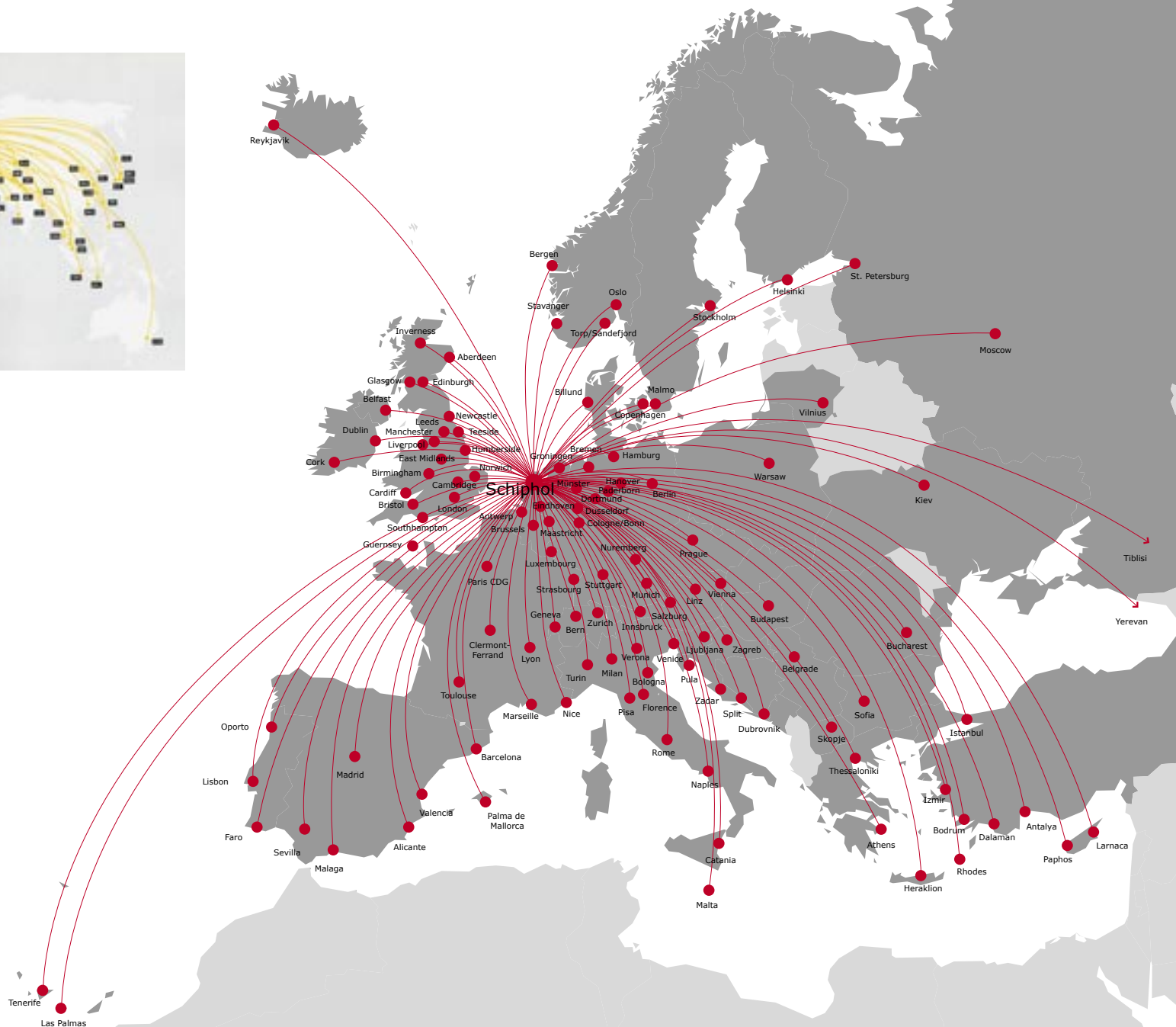


Worldwide destinations from Amsterdam Airport Schiphol (summer 2004)

 Scheduled flights

European destinations from Amsterdam Airport Schiphol (summer 2004)

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16 AMS - AIRPORT-SITE

AIRPORT-INFRASTRUCTURE

Size	2.787 ha		
Runways:	6	-Longest length runway: 3.800 m	
-Runway 1	Heading 18C/36C 'Zwanenburg', 3.300m, Aircraft size max: B747-400		
-Runway 2	Heading 18L/26R 'Aalsmeer', 3.400m, Aircraft size max: B747-400		
-Runway 3	Heading 06/24 'Kaag', 3.500m, Aircraft size max: B747-400		
-Runway 4	Heading 09/27 'Buitenveldert', 3.450m, Aircraft size max: B747-400		
-Runway 5	heading 18R/36L 'Polder', 3.800m		
-Runway 6	Heading 04/22 'Schiphol Oost', 2.014m, Aircraft size max: B737		
Apron (aircraft stands)	176		
Cargo terminal:	7	-Capacity cargo (tons):	1.500.000
Passenger terminal:	1	-Capacity passengers (annual):	45.000.000
-AirportCity	Yes		







ACCESSIBILITY

	-Train link: Yes	-Nearest city: Amsterdam (15km)		
Modal split (year:2003)*	Rail&Bus	Private car (kiss&fly)	Private car (parking)	Taxi,hotelbus, rental car
*(Source: Schiphol Airport surveys 2003, 2003)	34%	35%	10%	21%
Parking area (spaces)*:	18.523	*(Source: Shiphol Group,2004)		
-Parking fees (euros, 2004):	1 hr	1 day	7 days	
--short term	€ 3,60	€ 22,50	€ 113,50	
--long term		€ 7,50	€ 67,50	
--luxe parking	€ 8,00	€ 35,00		
--valet parking		€ 32,00	€ 136,00	

PLANNED AIRPORT DEVELOPMENT

(Sources: ATAG, 2003, Schiphol Group, 2004)

-Projects:	-Additional capacity:	-Year operation:	-Status:
Western terminal extension	Terminal	2005	Actual
Apron extensions	Apron	2005/6	Actual
H pier for short turn arounds	Apron	2006	Planned

-  Airport area
-  Building restriction zone
as established in the legal airport resolution
(Het Luchthavenindelingsbesluit 2004)
-  Motorway
-  Railway
-  Built area
-  Industrial area
-  New industrial area
-  New residential area
-  New recreation area
-  Ecological area (EHS)
-  Forest
-  Water



Amsterdam Airport Schiphol
and surrounding
developments













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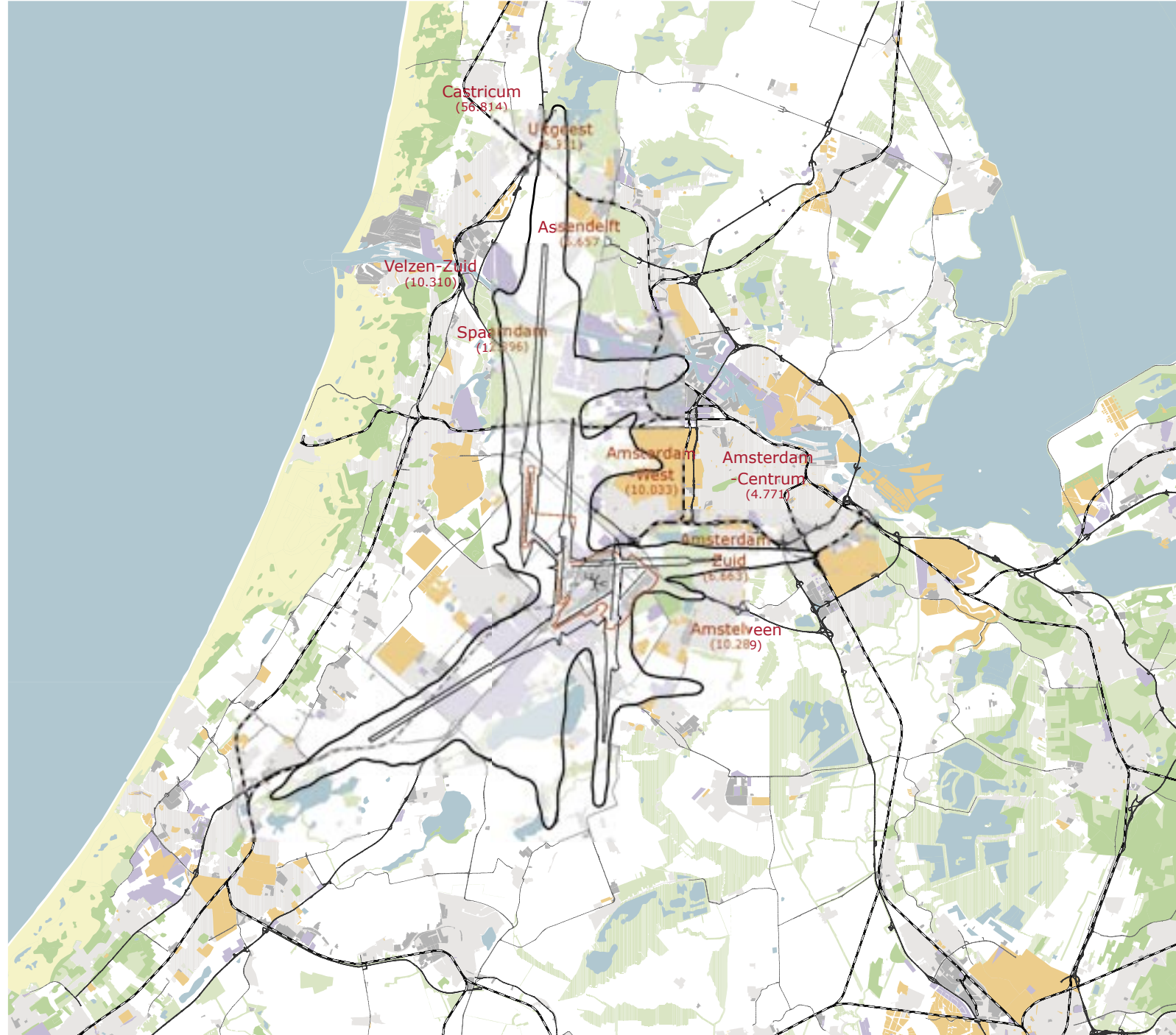
18 AMS - ENVIRONMENT

NOISE*	2003	compared to 2002
Noise complaints	279.493	92%
Noise complainers	12.005	23%
Noise complaints area (cities)	254	26%
Comments:	The growth of complaints is due to the use of the new runway 'Polderbaan' in 2003.	
Type of noise:	2003	compared to 2002
Civil air traffic (take off/landing-scheduled)	266.756	138.242
Night traffic	45.105	19.885
Ground/take off noise	*4.061	1.028 *Hoofddorp: 2424
Helicopters	369	199
Noise complaints area (selection):	2003	compared to 2002
Castricum	56.814	12.540
Spaarndam	12.896	258
Velsen-Zuid	*10.310	58 * 84% complaints by 1 person
Amstelveen	10.289	8.240
Amsterdam-West	10.033	16.661
Uitgeest	6.911	728
Assendelft	6.657	792
Amsterdam-Zuid	6.633	11.701
Amsterdam-Centrum	4.771	11.698

*(Sources: CROS, 2003, 2004)

DEVELOPMENT REGION	-Sites (selection):	-Plan (organization):	-Period:
Residential area	Stellinghof-Vijfhuizen, Hoofddorp West, Floriande, Toolenburg Zuid	Development plan (Gem.Haarlemmermeer)	2005-2015
Business area	New offices&business around Schiphol, A'dam Zuidas, Schiphol logistics, A4 zone	(Schiphol Real Estate, Zuidas, Gem.Haarlemmermeer)	2002-2010, 2005>
Infrastructure	HSL-Zuid, Zuid-tangent, Metro NZline, A4	(Min.V&W, Gem.Amsterdam)	2005, -2010
Nature	Park 21e eeuw, bufferzones	(Gem.Haarlemmermeer, DLG)	-2010

-  Airport area
-  Building restriction zone
as established in the legal airport resolution
(Het Luchthavenindelingsbesluit 2004)
-  Motorway
-  Railway
-  Built area
-  Industrial area
-  New industrial area
-  New residential area
-  New recreation area
-  Ecological area (EHS)
-  Forest
-  Water



Amsterdam Airport Schiphol
and surrounding
developments

1:300.000



Arial photo (2000)
Eindhoven Airport

1:20.000

**EINDHOVEN
AIRPORT**

32 EIN - EINDHOVEN AIRPORT

AIRPORT-ORGANIZATION

Name / Address	Eindhoven Airport, Luchthavenweg 25, NL-5657 EA Eindhoven, Netherlands
Website	www.eindhovenairport.nl
IATA / ICAO code	EIN / EHEH
Position (LAT/LONG)	51°26'00"N / 005°23'00"E
Opening hours	Mon-Fri 06:45-22:45 hrs, Sat 08:00-20:00 hrs, Sun 10-22:00 hrs
(Noise) restrictions	Chapter 2 aircrafts not allowed
Ownership	Ministry of Defense
Operator	Eindhoven Airport NV
(civil) users	Military air force + civil aviation
License	Article 33 Air traffic law, 14-11-2003
Shareholders	Schiphol Group N.V. - 51% Provincie Noord-Brabant - 24,5% Gemeente Eindhoven - 24,5%

FINANCE (x €1.000, 2003)

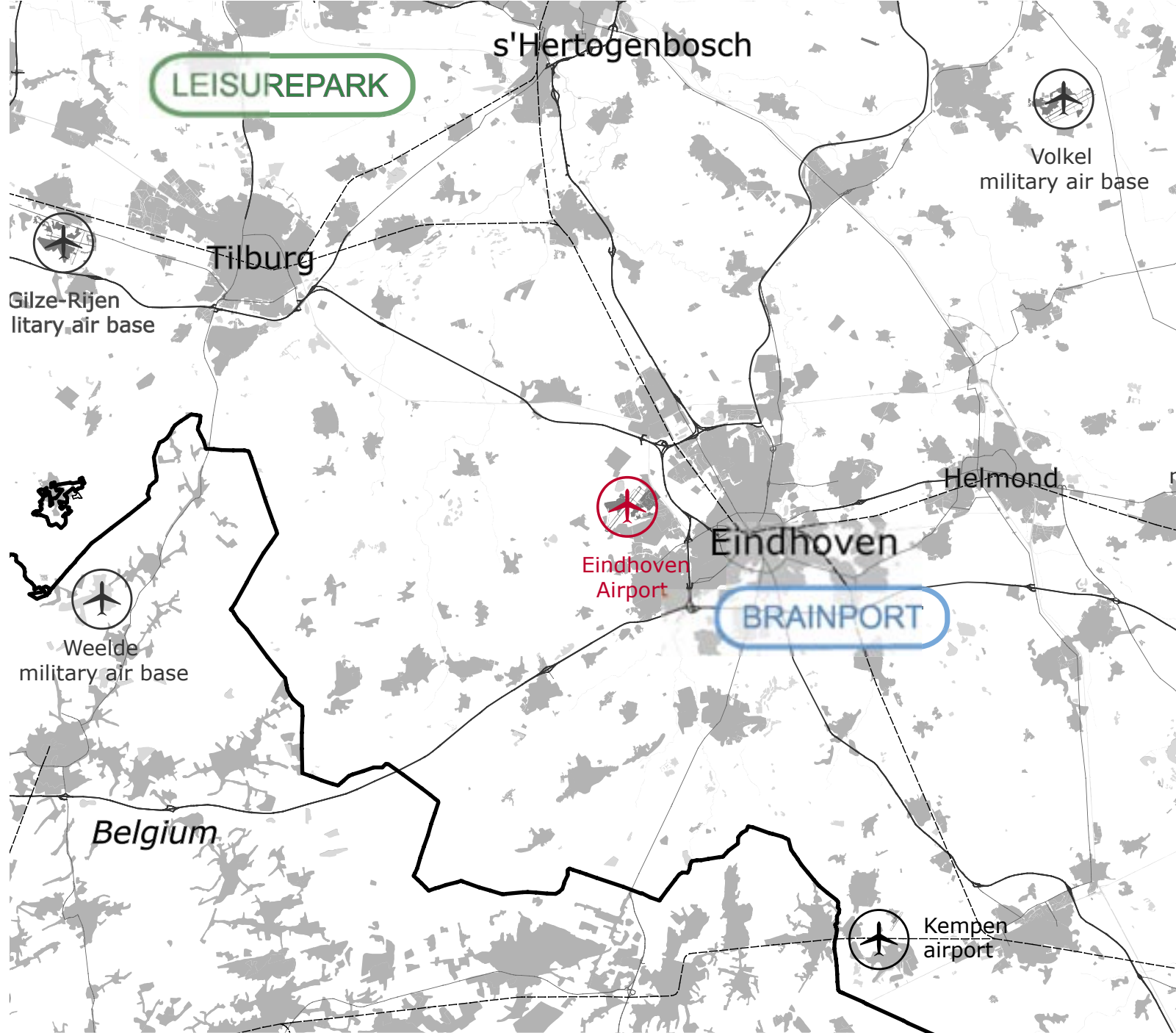
*(Source: Eindhoven Airport, 2004)

Company results:	7.516	Company costs:	6.486
-Airport charges	5.298	-Salaries & social costs	1.423
-Rentals & concessions	884		
-Car parking charges	1.031	Investments:	642

REGION

Regional profile	Zuidoost Brabant
Nearest city:	Eindhoven -Population (x 1.000): 207,9
-Potential market area	1hr by car 2hrs by car 1hr by train 2hrs by train weighted with distance decay
(2004, x 1 million pax):	7,6 38,5 2,4 26,7 11,4
Business (airport linked):	Business area Eindhoven Airport (57ha), Flight Forum (30ha), Lake, Land & Trade Forum (100ha)
Employment (2003)*:	*(Source: Eindhoven Airport, 2004)
-Employed direct	30 -Employed indirect* 2.500

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water

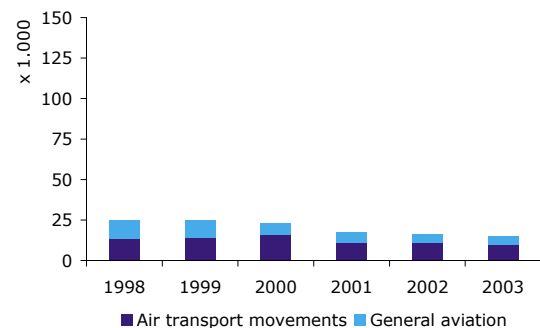


Eindhoven region

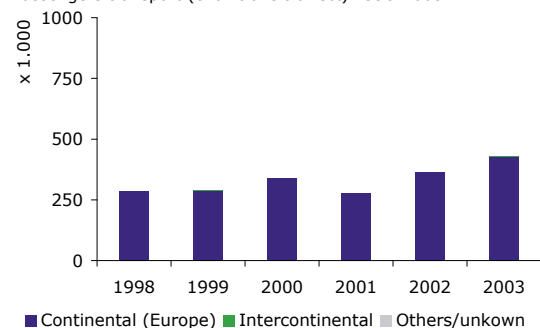
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EIN - AIR TRAFFIC

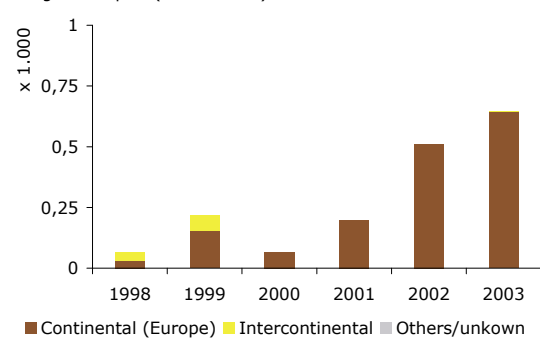
Aircraft movements 1998-2003



Passengers transport (excl. transit-direct) 1998-2003



Freight transport (metric tons) 1998-2003



CONNECTIVITY (summer 2004)

Destinations:	18
-Scheduled flights	9
-Holiday flights	9
Airlines (Charters):	13 (9)

	2003	compared to 2002
AIR TRAFFIC (statistics 2003, x 1.000)		
Aircraft movements	14,8	-9,3%
-Air transport movements	9,9	-8,3%
-General aviation	4,9	-11,0%

	2003	compared to 2002
Passenger transport (excl. transit-direct)	427,7	17,7%
Origins/departures:		
-Continental (Europe)	426,9	17,5%
-Intercontinental	0,8	-
-Others/unkown		

	2003	compared to 2002
Freight transport (metric tons)	0,6	27,0%
Origins/departures:		
-Continental (Europe)	0,6	26,2%
-Intercontinental		-
-Others/unkown		

	2003	compared to 2002
Mail transport (metric tons)	0	-

(Source: CBS, 2004)

- Scheduled flights
- Charter flights



European destinations
from Eindhoven Airport
(summer 2004)

1:25.000.000

EIN - AIRPORT-SITE

AIRPORT-INFRASTRUCTURE

Size	528 ha		
Runways:	1	-Longest length runway:	3.000m
-Runway 1	Heading 04/22, 3.000m, Aircraft size max: No limit		
Apron (aircraft stands)	19		
Cargo terminal:	1	-Capacity cargo (tons):	35.000
Passenger terminal:	1	-Capacity passengers (annual):	500.000
-AirportCity	new	Year:	2005

ACCESSIBILITY

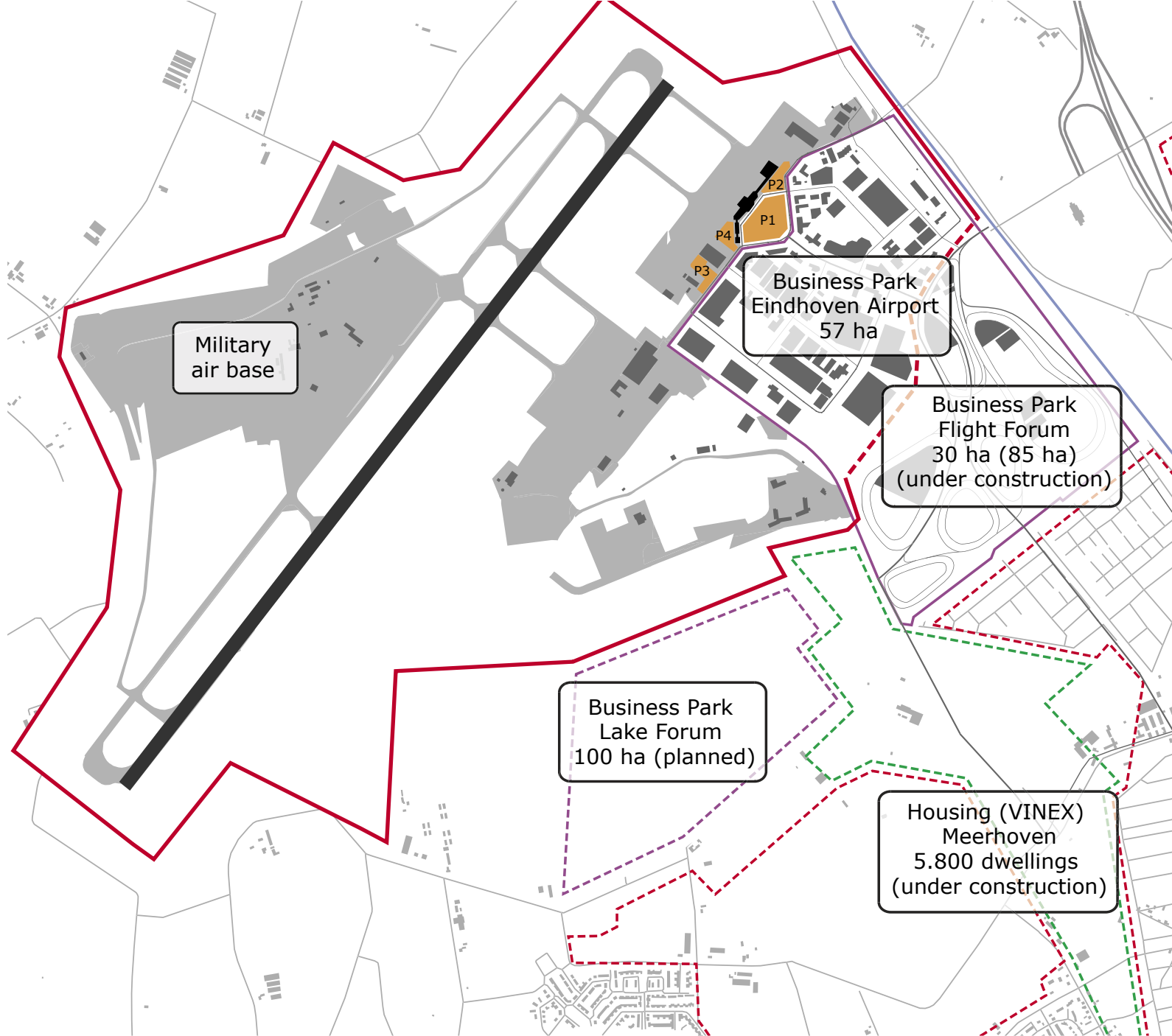
	-Train link: No	-Bus link: HOV	-Nearest city: Eindhoven (7km)		
Modal split:	Rail	Bus	Taxi	Private car	Others
	-	-	-	-	-
Parking area (spaces):	2.500				
-Parking fees (euros, 2004)	1 hr	1 day	7 days		
--short term	€ 3,00	€ 23,00	€ 105,00		
--long term	€ 3,00	€ 15,00	€ 47,00		

PLANNED AIRPORT DEVELOPMENT

(Source: Eindhoven Airport, 2004)

-Projects:	-Additional capacity:	-Year operation:	-Status:
Passenger terminal (1,2 million pax)	Terminal	2005	Actual

- Airport area
- - - New business area
- - - New residential area
- - - New recreation area



Eindhoven Airport area and surrounding

1:18.750

EIN - ENVIRONMENT


NOISE*	2003	compared to 2002
Noise complaints	590	614
Noise complainers	-	171
Noise contour (max. 4,65 km ²)	2,16 km ²	2,23 km ²
Comments:	Regional Agreement between airport and surrounding on noise restriction; planning for a civil noise contour (separate from military air traffic).	

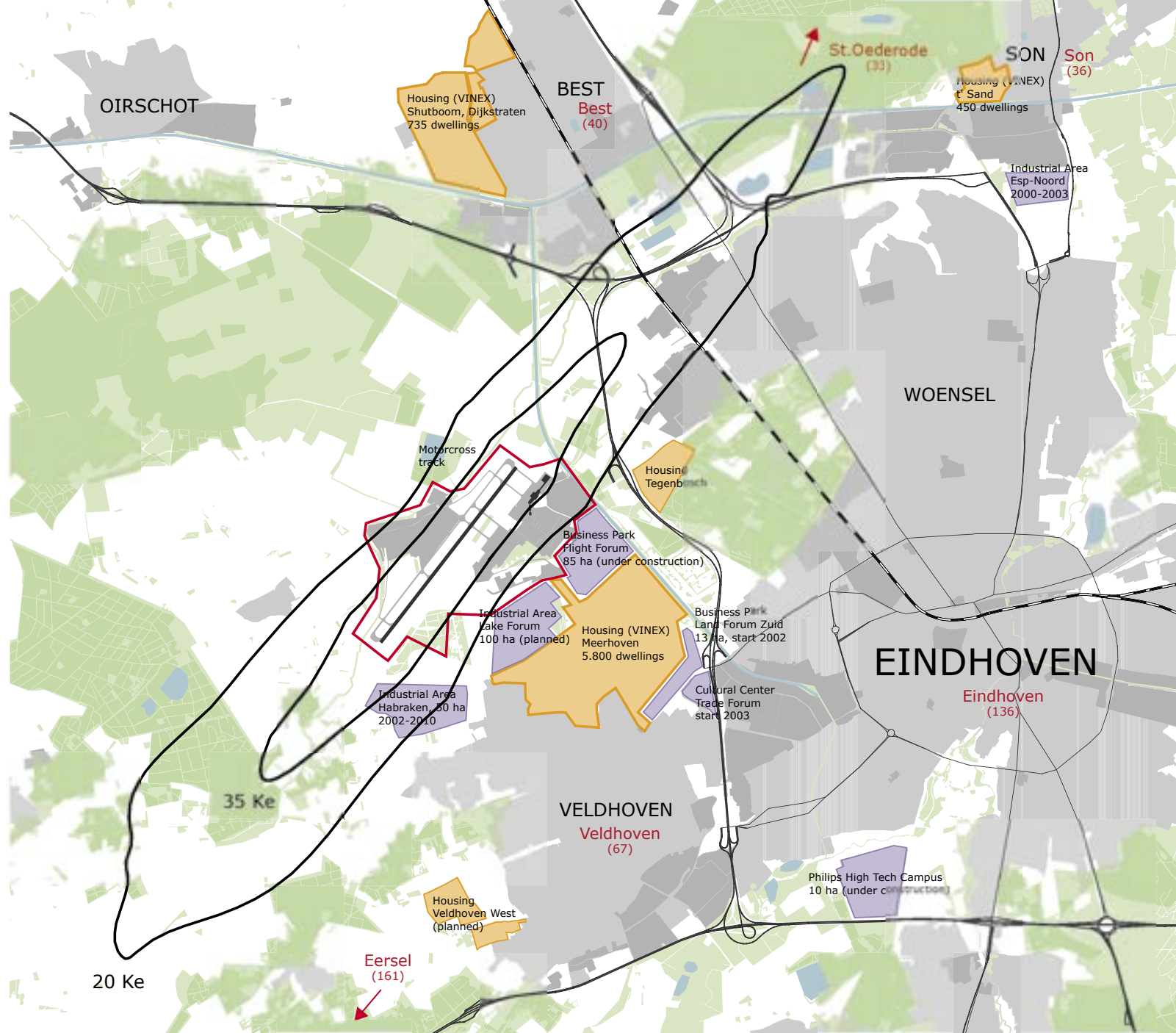
Type of noise:	2003	compared to 2002
Civil air traffic	140	180
Military air traffic	263	281
-(F16 + KDC-10 + AWACS)	-	(62 + 65 + 25)
Transit air traffic	146	148
Commercial (recreation) traffic	41	34
Night air traffic	66	-

Noise complaints area (selection):	2003	compared to 2002
Eersel	161	204
Eindhoven	136	108
Best	40	58
Veldhoven	67	61

*(Source: COVM Eindhoven Airport, 2004)

DEVELOPMENT REGION	-Sites (selection):	-Plan (organization):	-Period:
Residential area	Veldhoven/Oerle-West (Zonderwijsche Akkers), Best-Noord-West, Best-Oost en Sonniusdriehoek	Regionaal Structuurplan Eindhoven (SRE)	-
Business area	Meerhoven, Sonse Heide, Hbraken, Strijpse Kampen, zoneA2/Beatrixkanaal	Regionaal Structuurplan Eindhoven (SRE)	-
Infrastructure	Intercity station in Acht with HOV-connection to Airport	OV Netwerk Brabantstad (Brabantstad)	>2005
Nature	Meerpark, EHS	Meerhoven (Gem.Eindhoven), (Min.LNV)	>2005,-

-  Airport area
-  Noise contours
-  Motorway
-  Railway
-  Built area
-  Industrial area
-  New industrial area
-  New residential area
-  New recreation area
-  Ecological area (EHS)
-  Forest
-  Water



Eindhoven Airport and surrounding developments

1:75.000



Arial photo (2000)
Enschede Airport
Twente

1:20.000

ENSCHEDÉ
AIRPORT
TWENTE

62 ENS - ENSCHEDE AIRPORT TWENTE

AIRPORT-ORGANIZATION

Name / Address	Enschede Airport Twente, Vliegveldweg 333, NL-7524 PT Enschede, Netherlands		
Website	www.enschede-airport.nl		
IATA / ICAO code	ENS / EHTW		
Position (LAT/LONG)	52°16' 37"N / 006°53' 24"E		
Opening hours	06:45-22:30 hrs		
(Noise) restrictions	night traffic		
Ownership	Ministry of Defense		
Operator	Enchede Airport Twente B.V.		
(civil) users	Military air force (F16-base) + General Aviation		
License	Article 33 Air traffic law, 24-09-1979		
Shareholders	Altenrhein realco AG - 40%	Reggeborgh Invest BV-20%	NV Beheer Luchthaven Twente-20% Oad Participaties BV-20%
Comments:	Ministry of Defense will close the airbase in 2007; Chambers of commerce is making a plan for continue civil airport (ACM,DHV,2004).		

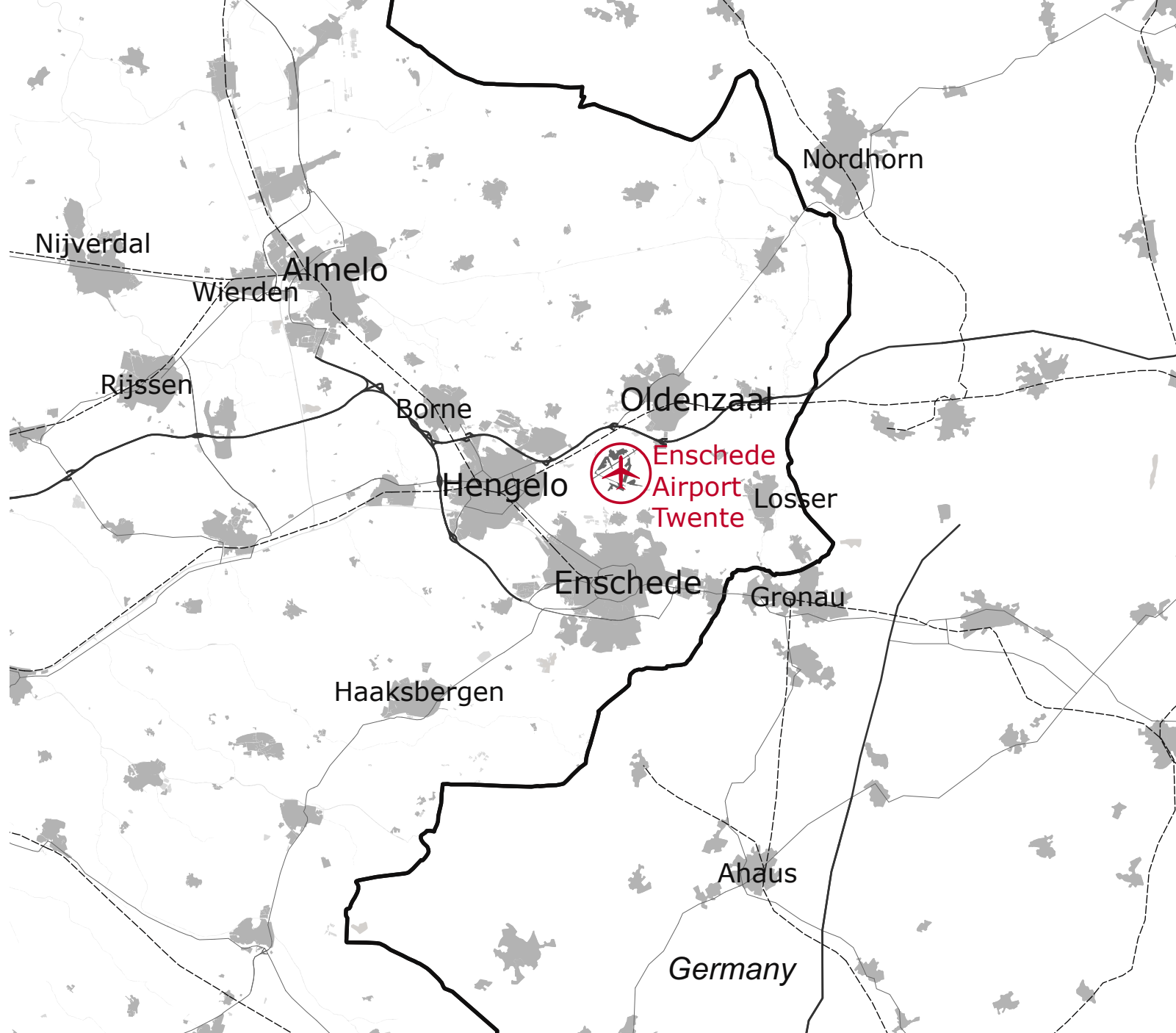
FINANCE (x €1.000,-, 2002)* *(Source: Twente Airport Enschede, 2003) Annual report 2003 is not yet available.

Company results:	826	Company costs:	825
-Airport charges	328	-Salaries & social costs	270
-Rentals & concessions	157	Investments:	12

REGION

Regional profile	Twente				
Nearest city:	Enschede		-Population (x 1.000): 153,0		
-Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	4,9	34,1	1,8	14,9	8,5
Business (airport linked):	Business area Airport: 10 companies				
Employment (2003)*:	*(Source: Enschede Airport Twente, 2004)				
-Employed direct	7		-Employed indirect		360

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



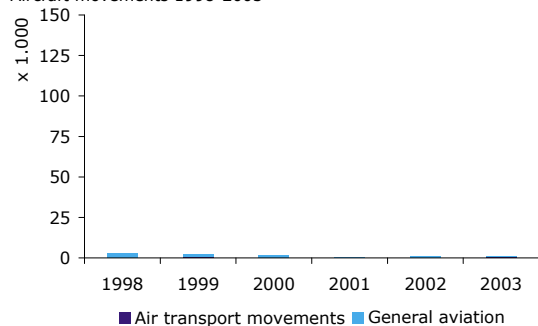
Twente region

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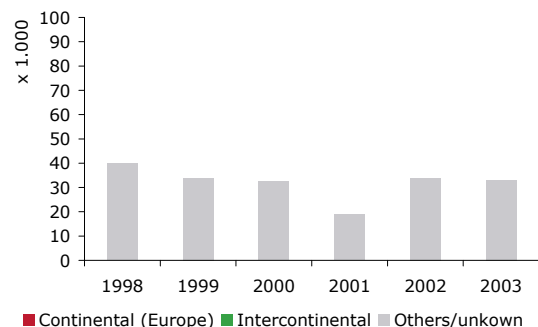
Germany

64 ENS - AIR TRAFFIC

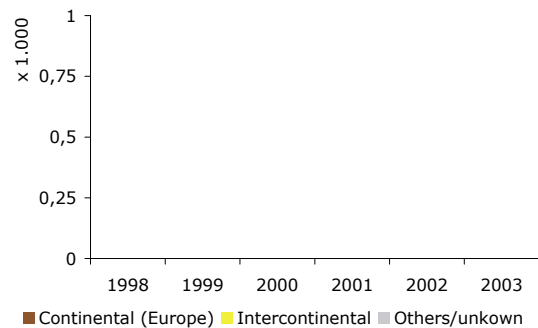
Aircraft movements 1998-2003



Passengers transport (excl. transit-direct) 1998-2003



Freight transport (metric tons) 1998-2003



CONNECTIVITY (summer 2004)

Destinations:	6
-Scheduled flights	0
-Holiday flights	6
Airlines:	5
-Charters	5

AIR TRAFFIC (statistics 2003, x 1.000)

	2003	compared to 2002
Aircraft movements	0,9	-10,6%
-Air transport movements	0,4	10,1%
-General aviation	0,5	-20,8%

Passenger transport (excl. transit-direct)*

	2003	compared to 2002
Origins/departures:		
-Continental (Europe)		
-Intercontinental		
-Others/unkown	33,1	-1,9%

Freight transport (metric tons)

	2003	compared to 2002
Origins/departures:		
-Continental (Europe)		
-Intercontinental		
-Others/unkown		

Mail transport (metric tons)

	2003	compared to 2002
	-	-

(Source: CBS, 2004) *(Source: Enschede Airport Twente Jaarverslag 2002, 2003)

- Scheduled flights
- Charter flights



European destinations
from Enschede Airport
Twente (summer 2004)

1:25.000.000

66 ENS - AIRPORT-SITE

AIRPORT-INFRASTRUCTURE

Size	425 ha		
Runways:	2		-Longest length runway: 2.987m
-Runway 1	Heading 06/24, 2.987m		
-Runway 2	Heading 11/29, 1.999m		
Apron (aircraft stands)	4		
Cargo terminal:	1	-Capacity cargo (tons):	-
Passenger terminal:	1	-Capacity passengers (annual):	-
-AirportCity	No		

ACCESSIBILITY

	-Train link: No	-Bus link: city bus	-Nearest city: Enschede (6km)		
Modal split:	Rail	Bus	Taxi	Private car	Others
	-	-	-	-	-
Parking area (spaces):	500				
-Parking fees (euros):	1 hr	1 day	7 days		
--short /long term	free	free	free		

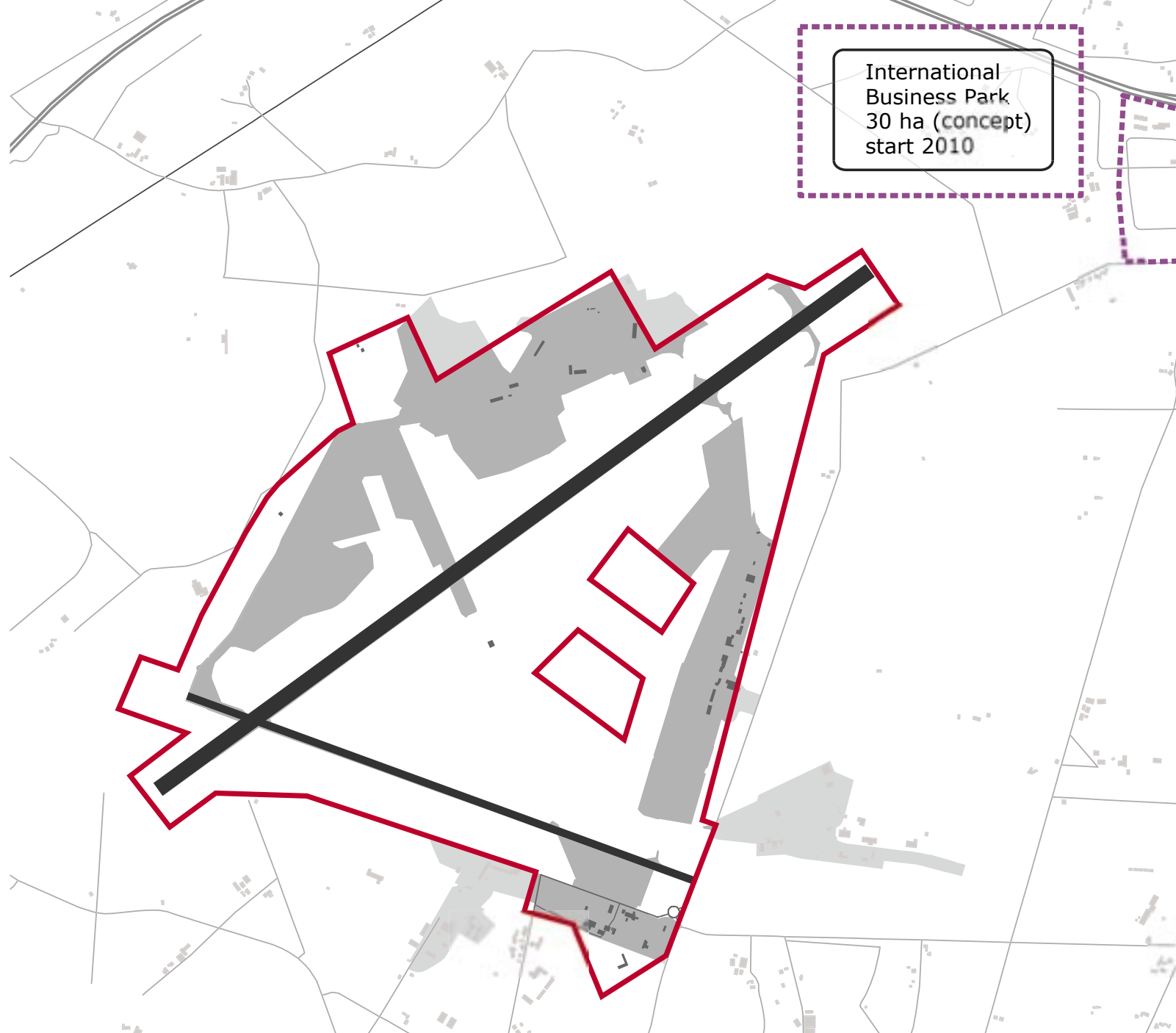
PLANNED AIRPORT DEVELOPMENT

(Source: Twente Airport Enschede, 2003)

-Projects:	-Additional capacity:	-Year operation:	-Status:
Renewed terminal (security/baggage screening)	Terminal	2002	Completed
Extension parking area (spaces)	Terminal	2004	Completed

- Airport area
- New business area
- New residential area
- New recreation area

International
Business Park
30 ha (concept)
start 2010



Enschede Airport
Twente area and
surrounding
1:18.750

ENS - ENVIRONMENT




NOISE	2003	compared to 2002
Noise complaints	374	239
Noise complainers	-	-
-Total complain by 1 person	-	-
Comments:	Most complaints about noise are related to military air traffic (the Open day KLu on 20-21th June 2003 and training flights F-16).	

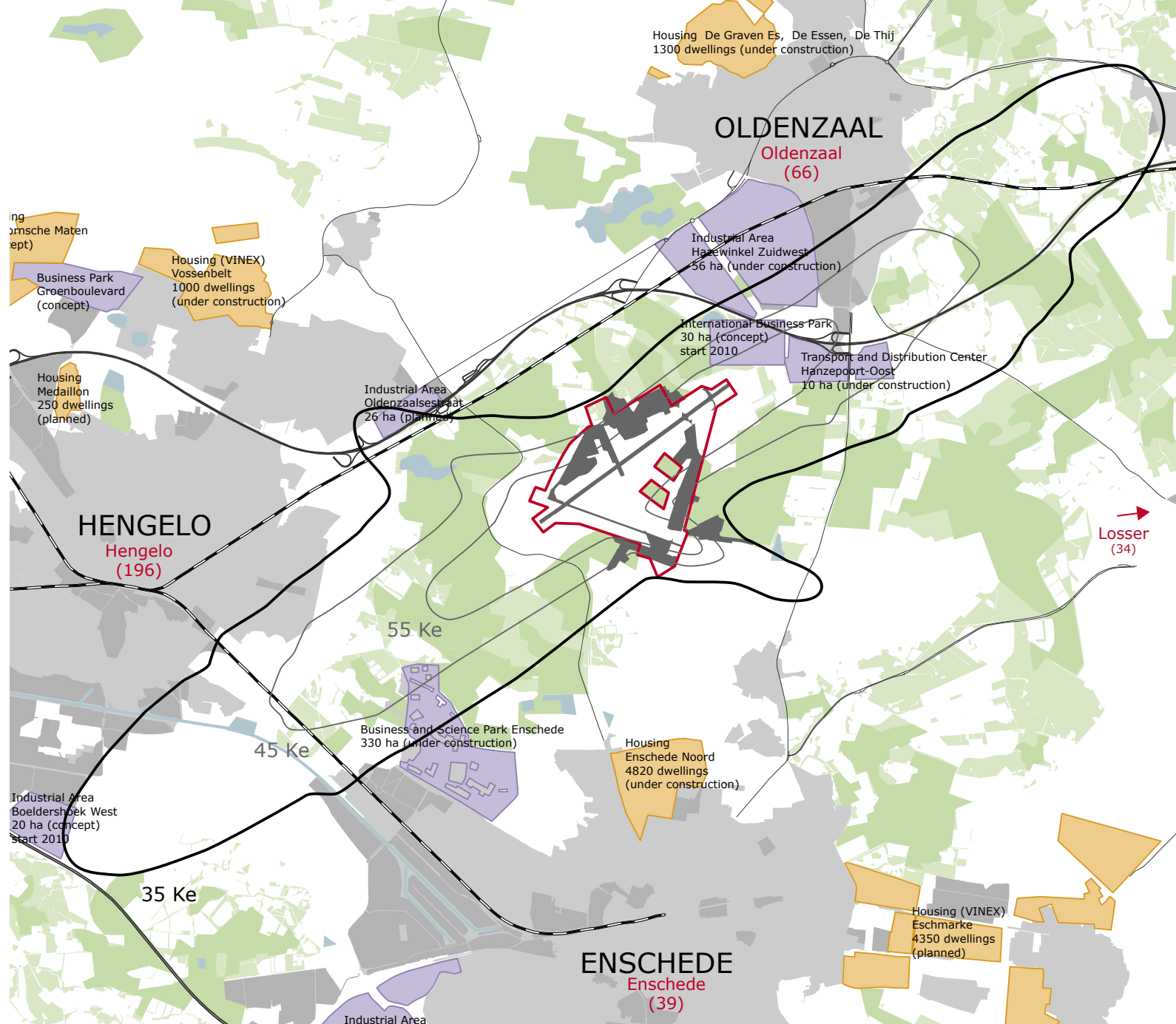
Type of noise:	2003	compared to 2002
Daytime air traffic	300	186
-Open day KLu (military air force)	173	-
Night air traffic	74	52
Groundnoise	0	1

Noise complaints area (selection municipals):	2003	compared to 2002
Hengelo	196	116
Oldenzaal	66	23
Enschede	39	38
Losser	34	42
Others	39	20

(Sources: Staf Voorlichting Vlb Twenthe, 2003, 2004)

DEVELOPMENT REGION	-Sites (selection):	-Plan (organization):	-Period:
Residential area	Vossenbeld, Enschede Noord, Eschmarke	(Gem.Hengelo), Structuurvisie (Gem. Enschede)	2002, < 2005
Business area	Business Science Park, International Business area, Hazewinkel Zuid-west	(Gem.Enschede), Structuurschets (Gem.Oldenzaal)	?, < 2010, < 2010
Infrastructure	Vinex regio Twente, Twentekanaal	(Min.V&W)	<2005,2005-2009
Nature	Enschede Noord, Saasveld, Gammelke, Zuid Twente	EHS (Min.LNV/DLG), Natuurgebiedsplan (Prov.Overijssel)	< 2018

-  Airport area
-  Noise contours
-  Motorway
-  Railway
-  Built area
-  Industrial area
-  New industrial area
-  New residential area
-  New recreation area
-  Ecological area (EHS)
-  Forest
-  Water



Enschede Airport
Twente area and
surrounding

1:75.000

ENSCHEDÉ
Enschede
(39)

HENGÉLO
Hengelo
(196)

OLDENZAAL
Oldenzaal
(66)

Losser
(34)

Industrial Area

Industrial Area
Oldenzaalsestraat
26 ha (planned)

Industrial Area
Haerwinkel Zuidwest
56 ha (under construction)

International Business Park
30 ha (concept)
start 2010

Transport and Distribution Center
Hanzepoort-Oost
10 ha (under construction)

Housing (VINEX)
Vossenbelt
1000 dwellings
(under construction)

Business Park
Groenboulevard
(concept)

Housing
Medaillon
250 dwellings
(planned)

55 Ke

45 Ke

35 Ke

Business and Science Park Enschede
330 ha (under construction)

Housing
Enschede Noord
4820 dwellings
(under construction)

Industrial Area
Boeldershoek West
20 ha (concept)
start 2010

Housing (VINEX)
Eschmarke
4350 dwellings
(planned)



Arial photo (2003)
Groningen Eelde
Airport

1:20.000

**GRONINGEN
AIRPORT
EELDE**

52 GRQ - GRONINGEN AIRPORT EELDE

AIRPORT-ORGANIZATION

Name / Address	Groningen Airport, Eelde Machlaan 14A,NL-9761 TK Eelde, Netherlands		
Website	www.gae.nl		
IATA / ICAO code	GRQ / EHGG		
Position (LAT/LONG)	53°07' 30"N / 006°35' 00"E		
Opening hours	Mon-Fri 05:30-22:00 hrs, Sat Sun Hol 06:30-20:30 hrs		
(Noise) restrictions	-		
Ownership	Groningen Airport Eelde N.V.		
Operator	Groningen Airport Eelde N.V.		
(civil) users	KLM Flight Academy, NAM / General aviation		
License	Article 33 Air traffic law, 15-05-2001		
Shareholders	Provincie Groningen-30%	Gemeente Groningen-26%	
	Provincie Drenthe-30%	Gemeente Assen-10%	
		Gemeente Tynaarlo-4%	

Comments: A new license (noise and nighttraffic) is planned for end 2004, including permission for extension runway to 2500m.

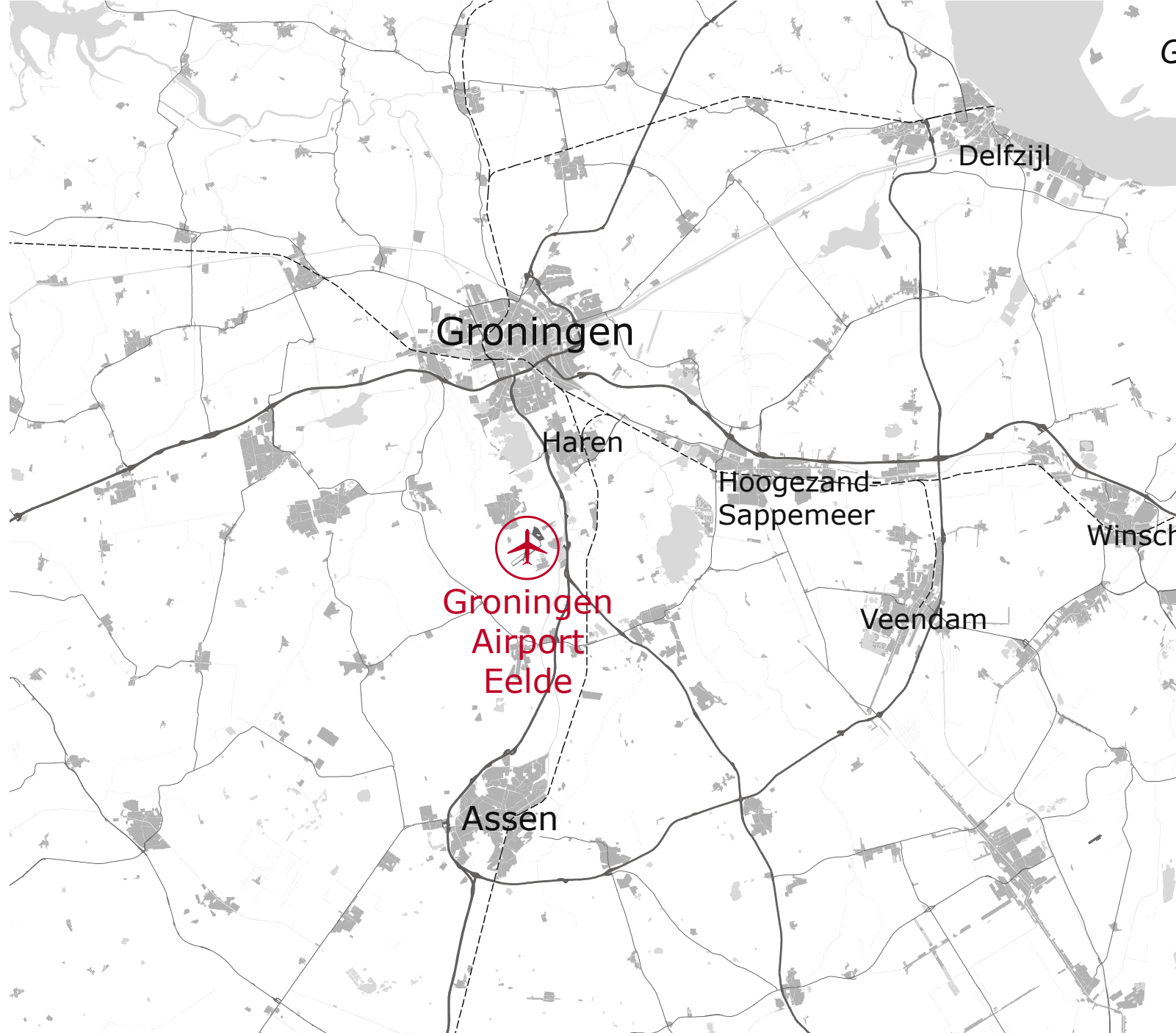
FINANCE (x €1.000,-, 2003)

Company results:	4.053	Company costs:	5.582
-Airport charges	2.048	-Salaries & social costs	2.904
-Rentals & concessions	1.678		
-Others	327	Investments:	180

REGION

Regional profile	Groningen				
Nearest city	Groningen				
	-Population (x 1.000): 179,2				
-Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	2,3	13,2	0,9	2,9	4,9
Business (areas):	Eelde Plaza: 26 companies				
Employment (2003)*:	*(Source, Groningen Airport Eelde, 2004)				
-Employed direct:	44 (Eelde Plaza: 230)		-Employed indirect:		315

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water

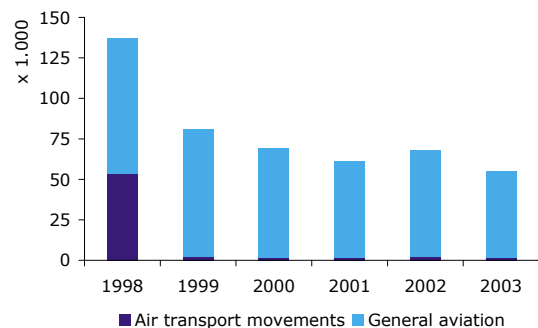


Groningen region

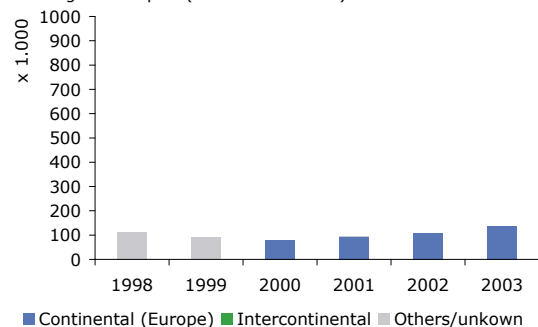
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54 GRQ - AIR TRAFFIC

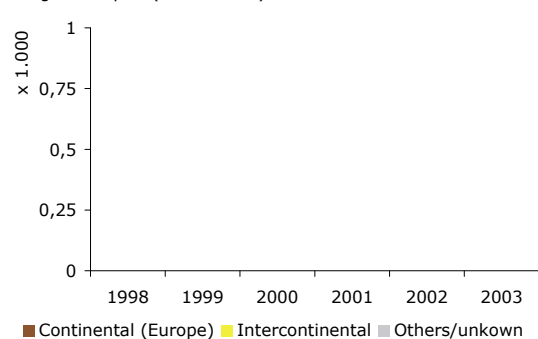
Aircraft movements 1998-2003



Passengers transport (excl. transit-direct) 1998-2003



Freight transport (metric tons) 1998-2003



CONNECTIVITY (summer 2004)

Destinations:	9
-Scheduled flights	1
-Holiday flights	8
Airlines:	1
-Charters	6

AIR TRAFFIC (statistics 2003, x 1.000)

Aircraft movements	2003	compared to 2002
-Air transport movements	54,9	-19,0%
-General aviation	1,7	-23,3%
	53,2	-18,9%

Passenger transport (excl. transit-direct)*

Passenger transport (excl. transit-direct)*	2003	compared to 2002
Origins/departures:	137,6	28,0%
-Continental (Europe)	137,6	28,0%
-Intercontinental	0	-
-Others/unkown	0	-

*Comments:

In 2003 Ryanair started flights to London Stansted and stopped in May 2004.

Freight transport (metric tons)	2003	compared to 2002
	0	-

Origins/departures:
-Continental (Europe)
-Intercontinental
-Others/unkown

Mail transport (metric tons)	2003	compared to 2002
	0	-

(Source: CBS, 2004)

- Scheduled flights
- Charter flights



European destinations from Groningen Airport Eelde (summer 2004)

1:25.000.000

GRQ - AIRPORT-SITE

AIRPORT-INFRASTRUCTURE

Size	180 ha	
Runways:	2	-Longest length runway: 1.800m
-Runway 1	Heading 05/23, 1.800m, Aircraft size max: B767	
-Runway 2	Heading 01/19, 1.500m	
Apron (aircraft stands)	-	
Cargo terminal:	-	-Capacity cargo (tons): -
Passenger terminal:	1	-Capacity passengers (annual): -
-AirportCity	No	





ACCESSIBILITY

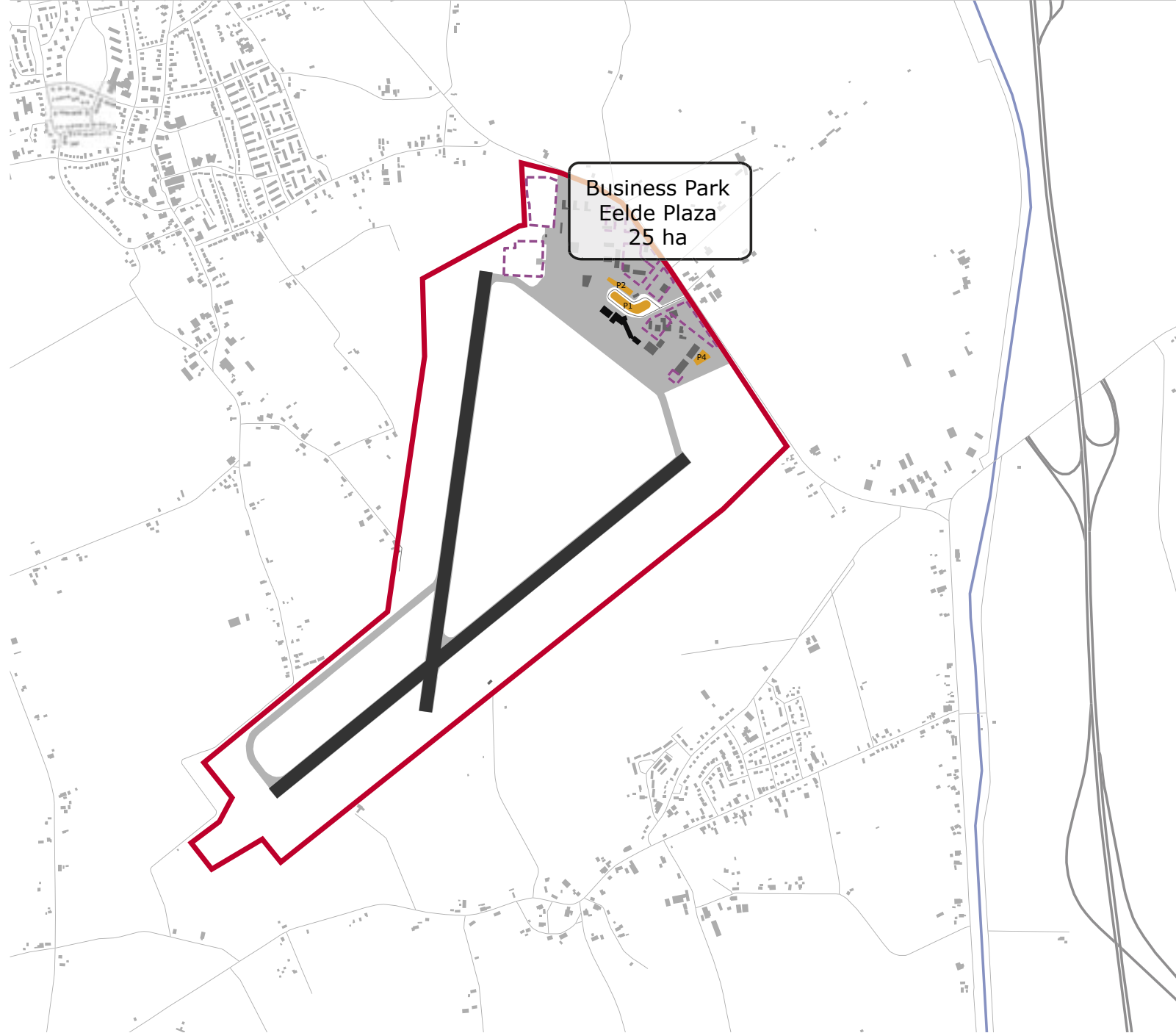
	-Train link: No		-Bus: Airportliner		Groningen (16km)
Modal split:	Rail	Bus	Taxi	Private car	Others
	-	-	-	-	-
Parking area (spaces):	750				
-Parking fees (euros, 2004):	1 hr	1 day	7 days		
--short term	€ 1,80				
--long term		€ 15,00	€ 34,00		

PLANNED AIRPORT DEVELOPMENT

(Source: Groningen Airport Eelde, 2004)

-Projects:	-Additional capacity:	-Year operation:	-Status:
New fire equipment	Others	2005	Actual
Extension runway to 2500m	Runway	2006	Planned

-  Airport area
-  New business area
-  New residential area
-  New recreation area















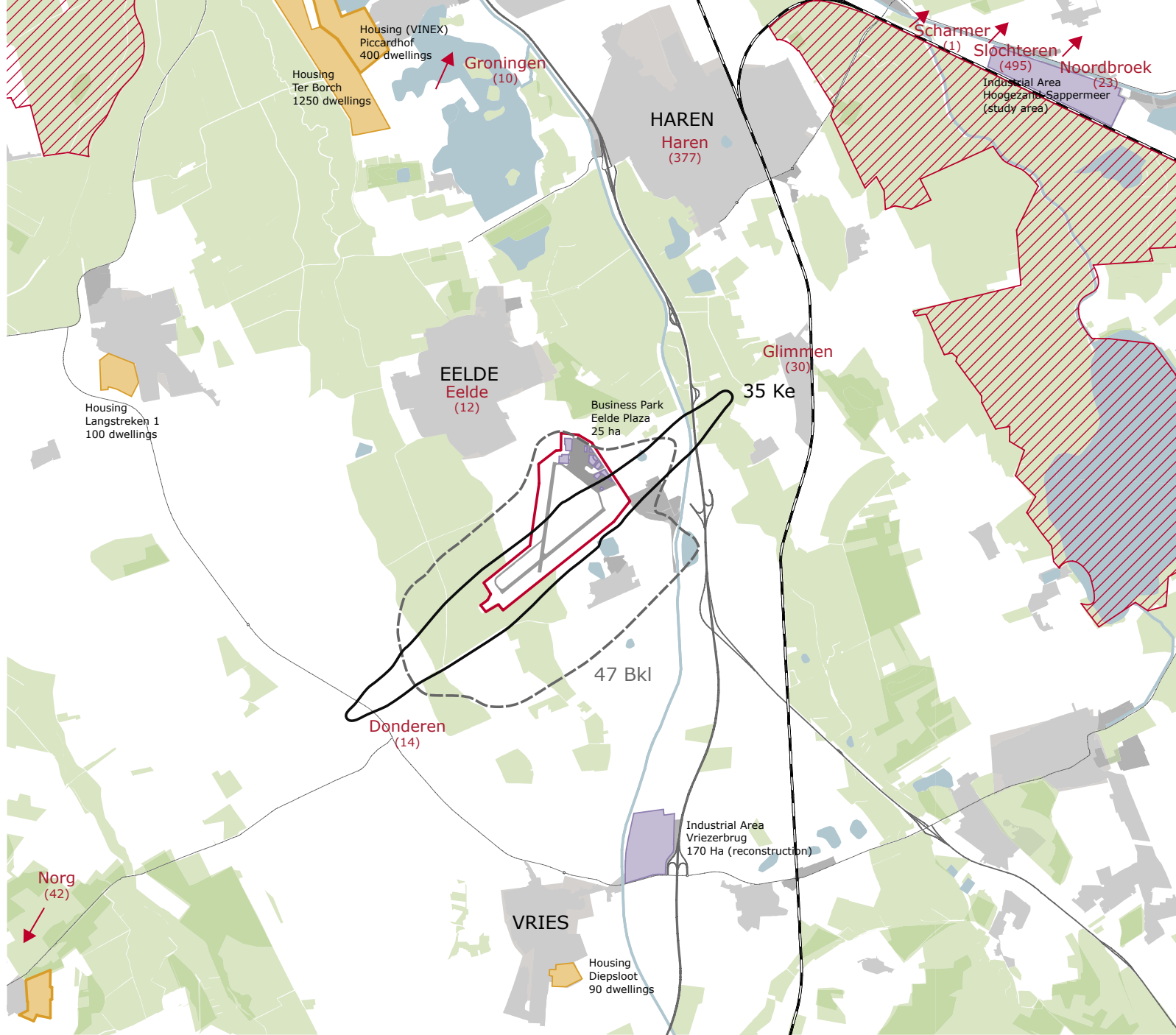
Groningen Airport
Eelde area and
surrounding

1:18.750

GRQ - ENVIRONMENT

NOISE	2003	compared to 2002	
Noise complaints	1.059	-40,8%	1789
Noise complainers	81	-49,0%	159
-Total complaints by 2 persons	859 (81%)		
Type of noise:	2003		
Civil (holiday) air traffic	11		
Military air traffic	6		
Non-commercial (instruction) traffic	467		
Non-commercial (ambulance) traffic	15		
Not from airport GAE	29		
Other traffic	63		
Unknown/to little information	355		
None	113		
Noise complaints area (selection):	2003	compared to 2002	
Slochteren	495	426	(422)*
Haren	377	511	(495)*
Norg	42	23	* (complaints by 2 x 1 person)
Glimmen	30	464	
Noordbroek	23	18	
Donderen	14	35	
Eelde	12	102	
Groningen	10	17	(Source: CM Eelde, 2004)
DEVELOPMENT REGION	-Sites (selection):	-Plan (organization):	-Period:
Residential area	Ter Borch, Langestreeken, Rhoden, Norg	Development plan Art.11 (Gem.Tynaarlo), (Gem.Noordenveld)	2002/2003, > 2015
Business area	area business Airport & Vriezenbrug, industry Hoogezand/Sappermeer, Meerstad Groningen, Europapark & Eemspoort & Westpoort	(Gem.Tynaarlo), Toekomstvisie 2010 (Gem.Hoogezand-Sappermeer), Plan (Gem. Groningen/Slochteren), Development plan (Gem. Groningen)	?/2002, 2002-2010, 2006-2020, 2005-2008/15
Infrastructure	(Magneetweefbaan -in study)	(Min.V&W)	
Nature	Peize, Drenthse Aa, Haren	EHS/Vogelrichtlijn (Min.LNV/DLG)	2000-2020

-  Airport area
-  Noise contours
-  Motorway
-  Railway
-  Built area
-  Industrial area
-  New industrial area
-  New residential area
-  New recreation area
-  Ecological area (EHS)
-  Forest
-  Water
-  Bird sanctuary



Groningen Airport
and surrounding
developments

1:75.000



Arial photo (2003)
Lelystad Airport

1:20.000

LELYSTAD AIRPORT

72 LEY - LELYSTAD AIRPORT

AIRPORT-ORGANIZATION

Name / Address	Lelystad Airport, Arendweg 7, NL-8218 PD Lelystad, Netherlands
Website	www.lelystad-airport.nl
IATA / ICAO code	LEY / EHLE
Position (LAT/LONG)	52°27' 37"N / 005°31' 38"E
Opening hours	Mon/Fri 08:00-22:00 hrs, Sat/Sun 09:00-20:00 hrs
(Noise) restrictions	-
Ownership	Schiphol Group N.V.
Operator	NV Luchthaven Lelystad
(civil) users	General aviation
License	Article 33 Air traffic law, 28-11-2001
Shareholders	Schiphol Group N.V. - 100%
Comments	New PKB-decision airfield Lelystad 18-05-2005 for developing airport into regional airport

FINANCE (x €1.000,-, 2003)* *Comments: Finance of Lelystad Airport is a part of Schiphol Groupe

Company results:	-	Company costs:	-
-Airport charges		-Salaries & social costs	
-Rentals & concessions		Investments:	-

REGION

Regional profile	Flevoland				
Nearest city:	Lelystad		-Population (x 1.000): 70		
-Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	7,2	25,1	0,6	8,6	8,8
Business (airport linked):	Business specialized in general aviation: 40 companies				
Employment (2004)*:	*(Source: Lelystad Airport, 2004)				
-Employed direct:	20		-Employed indirect: 300		

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water

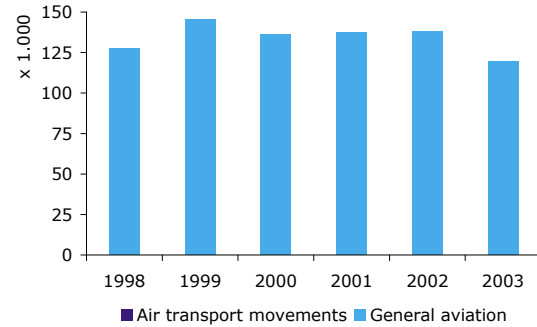


Lelystad region

1:300.000

74 LEY - AIR TRAFFIC

Aircraft movements 1998-2003



CONNECTIVITY (summer 2004):

Destinations: -
 -Scheduled flights
 -Holiday flights
 Airlines: -
 -Charters
 Comments: National airport for general aviation; developing into regional airport.

AIR TRAFFIC (statistics 2003, x 1.000)	2003	compared to 2002
Aircraft movements	119,8	-13,3%
-Air transport movements		-50,0%
-General aviation	119,8	-13,3%
Passenger transport (excl. transit-direct)	-	-
Origins/departures:		
-Continental (Europe)		
-Intercontinental		
-Others/unkown		
Freight transport (metric tons)	-	-
Origins/departures:		
-Continental (Europe)		
-Intercontinental		
-Others/unkown		
Mail transport (metric tons)	-	-

(Source: CBS, 2004)

- Scheduled flights
- Charter flights



European destinations
from Lelystad Airport
(summer 2004)

1:25.000.000

LEY - AIRPORT-SITE

AIRPORT-INFRASTRUCTURE

Size	255 ha	
Runways:	1	-Longest length runway: 1.300m*
-Runway 1	Heading 05/23, 1.300m, Aircraft size max: ICAO CAT 3C; max. Wingspan: 36 m, max. Wheeltrack: 9 m *(Comment: extension to 2.100m is possible)	
Apron (aircraft stands)	3	
Cargo terminal:	-	-Capacity cargo (tons): -
Passenger terminal:	1	-Capacity passengers (annual): -
-AirportCity	No	

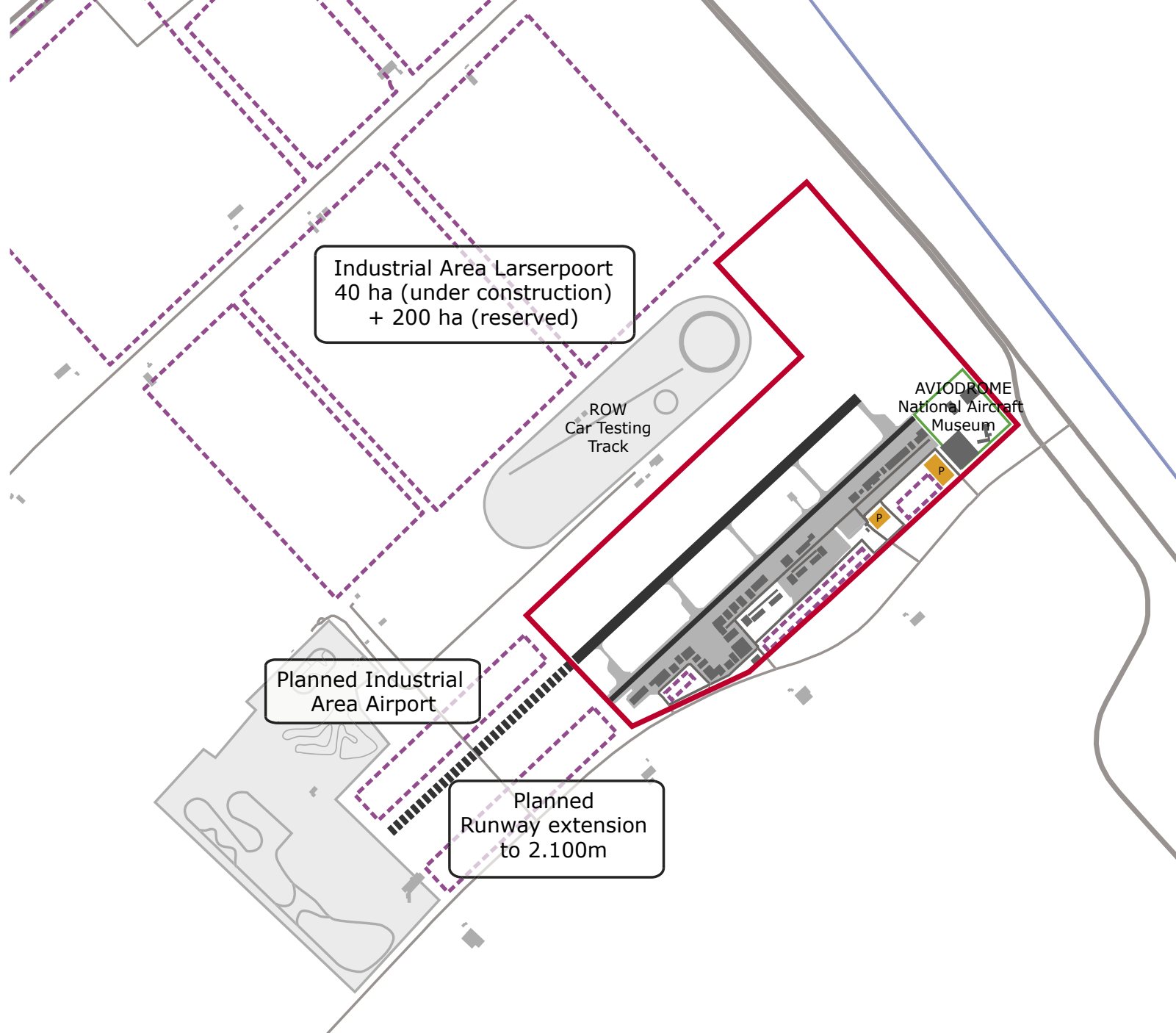
ACCESSIBILITY

	-Train link: no		-Bus link: city bus		-Nearest city: Lelystad (9km)
Modal split:	Rail	Bus	Taxi	Private car	Others
	-	-	-	-	-
Parking area (spaces):	700				
-Parking fees (euros, 2004):	1 hr	1 day	7 days		
--short / long term	€ 1,00	€ 4,00	€ 28,00		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
National aviation recreation park Aviodrome	Others	2003	Completed
Extension runway	Runway	?	Planned
Business park on airport	Others	2005-2020	Planned

- Airport area
- New business area
- New residential area
- New recreation area



Lelystad Airport area and surrounding




1:18.750

LEY - ENVIRONMENT

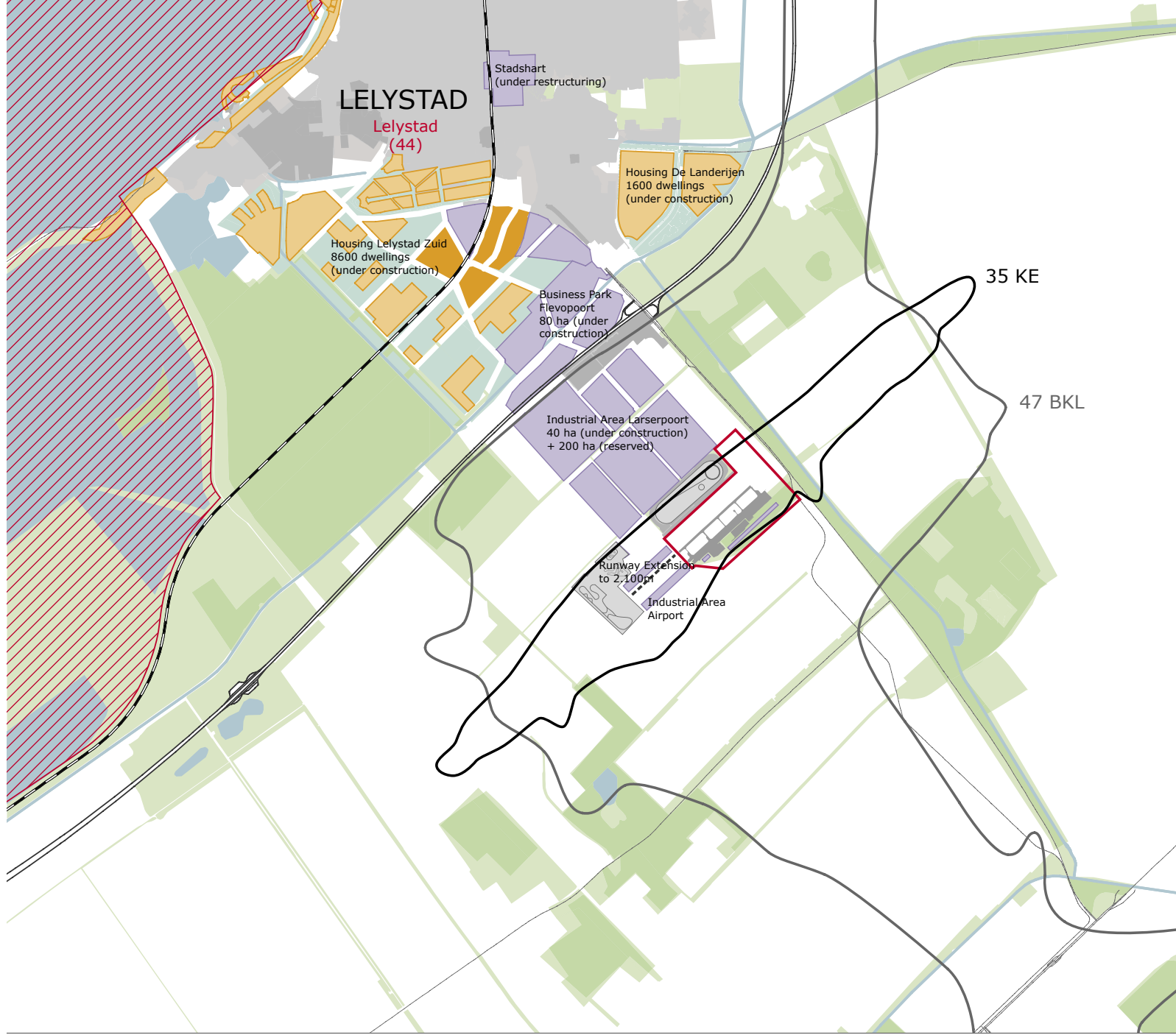
NOISE	2003	compared to 2002
Noise complaints*	53	21
Noise complainers	21	
-Total complaint by 1 person	17	*47% of complaints on Sunday/Monday
Type of noise:	2003	compared to 2002
Small civil air traffic	33	14
Military air traffic	0	1
Helicopters	4	0
Commercial (advertising) air traffic	2	0
Commercial (aerobatics) air traffic	5	3
Non-commercial (spray plane) air traffic	1	1
Not from airport (civil traffic from Schiphol)	6	2
Unknown/too little information	2	0
Noise complaints area:	2003	compared to 2002
Lelystad	44	13
Harderwijk	3	
Swifterban	2	2
Almere-Buiten	2	
Lemmer	1	
Volendam	1	

(Source: Cie28 Lelystad Airport, 2004)

DEVELOPMENT REGION	-Sites:	-Plan (organization):	-Period:
Residential area	Landerijen, Lelystad-Zuid	(Gem.Lelystad)	>2002
Business area	Business area airport, Flevopoort, Larserpoort	Ontwerp Structuurplan Lelystad 2015 (Gem.Lelystad),	>2010 >2015
Infrastructure	Business Airport Lelystad	Omgevingsplan (Prov.Flevoland)	2000-2015
Recreation	Concentration noisy recreation facility on airport	Omgevingsplan (Prov.Flevoland)	2000-2016

-  Airport area
-  Noise contours*
-  Motorway
-  Railway
-  Built area
-  Industrial area
-  New industrial area
-  New residential area
-  New recreation area
-  Ecological area (EHS)
-  Forest
-  Water
-  Bird sanctuary

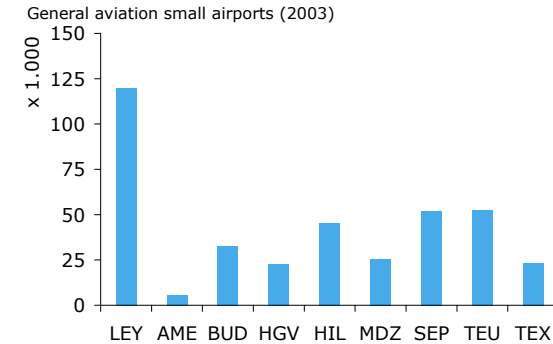
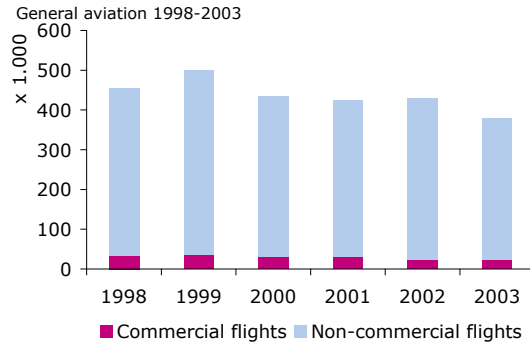
*future contours (Source: Ministerie van Verkeer en Waterstaat, 2004)



Lelystad Airport and surrounding developments

1:75.000

OTHER AIRPORTS IN THE NETHERLANDS



AIR TRAFFIC (statistics 2003)	Lelystad	Ameland	Budel	Hoogeveen	Hilversum	Midden-Zeeland	Seppe	Teuge	Texel
General aviation	119.752	5.504	32.689	22.803	45.548	25.545	52.233	52.578	23.113
Commercial flights	3.511	793	327	1.267	1.324	1.468	1.948	8.478	4.964
scheduled flights	2				6		8		
non-scheduled flights	1	18							142
taxi flights		44				104		38	
photo flights	270		36	119	673	237	82	553	41
circuit flights	1.089	702	269	458	250	1.034	1.174	6.416	4.648
advertising flights	184	4	14	686	365	93	684	768	130
Non-commercial flights	116.243	4.711	32.362	21.536	44.230	24.077	50.293	44.100	18.149
business flights	1.067		2.037	16	1.135	578	610	126	327
private flights	33.394	3.183	6.537	6.478	16.744	12.938	13.821	11.620	8.347
parachute flights	3.133	1.447		1.557	2.091	1.963	1.590	4.110	3.778
gliders				4.367	1.458	447		789	
police control flights	122		104	50		192	50	152	85
inspection flights	152		121	196	142		680	1.224	186
instruction flights	77.926	81	23.458	8.870	22.564	7.495	33.457	25.394	5.346

(Source: CBS, 2004)

- Small airports
- Military air bases



Airports (paved runways)
in the Netherlands



Arial photo (2003)
Maastricht-Aachen
Airport

1:20.000

MAASTRICHT-AACHEN AIRPORT

42 MST - MAASTRICHT-AACHEN AIRPORT

AIRPORT-ORGANIZATION

Name / Address	Maastricht Aachen Airport, Vliegveldweg 90, NL-6199 AD Maastricht, Netherlands		
Website	www.maa.nl		
IATA / ICAO code	MST / EHBK		
Position (LAT/LONG)	50°54'57"N / 005°46'37"E		
Opening hours	06:00-23:00 hrs		
(Noise) restrictions	Night curfew 23:00-06:00 hrs		
Ownership	NV Luchthaven Maastricht		
Operator	NV Luchthaven Maastricht		
(civil) users	Nederlandse Luchtvaartschool (NLS), European air traffic control center Eurocontrol + General aviation		
License	Article 33 Air traffic law, 28-04-2000*		
Shareholders**	- NV Industriebank LIOF	- Provincie Limburg	
	- KVK Limburg-Zuid	- Gemeente Maastricht	
	- Kvk Aachen (D)	- Gemeente Tongeren(B)	

Comments:

*New definite license airfield is planned at the end of 2004.

**In 2004 is Holding Businesspark Luchthaven Maastricht (Maastricht Aachen Airport BV and Businesspark MAA BV) sold to a private partner.

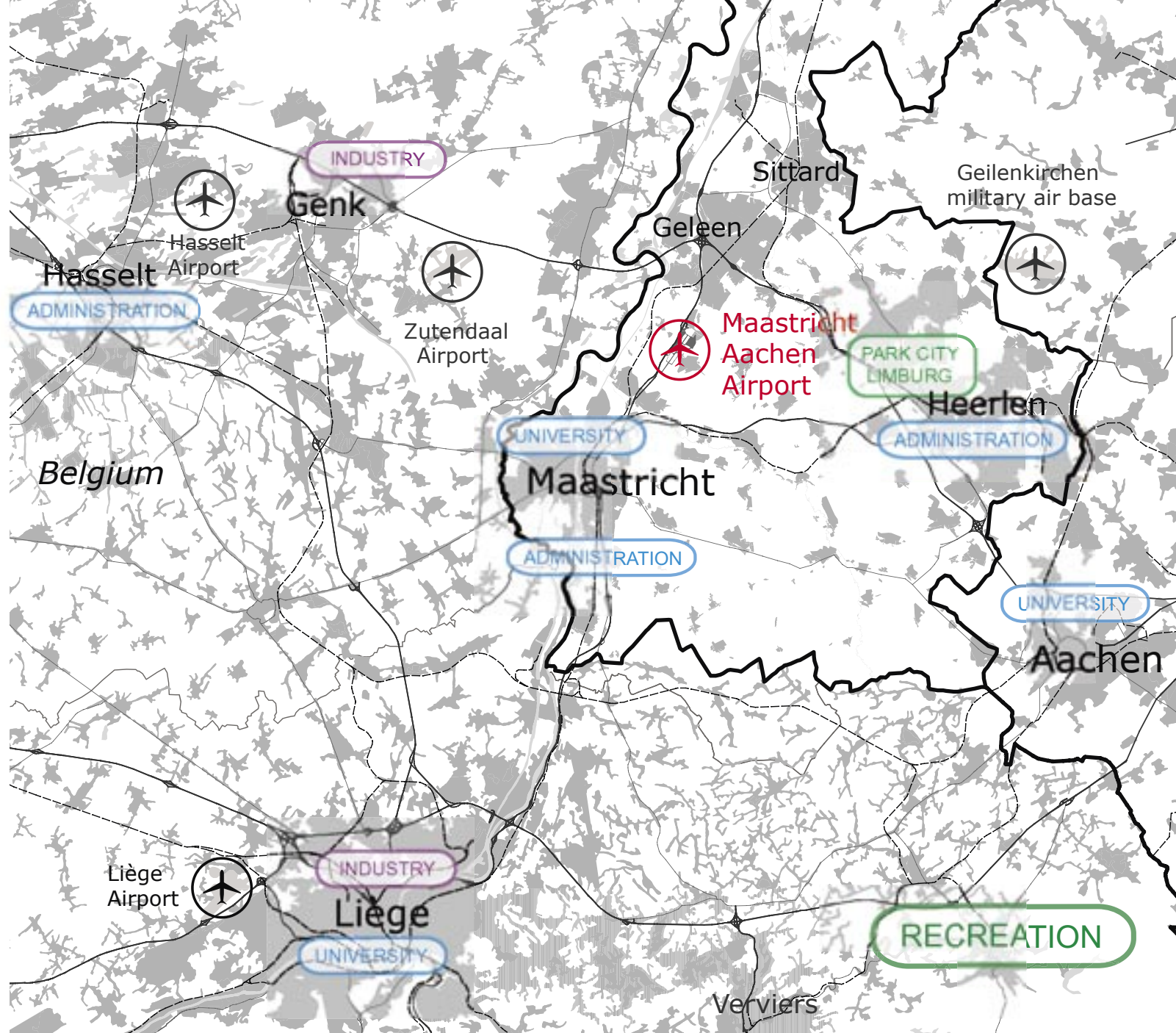
FINANCE (x €1.000,-, 2003):

Company results:	10.677	Company costs:	12.717
-Airport charges	4.028	-Salaries & social costs	8.704
-Rentals & concessions	1.142		
-Others (e.g. car parking)	553	Investments:	6.046

REGION

Regional profile	EURegion				
Nearest city:	Maastricht		-Population (x 1.000): 122,2		
-Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	7,3	36,0	3,1	23,5	10,9
Business (airport linked):	TechnoPortEurope, Bamford				
Employment (2003)*:	*(Source: Maastricht Aachen Airport, 2004)				
-Employed direct	171 (MHS BV: 103)		-Employed indirect: 1.776		

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water

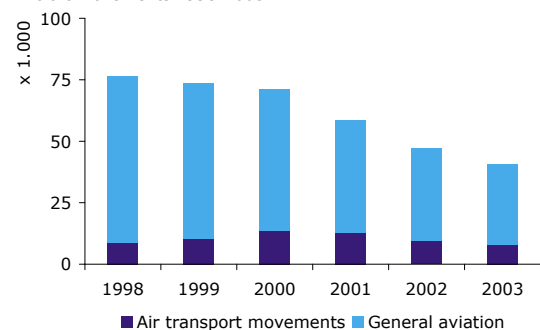


Maastricht region

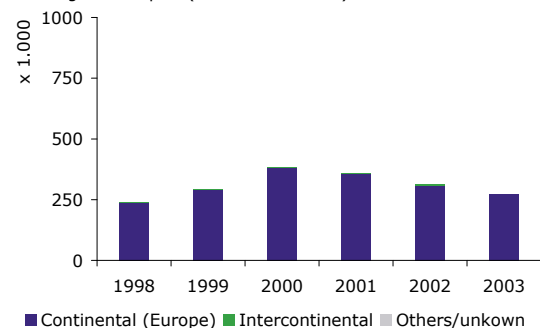
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44 MST - AIR TRAFFIC

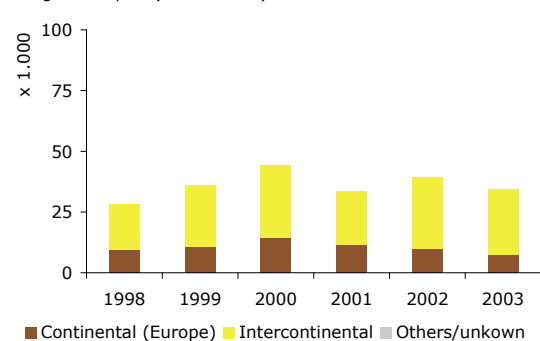
Aircraft movements 1998-2003



Passengers transport (excl. transit-direct) 1998-2003



Freight transport (metric tons) 1998-2003



CONNECTIVITY (summer 2004)

Destinations:	11
-Scheduled flights	3
-Holiday flights	8
Airlines:	14
-Charters	

AIR TRAFFIC (statistics 2003, x 1.000)

	2003	compared to 2002
Aircraft movements	40,7	-13,6%
-Air transport movements	7,8	-16,0%
-General aviation	32,9	-13,0%

	2003	compared to 2002
Passenger transport (excl. transit-direct)	273,3	-12,5%

Origins/departures:		
-Continental (Europe)	272,9	-10,6%
-Intercontinental	0,4	-93,1%
-Others/unkown		-

	2003	compared to 2002
Freight transport (metric tons)	34,3	-13,2%

Origins/departures:		
-Continental (Europe)	7,1	-28,0%
-Intercontinental	27,2	-8,3%
-Others/unkown	1	-

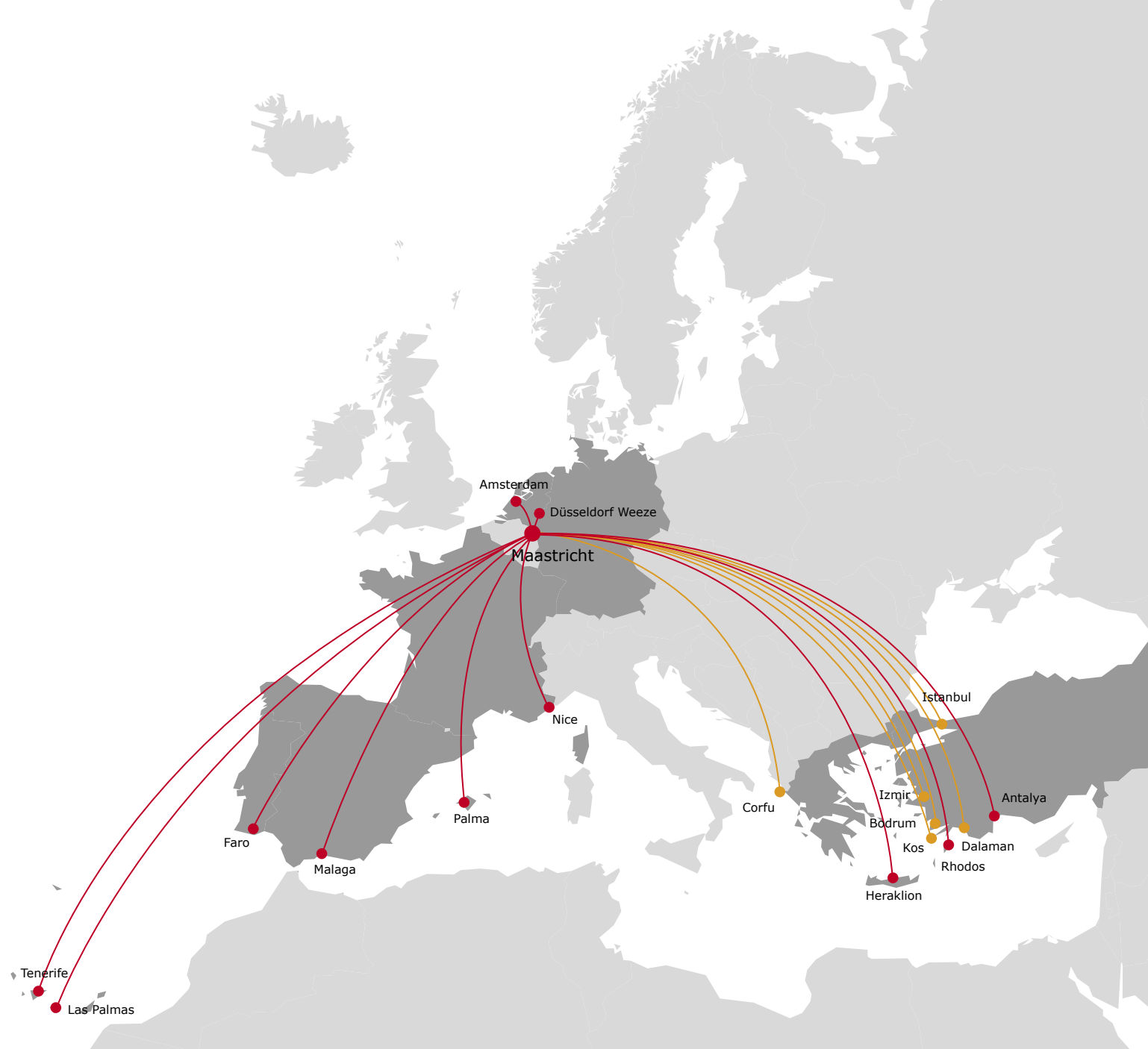
	2003	compared to 2002
Mail transport (metric tons)	0	-

(Source: CBS, 2004)

- Scheduled flights
- Charter flights

European destinations
from Maastricht-Aachen
Airport (summer 2004)

1:25.000.000



MST - AIRPORT-SITE

AIRPORT-INFRASTRUCTURE

Size	176 ha		
Runways:	2	-Longest length runway:	2.500m
-Runway 1	Heading 04/22, 2.500m, Aircraft size max: B747, AN-124		
-Runway 2	Heading 07/25, 1.080m		
Apron (aircraft stands)	5		
Cargo terminal:	2	-Capacity cargo (tons):	100.000
Passenger terminal:	1	-Capacity passengers (annual):	500.000
-AirportCity	No		

ACCESSIBILITY

	-Train link: No	-Bus link: Bus 61	-Nearest city: Maastricht(10km)		
Modal split:	Rail	Bus	Taxi	Private car	Others
	-	-	-	-	-
Parking area (spaces):	2.600				
-Parking fees (euros, 2004):	1 hr	1 day	7 days		
--short term	€ 2,00	€ 10,00			
--long term		€ 14,00	€ 32,00		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Instrument Landing System	Runway	2003	Completed
Stopway and lighting	Runway	2003	Completed
Passenger terminal	Terminal	2006	Planned

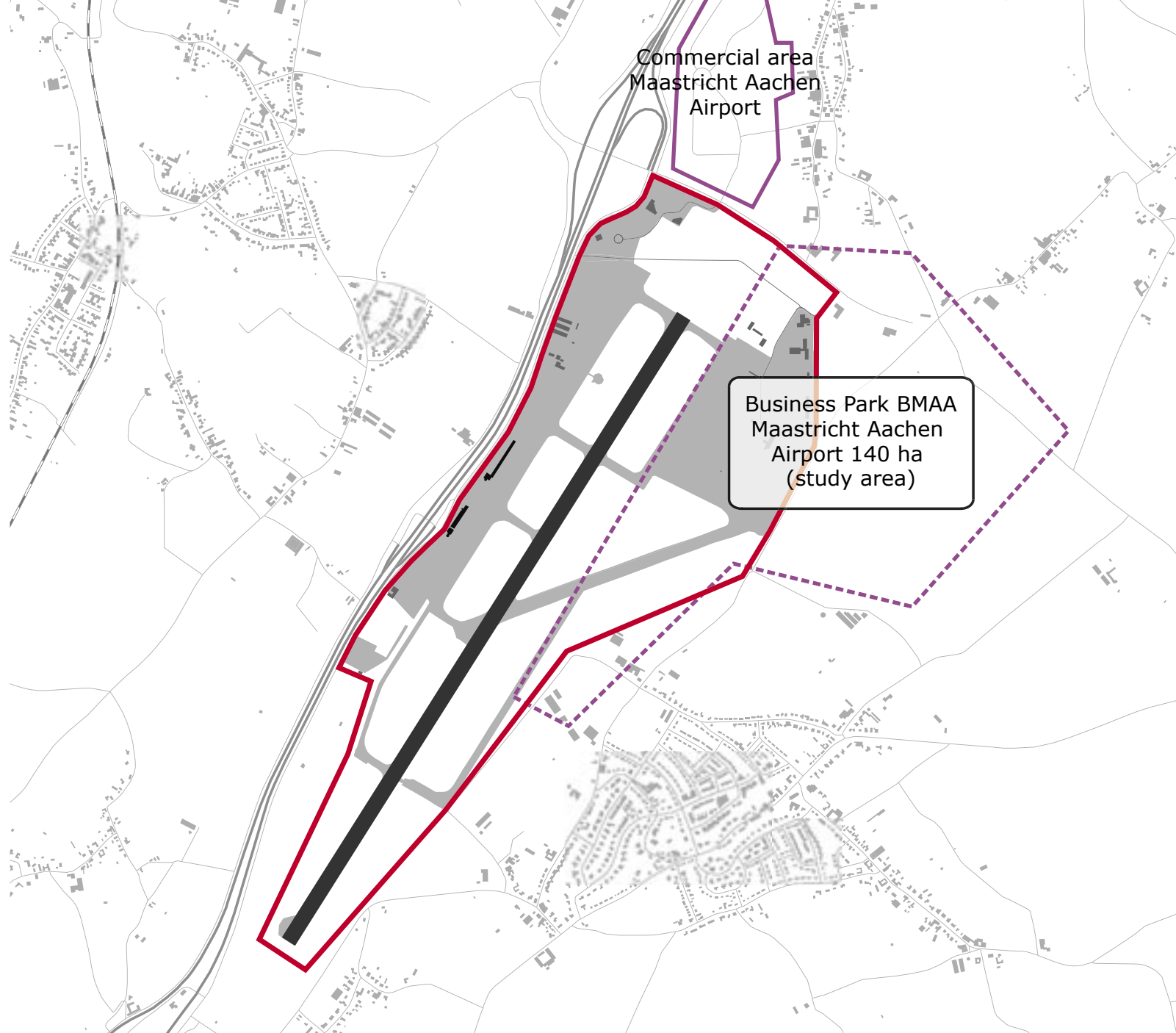
- Airport area
- New business area
- New residential area
- New recreation area

Commercial area
Maastricht Aachen
Airport

Business Park BMAA
Maastricht Aachen
Airport 140 ha
(study area)

Maastricht-Aachen
Airport area and
surrounding

1:18.750



MST - ENVIRONMENT

NOISE	2003	compared to 2002	
Noise complaints MAA	2578	-64,2%	7.209
Noise complainers MAA	198	-23,0%	257
Type of noise MAA:	2003	compared to 2002	
Civil air traffic (06:00-07:00 hr)	76		
Night air traffic (23:00-06:00 hr)	100		
Non-commercial (instruction) traffic	729		
Other traffic	1.673		
Noise complaints not from airport MAA:			
-AWACS-base Geilenkirchen (D) above Dutch area	18.428	9,0%	16.950
-Other air traffic (not from MAA and base)	1.221	-46,0%	2.263
Noise complaints area MAA (selection municipals):	2003	compared to 2002	
Meerssen (cities: Bunde & Meerssen)	1826		
Sittard-Geleen	156		
Beek	129		
Gulpen-Wittem	113		
Margraten	89		
Maastricht	80		
Noise complaints area AWACS-base (municipals):	2003		
Brunssum	10.214	Schinnen	2.488
Onderbanken	3.334	Kerkrade	1.020
Noise isolation policy:	MAA has finished in 2003 the noise isolation programma for house in noise zone of the airport (total: 708 houses).		
-Meerssen	708	-Beek/Geverik	129

DEVELOPMENT REGION	-Sites (selection):	-Plan (organization):	-Period:
Residential area	Meerssen-centrum, Elserveld-Meeldent	Art.19-WRO (Gem.Meerssen), Development plan (Gem.Stein)	2003, 2004
Business area	Businesspark MAA (90ha), Maasdal industry	Masterplan Businesspark MAA (LIOF Bedrijventerreinen BV), Intergem.Structuurplan Maasdal (Gem.Maastricht)	>2004, 2005-2015
Infrastructure	Maasroute (river), light rail Zuid-Limburg	Tracé decision Zandmaas/Maasroute, Waterbeheer 21e eeuw (Min.V&W), Infrastructure policy (Prov. Limburg)	2005-2010,
Nature	Maasdal	Inter Gem. Structuurplan Maasdal (Gem.Maastricht)	2005-2015

-  Airport area
-  Noise contours
-  Motorway
-  Railway
-  Built area
-  Industrial area
-  New industrial area
-  New residential area
-  New recreation area
-  Ecological area (EHS)
-  Forest
-  Water

Maastricht-Aachen
Airport and surrounding
developments

1:75.000





Arial photo (2003)
Rotterdam Airport

1:20.000

ROTTERDAM AIRPORT

22 RTM - ROTTERDAM AIRPORT

AIRPORT-ORGANIZATION

Name / Address	Rotterdam Airport, Rotterdam Airportplein 60, NL-3045 AP Rotterdam, Netherlands
Website	www.rotterdam-airport.nl
IATA / ICAO code	RTM / EHRD
Position (LAT/LONG)	51°57'25"N / 004°26'14"E
Opening hours	07:00-23:00 hrs (restricted night traffic)
(Noise) restrictions	'noisy' Chapter 3 aircrafts only 08:00-18:00 hrs
Ownership	Schiphol Group N.V.
Operator	Rotterdam Airport B.V.
(civil) users	General Aviation
License	Article 18 Air traffic law, 31-10-2001
Shareholders	Schiphol Group N.V. - 100%






FINANCE (x €1.000, 2003)*

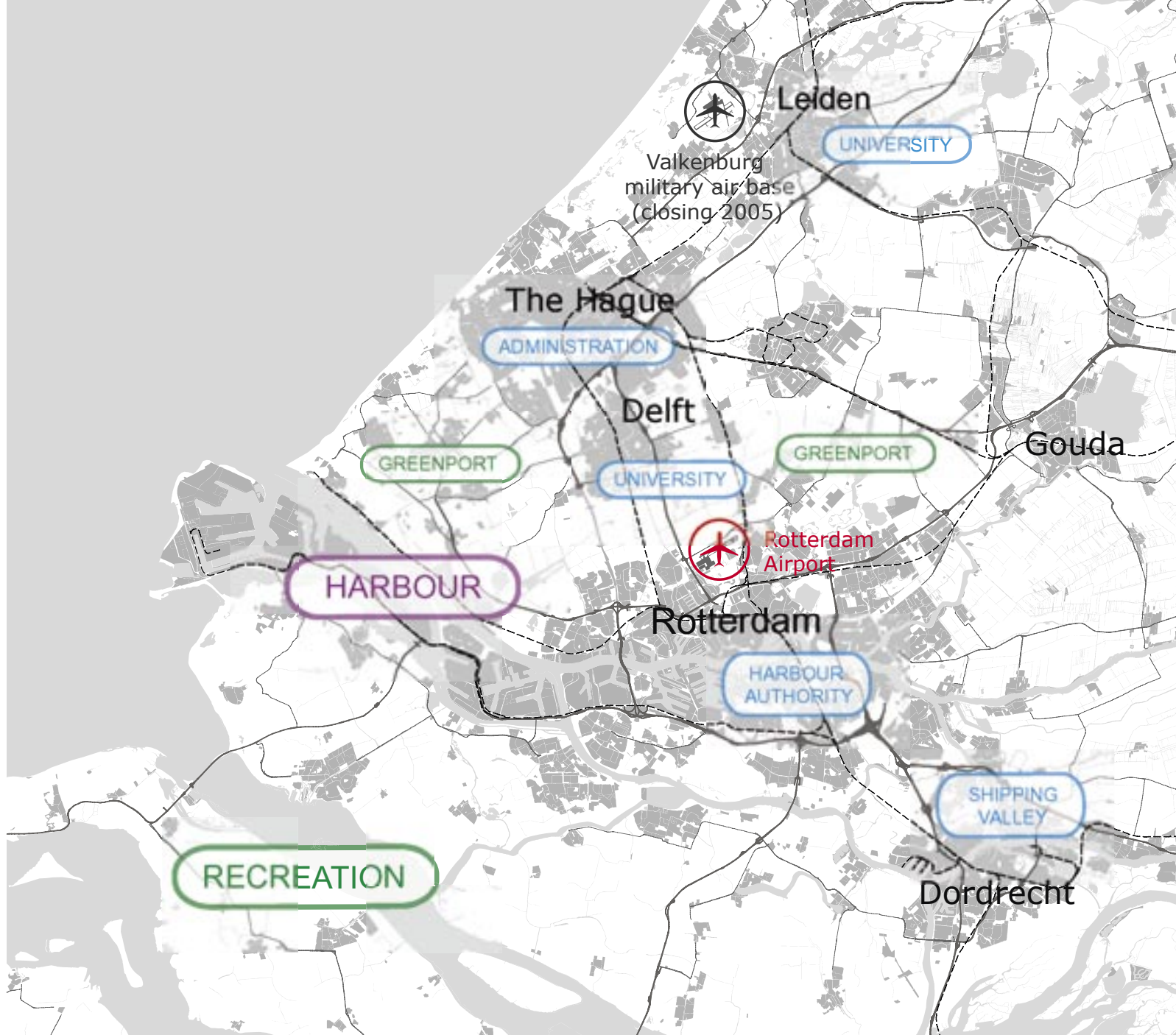
*Airport forms a part of Schiphol Group (see finance AMS)

Company results:	-	Company costs:	-
-Airport charges		-Salaries & social costs	
-Rentals & concessions			
-Car Parking charges		Investments:	-

REGION

Regional profile	Randstad - Zuidvleugel				
Nearest city:	Rotterdam	-Population (x 1.000): 598,9			
-Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	9,4	26,6	6,3	16,8	10,0
Business (airport linked):	Business area Rotterdam Airport: 100 companies				
Employment:					
-Employed direct	-				-Employed indirect: -

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water

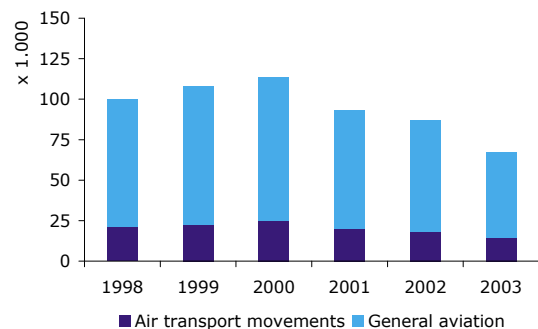


Rotterdam region

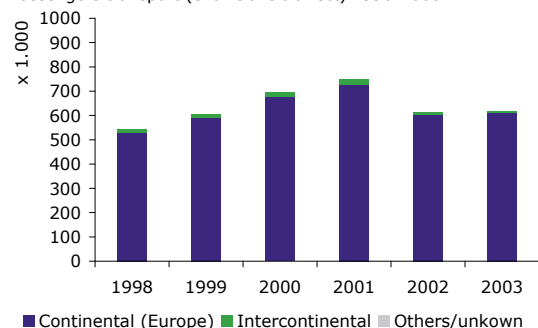
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24 RTM - AIR TRAFFIC

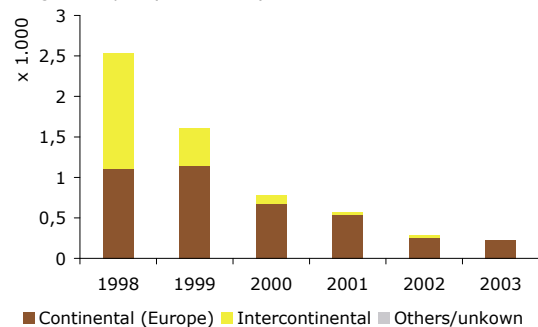
Aircraft movements 1998-2003



Passengers transport (excl. transit-direct) 1998-2003



Freight transport (metrics tons) 1998-2003



CONNECTIVITY (summer 2004)

Destinations:	28
-Scheduled flights	14
-Holiday flights	14
Airlines:	9
-Charters	4

AIR TRAFFIC (statistics 2003, x 1.000)

	2003	compared to 2002
Aircraft movements	66.943	-23,0%
-Air transport movements	14.458	-19,6%
-General aviation	52.485	-23,9%

Passenger transport (excl. transit-direct)

	2003	compared to 2002
Origins/departures:	616,8	0,8%
-Continental (Europe)	609,5	1,4%
-Intercontinental	7,4	-32,1%
-Others/unkown		

Freight transport (metric tons)

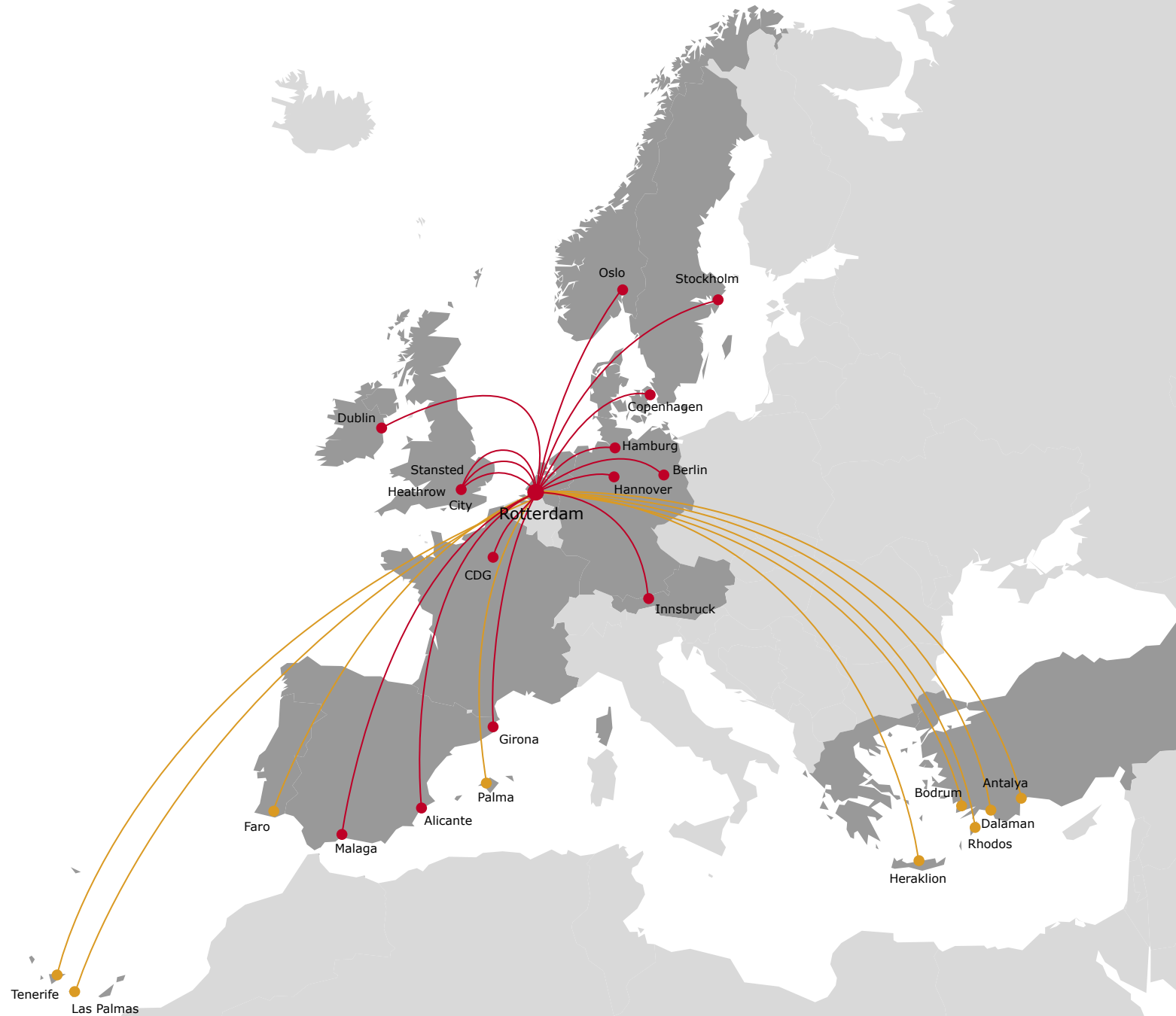
	2003	compared to 2002
Origins/departures:	0,2	-19,6%
-Continental (Europe)	0,2	-8,0%
-Intercontinental	0	-
-Others/unkown		

Mail transport (kg)*

	2003	compared to 2002
Mail transport (kg)*	550	-

(Source: CBS, 2004) *(Source: website Rotterdam Airport, 2004)

- Scheduled flights
- Charter flights



European destinations from Rotterdam Airport (summer 2004)

1:25.000.000

RTM - AIRPORT-SITE

AIRPORT-INFRASTRUCTURE

Size	22 ha	
Runways:	1	-Longest length runway: 2.260 m
-Runway 1	Heading 06/24, 2.260m, Aircraft size max: Unlimited Aircraft size	
Apron (aircraft stands)	30	
Cargo terminal:	1	-Capacity cargo (tons): -
Passenger terminal:	2	-Capacity passengers (annual): -
-AirportCity	No	

ACCESSIBILITY

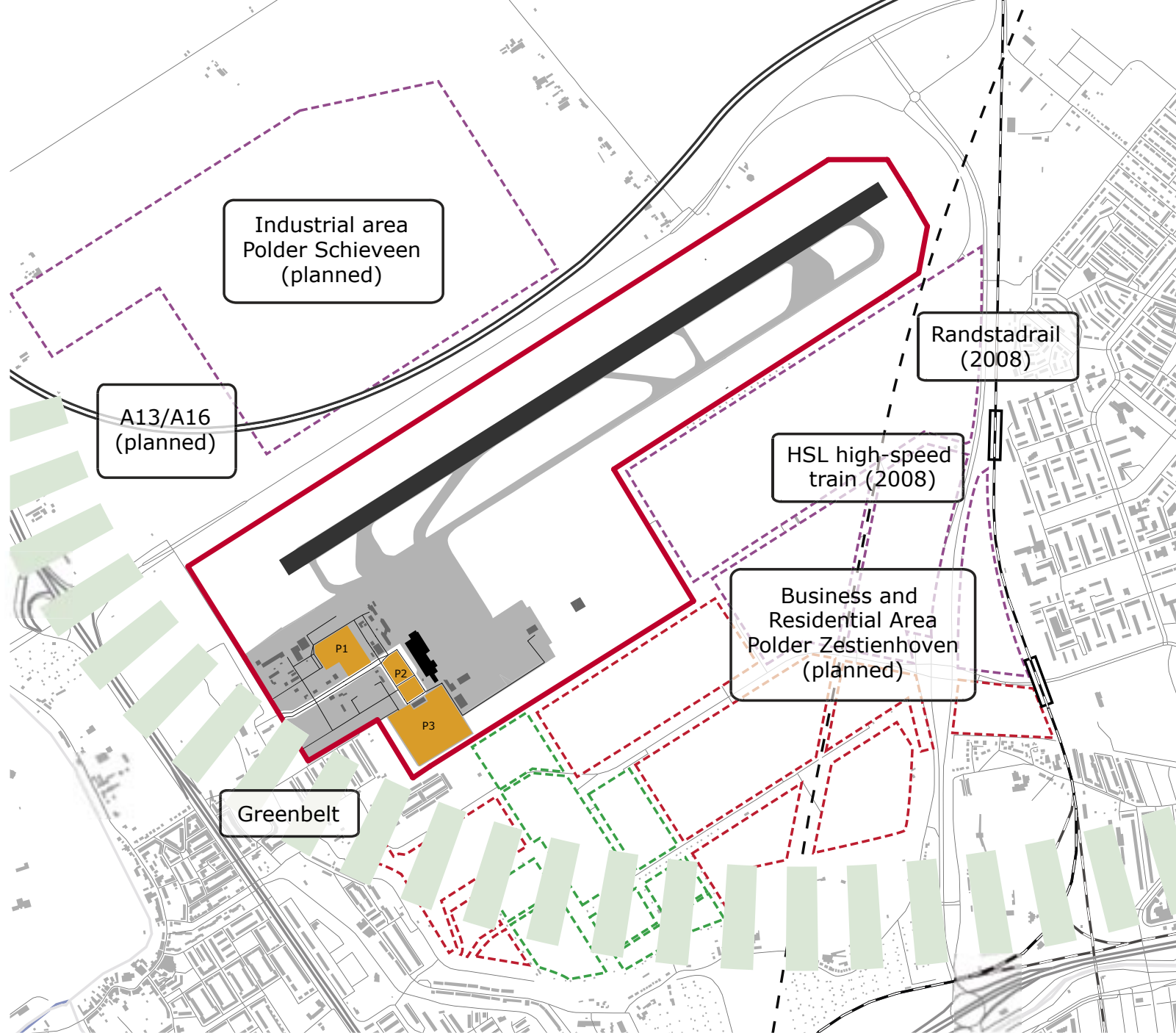
	-Train link: No		-Bus link:citybus/ shuttle bus A'dam, Delft & The Hague		-Nearest city: Rotterdam (3km)
Modal split:	Rail	Bus	Taxi	Private car	Others
	-	-	-	-	-
Parking area (spaces):	2.760				
-Parking fees (euros, 2004)	1 hr		1 day		7 days
--short term	€ 2,50		€ 22,50		
--long term	€ 2,50		€ 14,00		€ 32,00

PLANNED AIRPORT DEVELOPMENT

(Source: A-Z Worldairports, 2004)

-Projects:	-Additional capacity:	-Year operation:	-Status:
Extended and renovated passenger terminal	Terminal	2003	Completed
Temporary arrival facility	Terminal	2004	Completed

- Airport area
- - - New business area
- - - New residential area
- - - New recreation area



Rotterdam Airport area and local surrounding

1:18.750

RTM - ENVIRONMENT



NOISE*	2003	compared to 2002
Noise complaints	3.739	3.044
Noise complainers	917	909
Noise complaints area (cities)	68	58
-Total complaints by 1 person*	276	*Complaints about parachute.

Type of noise:	2003	compared to 2002
Civil air traffic	68%	
-Night air traffic (23:00-07:00 hrs)	1.093	631
Commercial (recreation & advertising) air traffic	17%	

Noise complaints area (municipals):	2003	compared to 2002
Rotterdam	1.770	1.325
Schiedam	434	449
Bergschenhoek	392	268
Oud-Beijerland	285	174
Berkel en Rodenrijs	159	139
Vlaardingen	123	140
Delft	99	87
Gouda	63	31
Zevenhuizen	48	39
Others	366	381

*(Sources: DCMR Milieudienst Rijnmond, 2003, 2004)

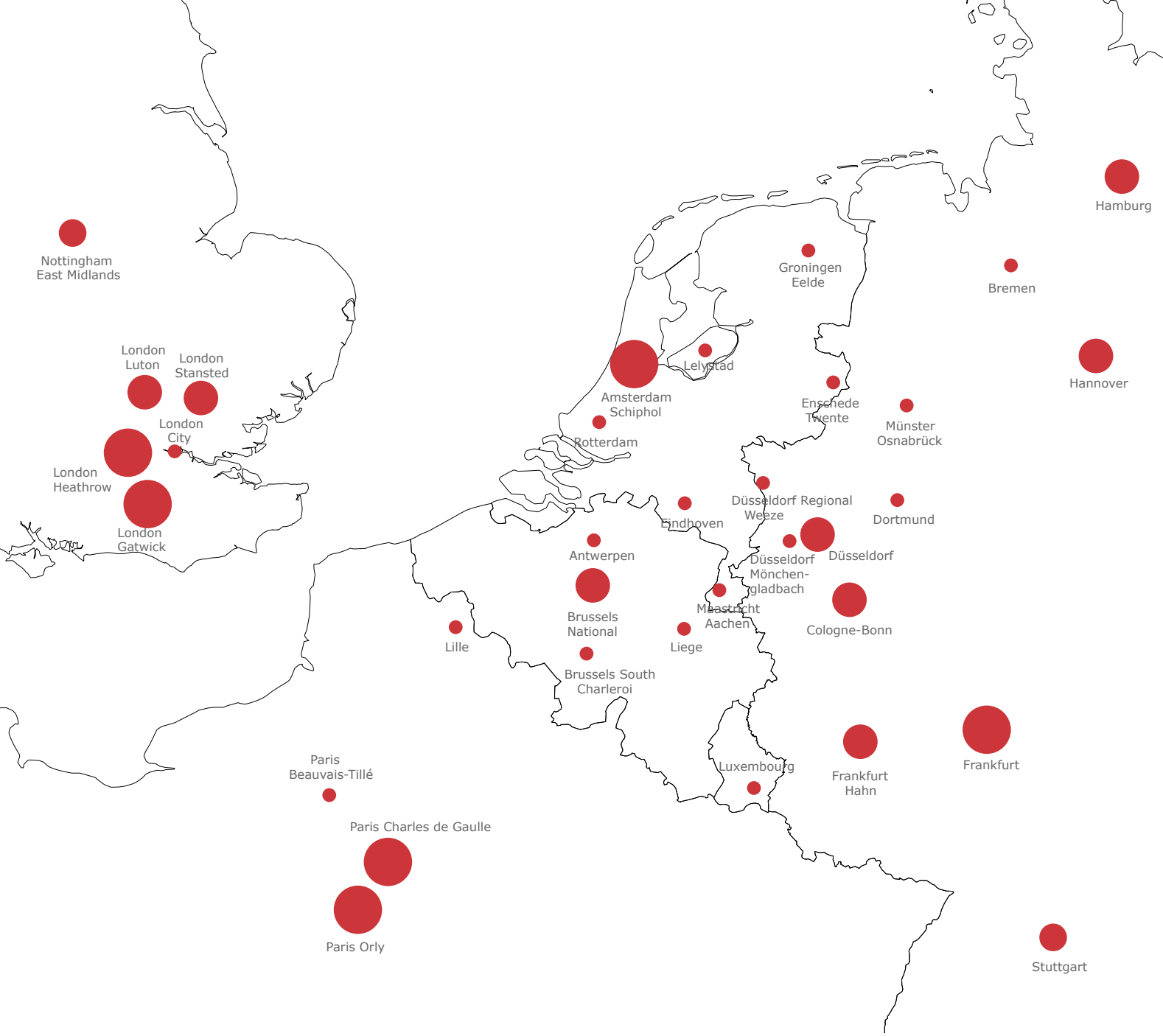
DEVELOPMENT REGION	-Sites (selection):	-Plan (organization):	-Periode:
Residential area	Rijs en Daal, reconstruction Schiebroek, Vinex-locations region	(Gem.Rotterdam, other municipals)	2006-2008
Business area	Noordrand Rotterdam Airport, Spaanse polder, Schieveen	(Gem.Rotterdam)	2005-2020
Infrastructure	HSL-Zuid, RandstadRail	(Min.V&W)	2005, -2009
Nature	Noordrand Groene Loper, Groen-Blauwe slinger	(Gem.Rotterdam, Prov. Zuid-Holland)	2005-2009

-  Airport area
-  Noise contours
-  Motorway
-  Railway
-  Built area
-  Industrial area
-  New industrial area
-  New residential area
-  New recreation area
-  Ecological area (EHS)
-  Forest
-  Water



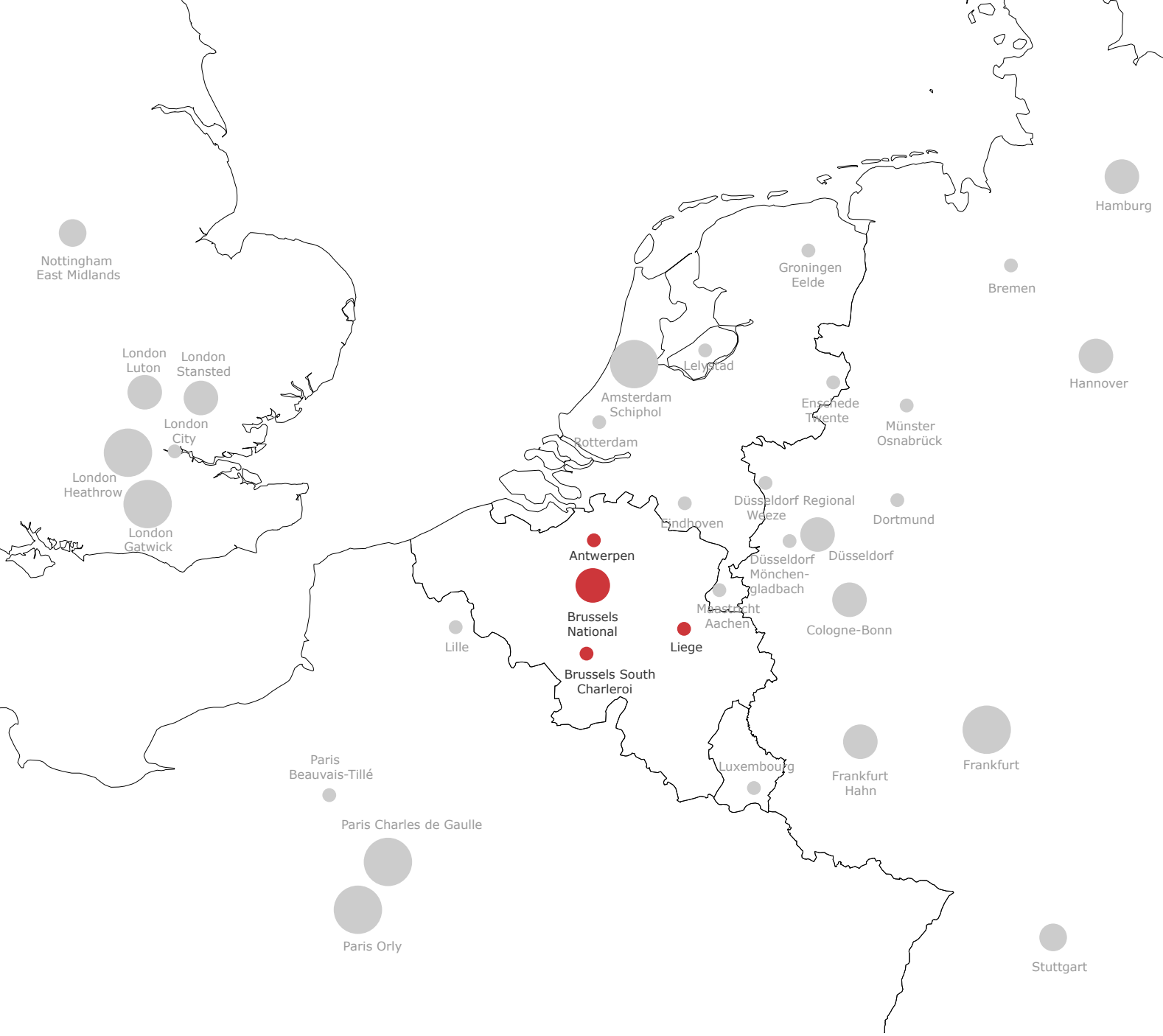
Rotterdam Airport
and surrounding
developments

1:75.000



Selection of airports in Northwest Europe

NWWE



Selection of airports in Belgium

B

86 BRU-BRUSSELS NATIONAL AIRPORT (B)

CONNECTIVITY (summer 2004)*

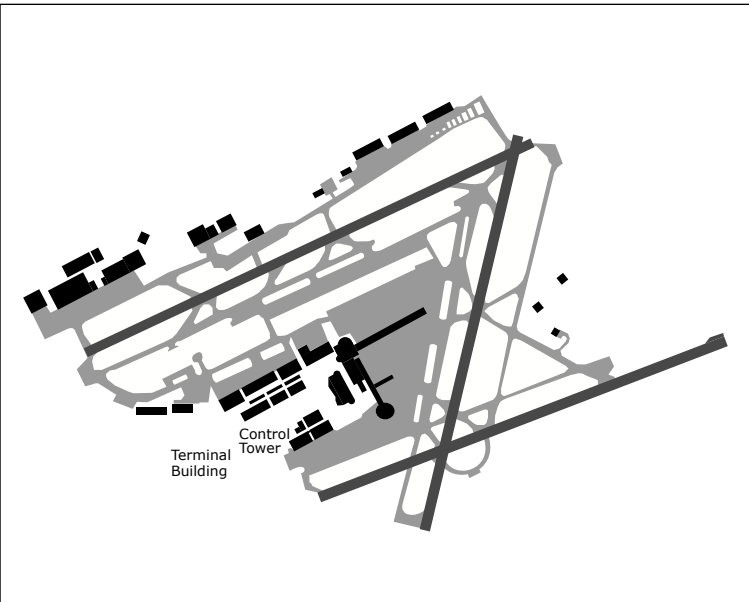
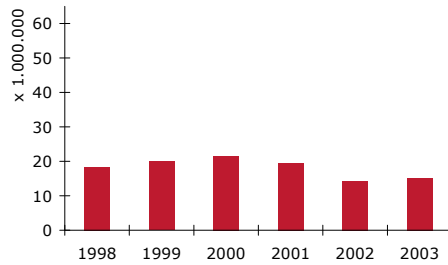
Destinations:	175
-Scheduled flights	125
-Holiday flights	50
Airlines	90

AIR TRAFFIC (statistics 2003, x 1.000)*

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
252,3	15.092,7	273,4	5,0

*(Source: IATA, 2004)

Passenger transport 1998-2003



AIRPORT-ORGANIZATION

Name / Address	Brussels National Airport, B-1930 Zaventem, Belgium				
Website	www.brusselsairport.be				
IATA / ICAO code	BRU / EBBR				
Position (LAT/LONG)	50°54'28"N / 004°29'09"E				
Opening hours	24 hours				
(Noise) restrictions	23.00 - 07.00 hrs Chapter 2 aircrafts prohibited				
Operator	BIAC-Brussels International Airport Company				
Employment (2002)*:	*(Source: ATAG, 2003)				
-Employed direct:	773			-Total on site (est.):	20.969
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	8,9	32,1	6,4	22,6	10,5

AIRPORT-INFRASTRUCTURE

Size	1.245 ha	
Runways:	3	-Longest length: 3.638 m
-Runway 1	Heading 02/20, 2.984m, Aircraft size max: B747, AN-225	
-Runway 2	Heading 07R/25L, 3.211m, Aircraft size max: AN-225	
-Runway 3	Heading 07L/25R, 3.638m, Aircraft size max: AN-225, B747	
Apron (aircraft stands)	129	
Cargo terminal:	2	-Capacity cargo (tons): 2.000.000
Passenger terminal:	2	-Capacity passengers (annual): 21.000.000

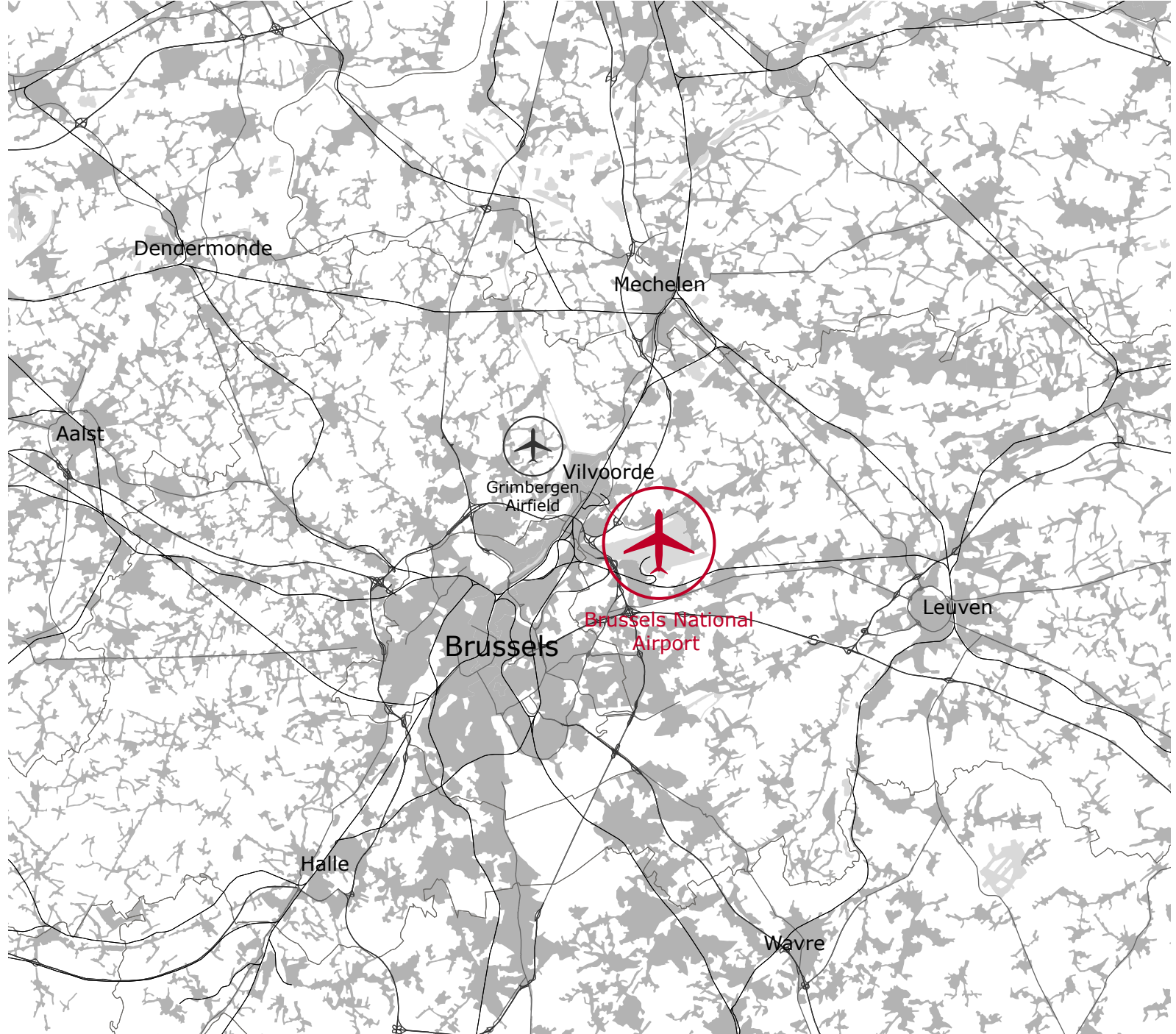
ACCESSIBILITY

Modal split (2002)*	Rail	Bus	Taxi	Private Car	Others
*(Source: ATAG, 2003)	13%	2%	20%	54%	11%
Parking area (spaces):	9.900				
-Parking fees (euros, 2004):	1 hr	1 day	7 days	Car Hotel	
--short term	€ 2,30	€ 14,00	€ 98,00		
--long term	€ 2,00	€ 13,40	€ 93,80	€ 84,00	

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
RWY capacity optimization	Runway	2005	Planned
Cargo area extension	Cargo area	2006	Planned
TWY optimization	APRON	2008	Planned

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Brussels region

1:300.000

CRL - BRUSSELS SOUTH CHARLEROI AIRPORT (B)

CONNECTIVITY (summer 2004)

Destinations: 17

-Scheduled flights

-Holiday flights

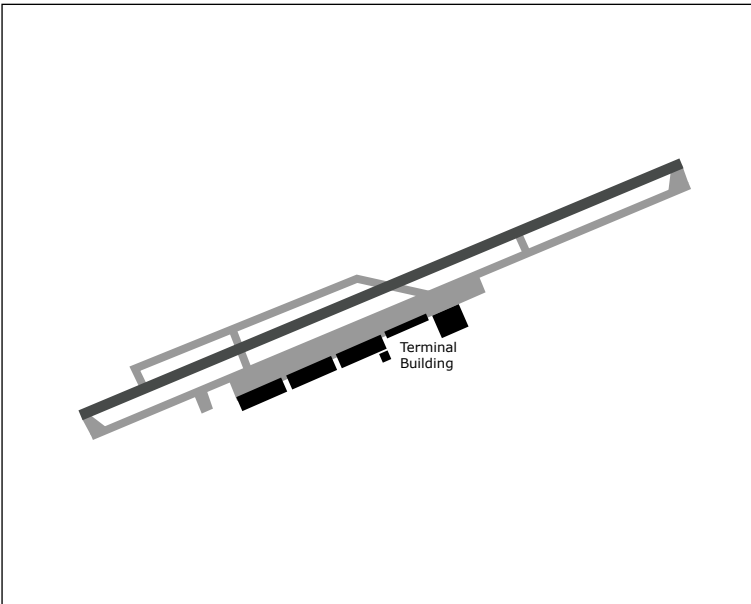
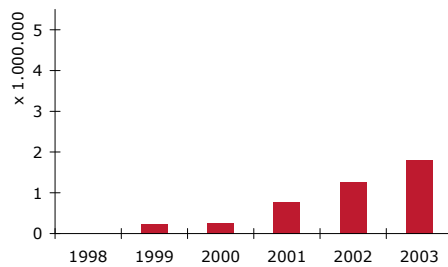
Airlines 4

AIR TRAFFIC (statistics 2003, x 1.000)*

*(Source: IATA, 2004)

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
63,2	1.804,0	0	0

Passenger transport 1998-2003



AIRPORT-ORGANIZATION

Name / Address	Brussels South Charleroi Airport, B-6041 Charleroi, Belgium				
Website	www.charleroi-airport.com				
IATA / ICAO code	CRL / EBCI				
Position	50°27'36"N / 004°27'10"E				
Opening hours	07:00-22:00 hrs (24 hours on request)				
(Noise) restrictions	-				
Operator	Brussels South Charleroi Airport (BSCA)				
Employment:					
-Employed direct:	-				-Total on site (est.): -
Potential market area	1 hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	7,6	25,9	3,1	14,4	8,2

AIRPORT-INFRASTRUCTURE

Size	- (ha)				
Runways:	2 -Longest length: 2.550m				
-Runway 1	Heading 07/25, 2.550m, Aircraft size max: B707, DC-10, A320				
-Runway 2	Heading 25/07, 2.550m				
Apron (aircraft stands)	20				
Cargo terminal:	1	-Capacity cargo (tons): -			
Passenger terminal:	1	-Capacity passengers (annual): new: 3.000.000			
AirportCity:	No				

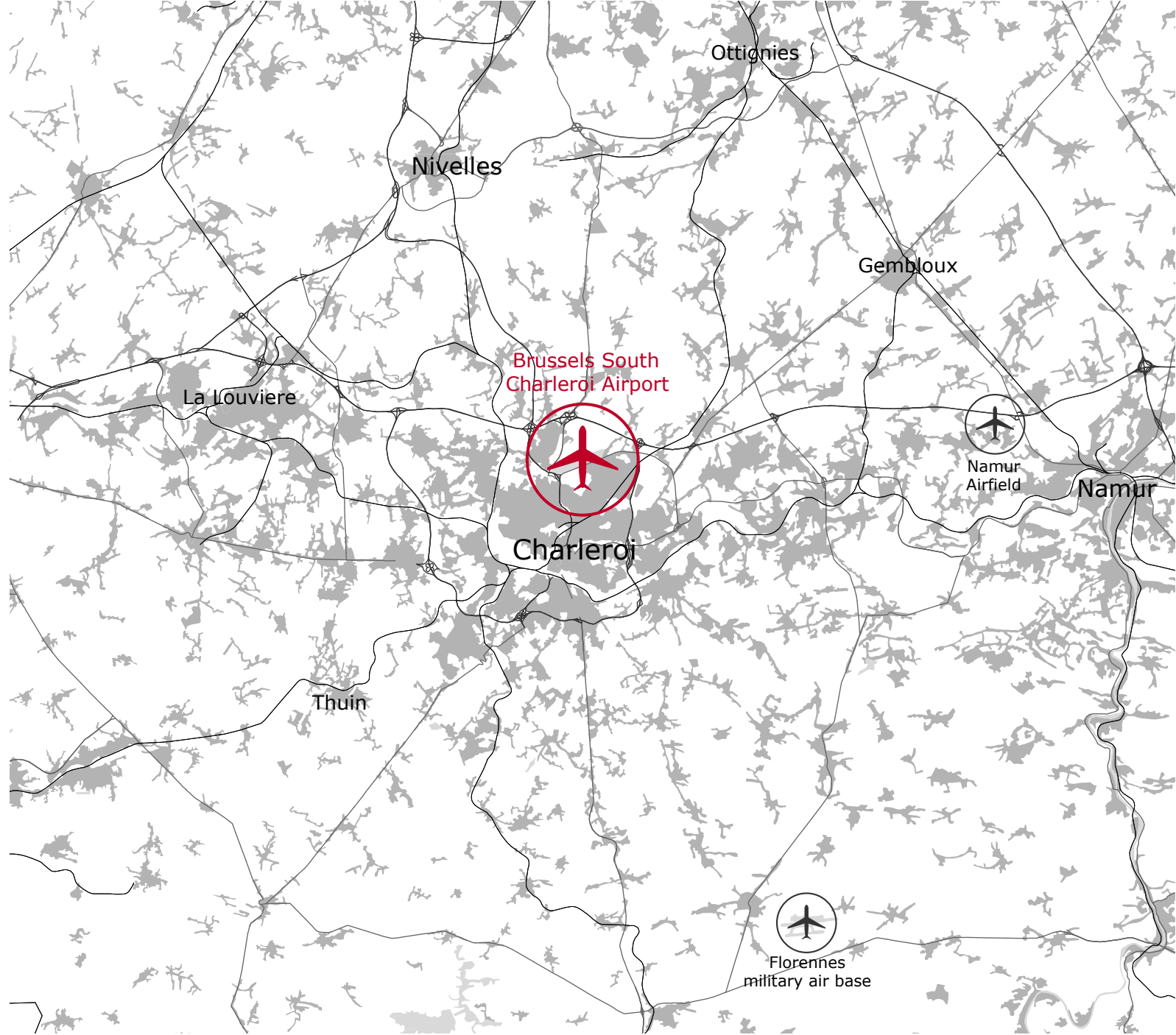
ACCESSIBILITY

Modal split:	Rail	Bus	Taxi	Private car	Others
	-	-	-	-	-
Parking area (spaces):	2.200				
-Parking fees (euros, 2004):	1 hr	1 day	7 days		
--short term	€ 1,70	€ 11,00	€ 77,00		
--long term	€ 1,00	€ 8,00	€ 56,00		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
New terminal (3 mil. passengers)	Terminal	?	Planned
Comments:	Development activities Plan 'Airport to 2010'		

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Charleroi region

1:300.000

ANR-ANTWERP AIRPORT (B)

CONNECTIVITY (summer 2004)

Destinations: 3

-Scheduled flights

-Holiday flights

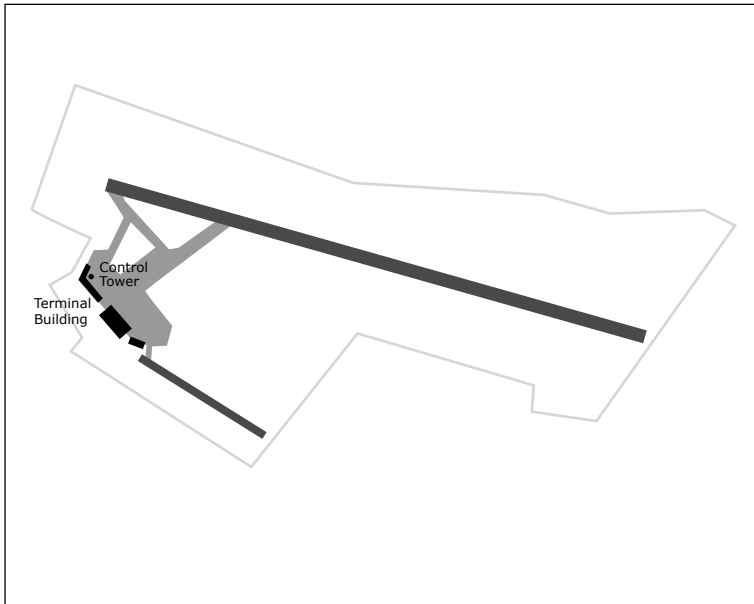
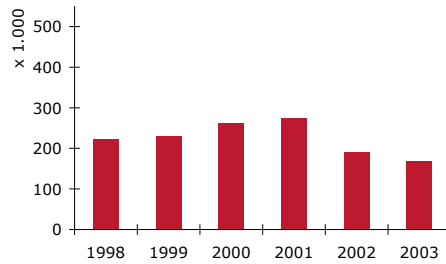
Airlines 3

AIR TRAFFIC (statistics 2003, x 1.000)*

*(Source: IATA, 2004)

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
64,0	168,3	5,0	0

Passenger transport 1998-2003



AIRPORT-ORGANIZATION

Name / Address	Antwerp Airport, Luchthavenlei 1, B-2100 Antwerp, Belgium				
Website	www.antwerpairport.be				
IATA / ICAO code	ANR / EBAW				
Position (LAT/LONG)	51°11'22"N / 004°27'37"E				
Opening hours	06:30-23:00 hrs				
(Noise) restrictions	-				
Operator	Ministry of the Flemish Government				
Employment:					
-Employed direct:	-	-	-Total on site (est.):	-	-
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	10,4	35,7	5,9	23,4	10,7

AIRPORT-INFRASTRUCTURE

Size	-				
Runways:	1 -Longest length: 1.510m				
-Runway 1	Heading 11/29, 1.510m, Aircraft size max: B737, BA46				
Apron (aircraft stands)	16				
Cargo terminal:	1	-Capacity cargo (tons): -			
Passenger terminal:	1	-Capacity passengers (annual): 600.000			
-AirportCity	No				

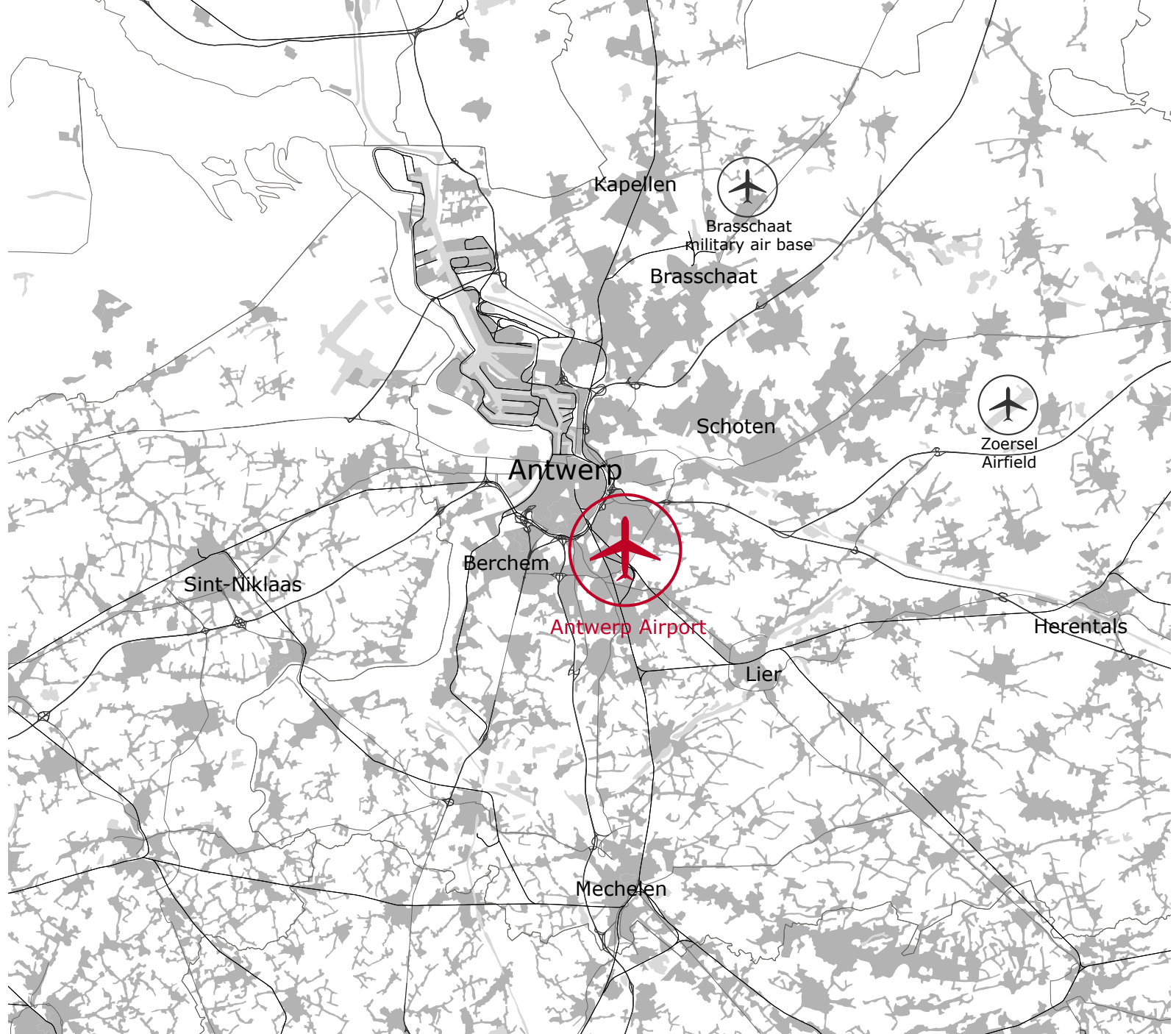
ACCESSIBILITY

	-Train link: No -Bus link: city bus -Nearest city: Antwerpen(4km)				
Modal split:	Rail	Bus	Taxi	Private car	Others
	-	-	-	-	-
Parking area (spaces):	600				
-Parking fees (euros, 2004):	1 hr	1 day	7 days		
--short/long term	-	-	-		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Renewed terminal	Terminal	2004	Completed

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Antwerp region

1:300.000

92 **LGG-LIEGE AIRPORT (B)**

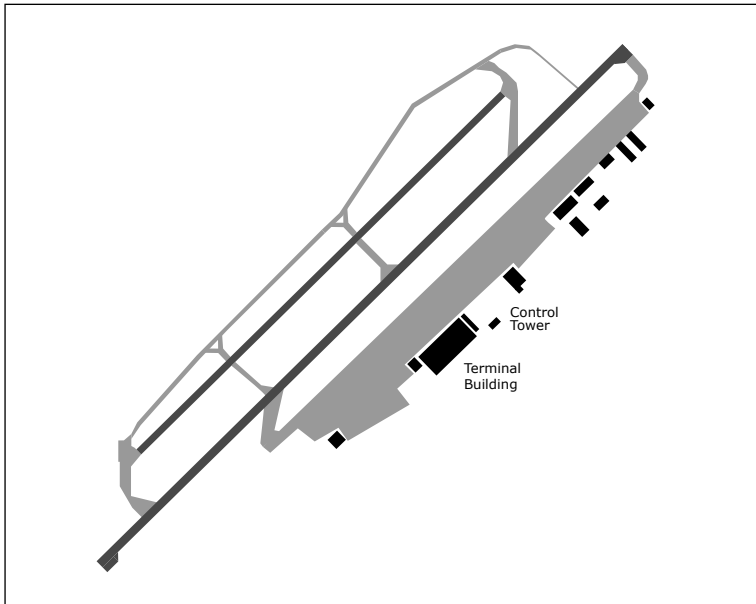
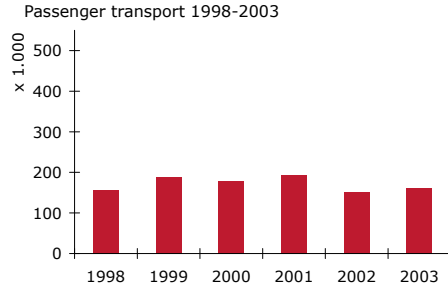
CONNECTIVITY (summer 2004)

Destinations: 14
 -Scheduled flights
 -Holiday flights 14
 Airlines 4

AIR TRAFFIC
 (statistics 2003, x 1.000)*

*(Source: IATA, 2004)

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
38,8	161,6	374,2	0



AIRPORT-ORGANIZATION

Name / Address	Liège Airport Bierstet, B-4460 Grace-Hollogne, Belgium				
Website	www.liegeairport.com				
IATA / ICAO code	LGG / EBLG				
Position (LAT/LONG)	50°38'0"N / 005°34'0"E				
Opening hours	24 hours				
(Noise) restrictions	Chapter 2 between 23:00-07:00 hrs				
Operator	Liege Airport - SAB s.a.				
Employment:					
-Employed direct:	-		-Total on site (est.):	-	
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	7,0	34,0	5,0	23,2	9,2

AIRPORT-INFRASTRUCTURE

Size	- (ha)		
Runways:	-Longest length: 3.287m		
-Runway 1	Heading 05R/23L, 3,287m, Aircraft size max: B747		
-Runway 2	Heading 05L/23R, 2,272m		
Apron (aircraft stands)	-		
Cargo terminal:	2	-Capacity cargo (tons):	500.000
Passenger terminal:	1	-Capacity passengers (annual):	(area:1.600m ²)
AirportCity	No		

ACCESSIBILITY

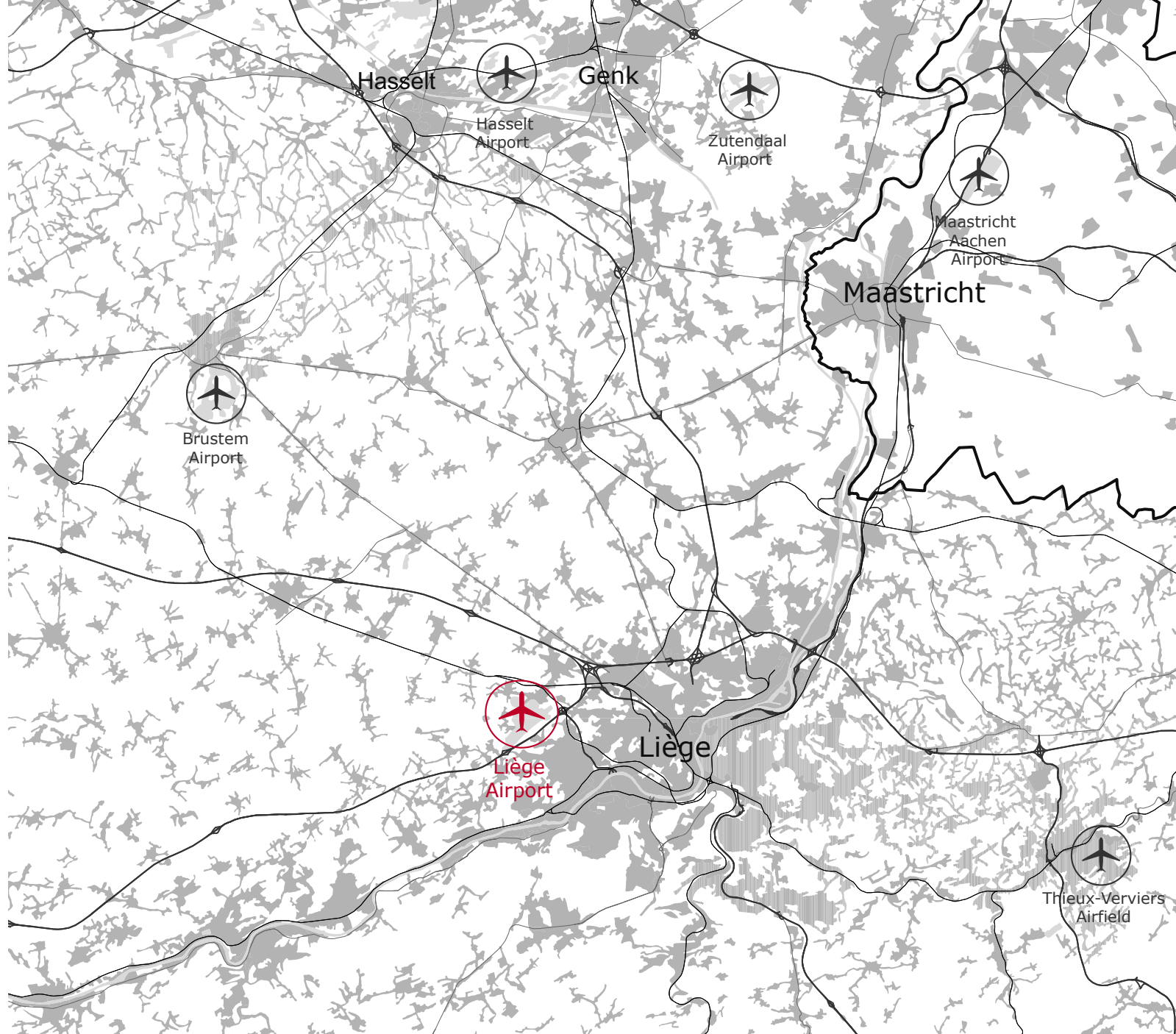
	-Train link: No -Bus link: city bus -Nearest city: Liège (9km)				
Modal split:	Rail	Bus	Taxi	Private car	Others
	-	-	-	-	-
Parking area (spaces):	850				
-Parking fees (euros, 2004):	1 hr	1 day	7 days		
--short term	free	free	free		
--long term	free	free	free		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
New passenger terminal (1 million pax)	Terminal	2005	Actual

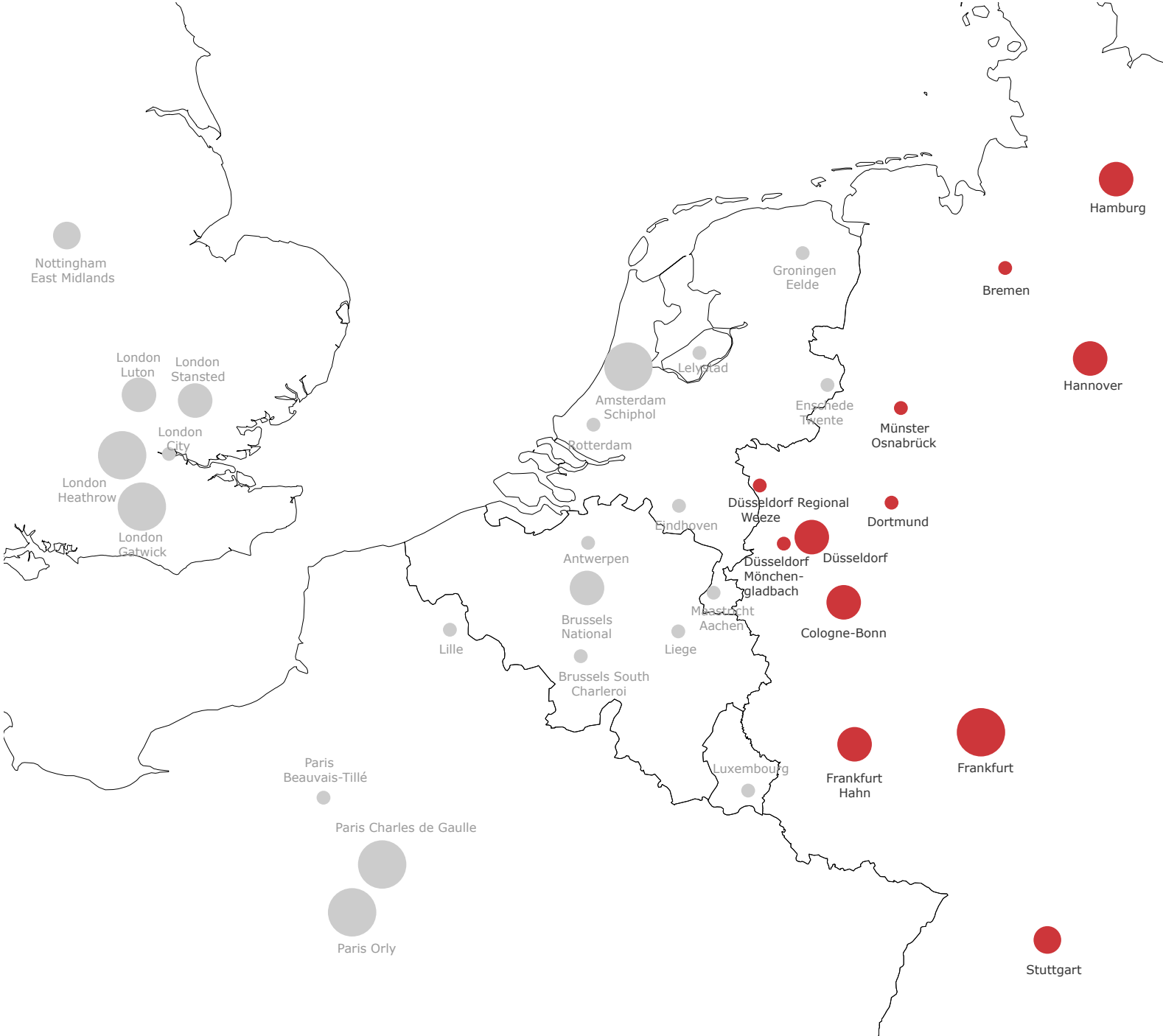
Comments: Development projects to Liege Airport until 2010 on website airport

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Liège region

1:300.000

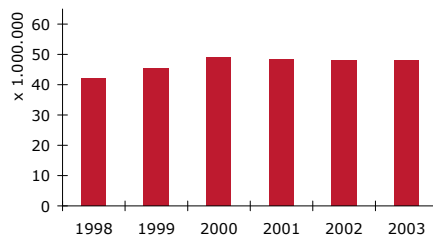


Selection of airports in Germany

D

FRA-FRANKFURT AIRPORT (D)

Passenger transport 1998-2003

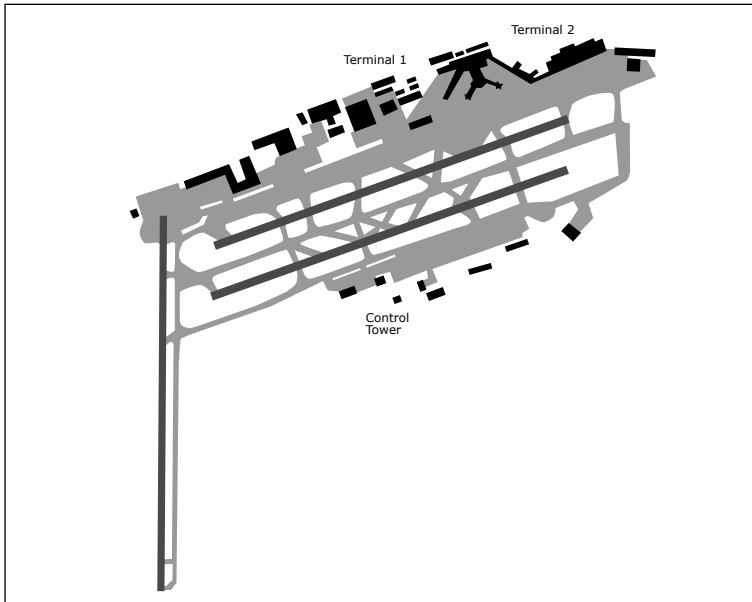


CONNECTIVITY (summer 2004)

Destinations:	300
-Scheduled flights	300
-Holiday flights	
Airlines	154

AIR TRAFFIC (statistics 2003, x 1.000)*

	Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
*(Source: IATA, 2004)	458,9	48.107,7	1.527,2	123,4



AIRPORT-ORGANIZATION

Name / Address	Frankfurt/Main International, D-60547 Frankfurt/Main, Germany				
Website	www.frankfurt-airport.de				
IATA / ICAO code	FRA / EDDF				
Position (LAT/LONG)	50°02'04"N / 008°34'17"E				
Opening hours	05:00-23:00 hrs				
(Noise) restrictions	night curfew 23:00-05:00 hrs				
Operator	Fraport AG Frankfurt Airport Services Worldwide				
Employment (2002)*:	*(Source: ATAG, 2003)				
-Employed direct:	15.526		-Total on site (est.):	62.000	
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	7,6	24,7	6,0	25,5	9,3

AIRPORT-INFRASTRUCTURE

Size	1.900 ha				
Runways:	3 -Longest length: 4.000 m				
-Runway 1	Heading 07L/25R, 4.000m, Aircraft size max: B747				
-Runway 2	Heading 07R/25L, 4.000m, Aircraft size max: B747				
-Runway 3	Heading 18/36, 4.000m, Aircraft size max: B747				
Apron (aircraft stands)	187				
Cargo terminal:	2		-Capacity cargo (tons):	4.500.000	
Passenger terminal:	9		-Capacity passengers (annual):	60.000.000	

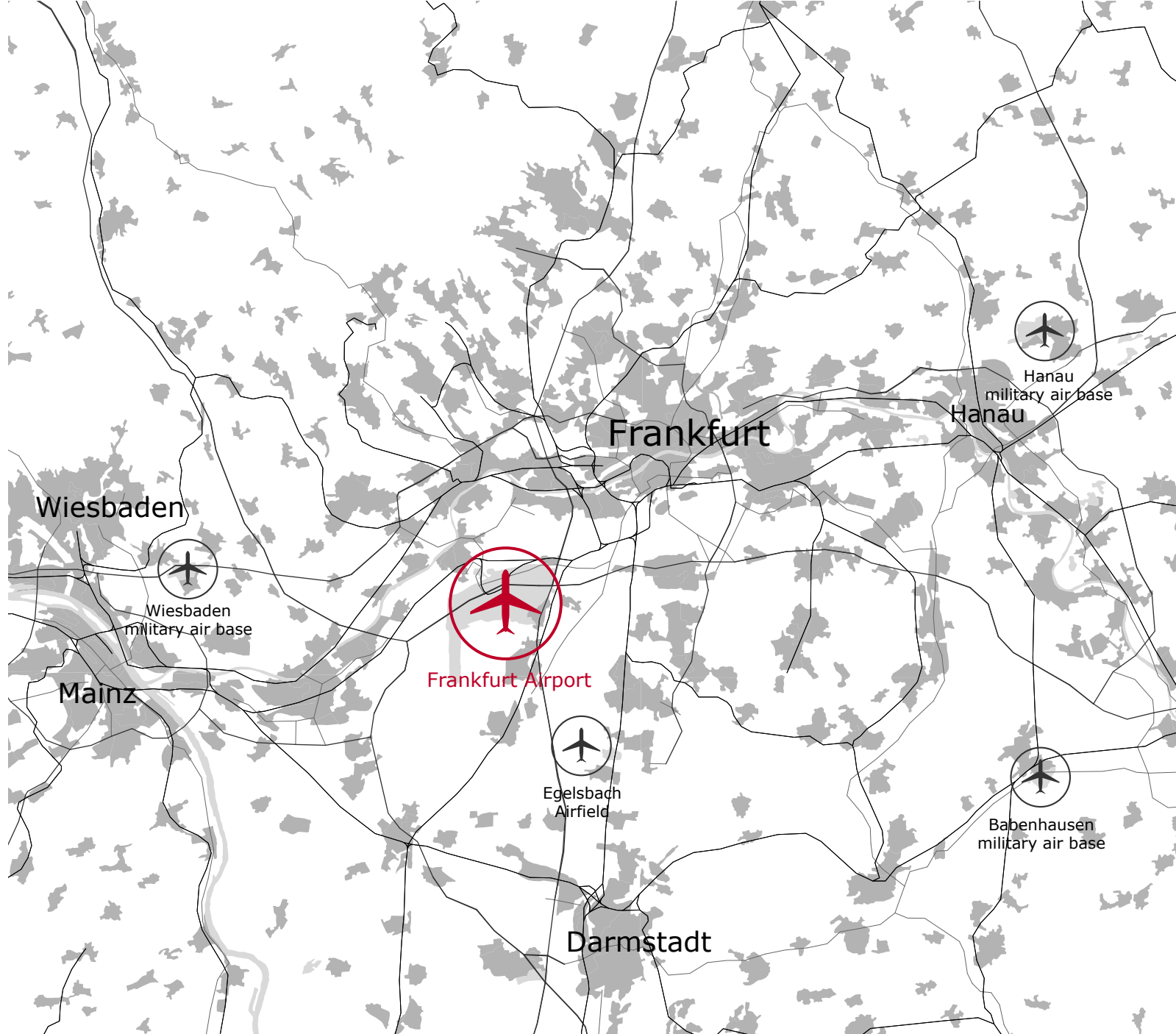
ACCESSIBILITY

-Train link:	Yes		-Nearest city: Frankfurt (12km)		
Modal split (2002)*:	Rail	Bus	Taxi	Private car	Others
*(Source: ATAG, 2003)	27%	6%	19%	47%	-
Parking area (spaces):	36.500				
-Parking fees (euros, 2004):	1 hr	1 day	7 days		
--short/long term	€ 3,00	€ 21,00	€105,00		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Construction of 4th runway	Runway	2006	Planned
Construction of Terminal 3 + Apron area	Terminal, Apron	2007	Planned

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Frankfurt region

1:300.000

DUS-DÜSSELDORF INTERNATIONAL AIRPORT

CONNECTIVITY (summer 2004)

Destinations: 225

-Scheduled flights

-Holiday flights

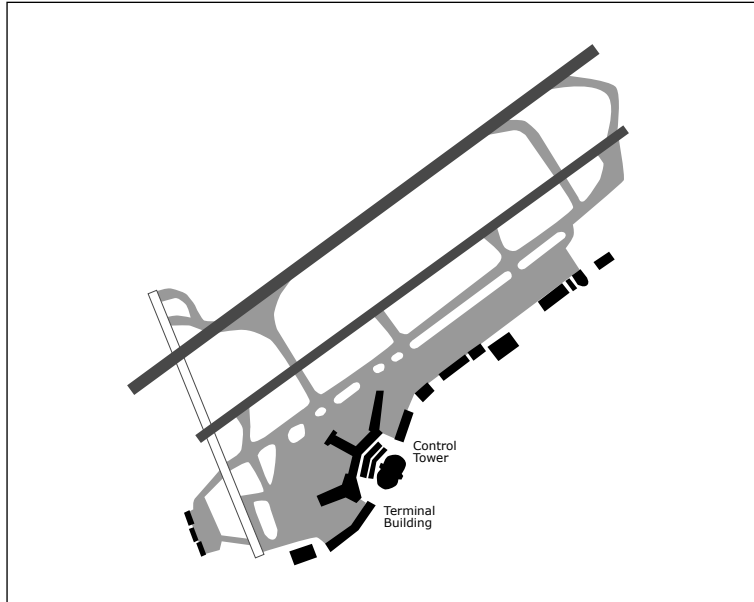
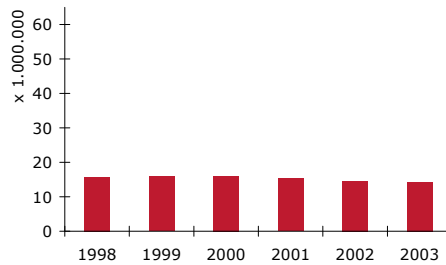
Airlines 75

AIR TRAFFIC (statistics 2003, x 1.000)*

*(Source: IATA, 2004)

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
186,2	14.172,9	47,4	0,1

Passenger transport 1998-2003



AIRPORT-ORGANIZATION

Name / Address	Düsseldorf International Airport, D-40403 Düsseldorf, Germany				
Website	www.duesseldorf-international.de				
IATA / ICAO code	DUS / EDDL				
Position (LAT/LONG)	51°16'56"N / 006°45'29"E				
Opening hours	24 hours				
(Noise) restrictions	night restrictions: 23:00-06:00 hrs, only Chapter 3 aircrafts allowed				
Operator	Flughafen Düsseldorf GmbH				
Employment (2002)*:	*(Source: ATAG, 2003)				
-Employed direct:	2.673				-Total on site (est.): 13.200
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	15,1	36,0	11,9	41,2	14,5

AIRPORT-INFRASTRUCTURE

Size	613 ha		
Runways:	3 -Longest length: 3.000m		
-Runway 1	Heading 05R/23L, 3.000m, Aircraft size max: B747		
-Runway 2	Heading 05L/23R, 2.900m		
-Runway 3	Heading 15/33, 1.650m		
Apron (aircraft stands)	76		
Cargo terminal:	2	-Capacity cargo (tons):	130.000
Passenger terminal:	4	-Capacity passengers (annual):	15.000.000

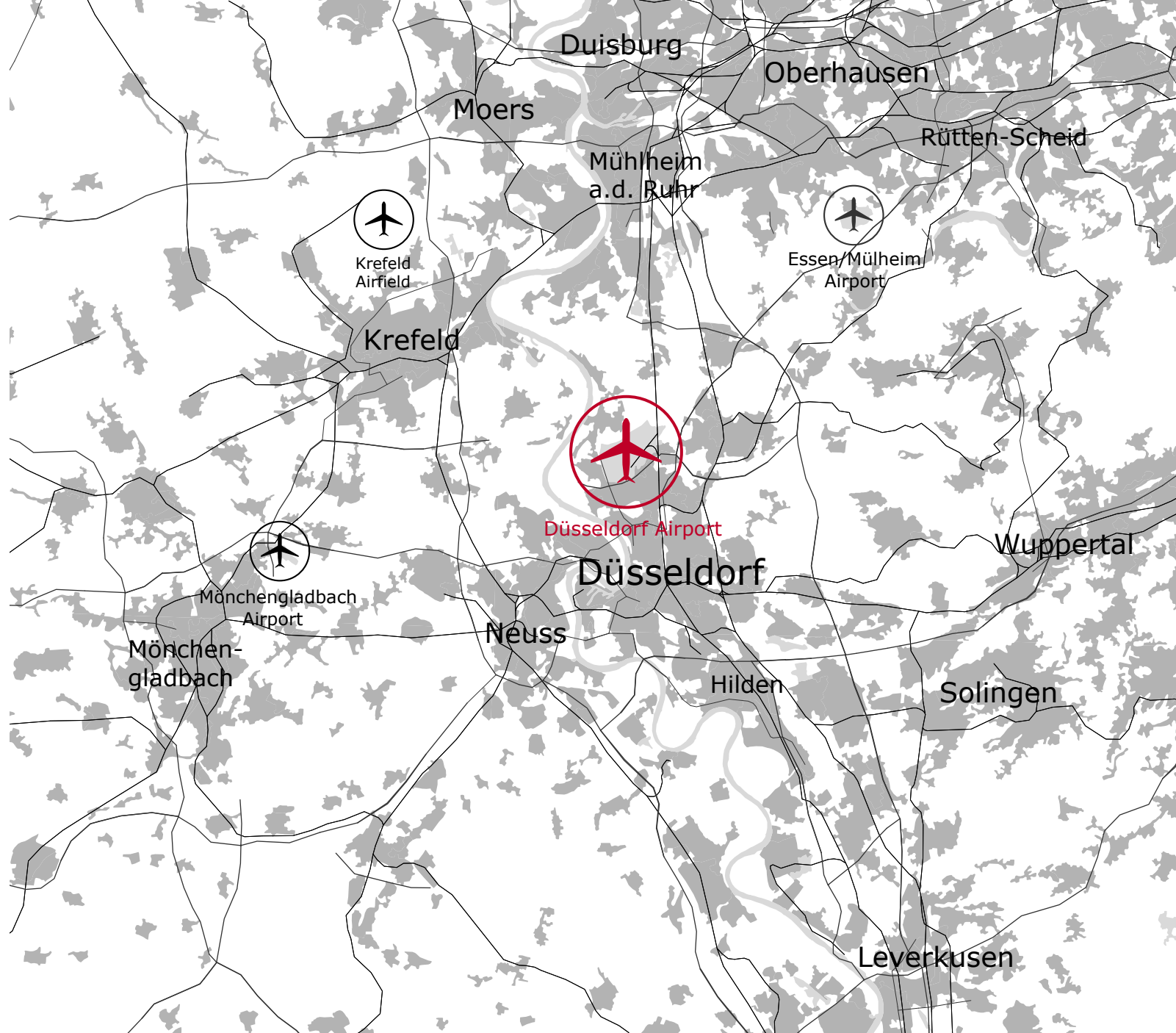
ACCESSIBILITY

Modal split (2002)*:	Rail	Bus	Taxi	Private car	Others
*(Source: ATAG, 2003)	18%	4%	21%	51%	-
Parking area (spaces):	10.500	of 11.600?			
-Parking fees (euros, 2004):	1 hr	1 day	7 days		
--short term	€ 3,00	€ 24,00	€168,00		
--long term	€ 2,00	€ 16,00	€ 48,00		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Completion terminal (17 million pax)	Terminal	2003	Actual
Additional Pier	Terminal	?	Planned
New railway station	Others	?	Planned

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Düsseldorf region

1:300.000

HAM - HAMBURG AIRPORT (D)

CONNECTIVITY (summer 2004)

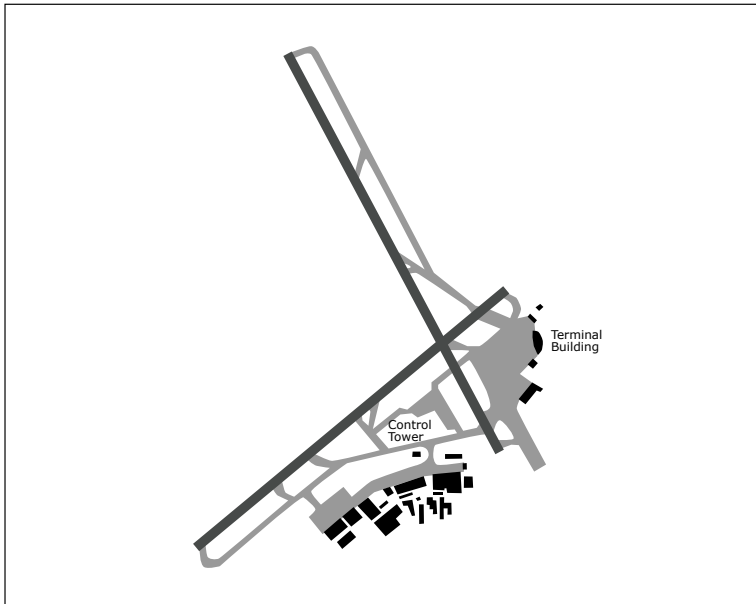
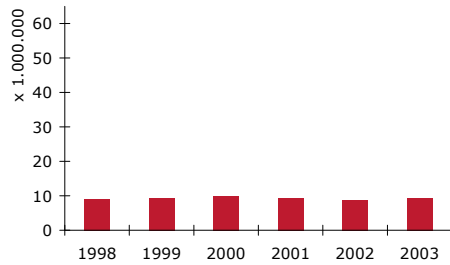
Destinations:	240
-Scheduled flights	240
-Holiday flights	60
Airlines	74

AIR TRAFFIC (statistics 2003, x 1.000)*

*(Source: IATA, 2004)

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
149,4	9.424,8	23,2	12,8

Passenger transport 1998-2003



AIRPORT-ORGANIZATION

Name / Address	Hamburg Airport, Flughafenstraße 1-3, D-22335 Hamburg, Germany				
Website	www.ham.airport.de				
IATA / ICAO code	HAM / EDDH				
Position (LAT/LONG)	53°37' 55"N / 009°59' 22"E				
Opening hours	07:00-22:00 hrs; Chapter 3 aircrafts allowed: 06:00-23:00 hrs				
(Noise) restrictions	-				
Operator	Flughafen Hamberg GmbH				
Employment (2003)*:	*(Source: website airport)				
-Employed direct:	1.661		-Total on site:	12.307	
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	4,5	10,1	3,4	8,5	6,0

AIRPORT-INFRASTRUCTURE

Size	570 ha				
Runways:	2 -Longest length: 3.665m				
-Runway 1	Heading 05/23, 3.250m, Aircraft size max: No Restriction				
-Runway 2	Heading 15/33, 3.665m, Aircraft size max: No Restriction				
Apron (aircraft stands)	65				
Cargo terminal:	1		-Capacity cargo (tons):	110.000	
Passenger terminal:	3		-Capacity passengers (annual):	11.000.000	

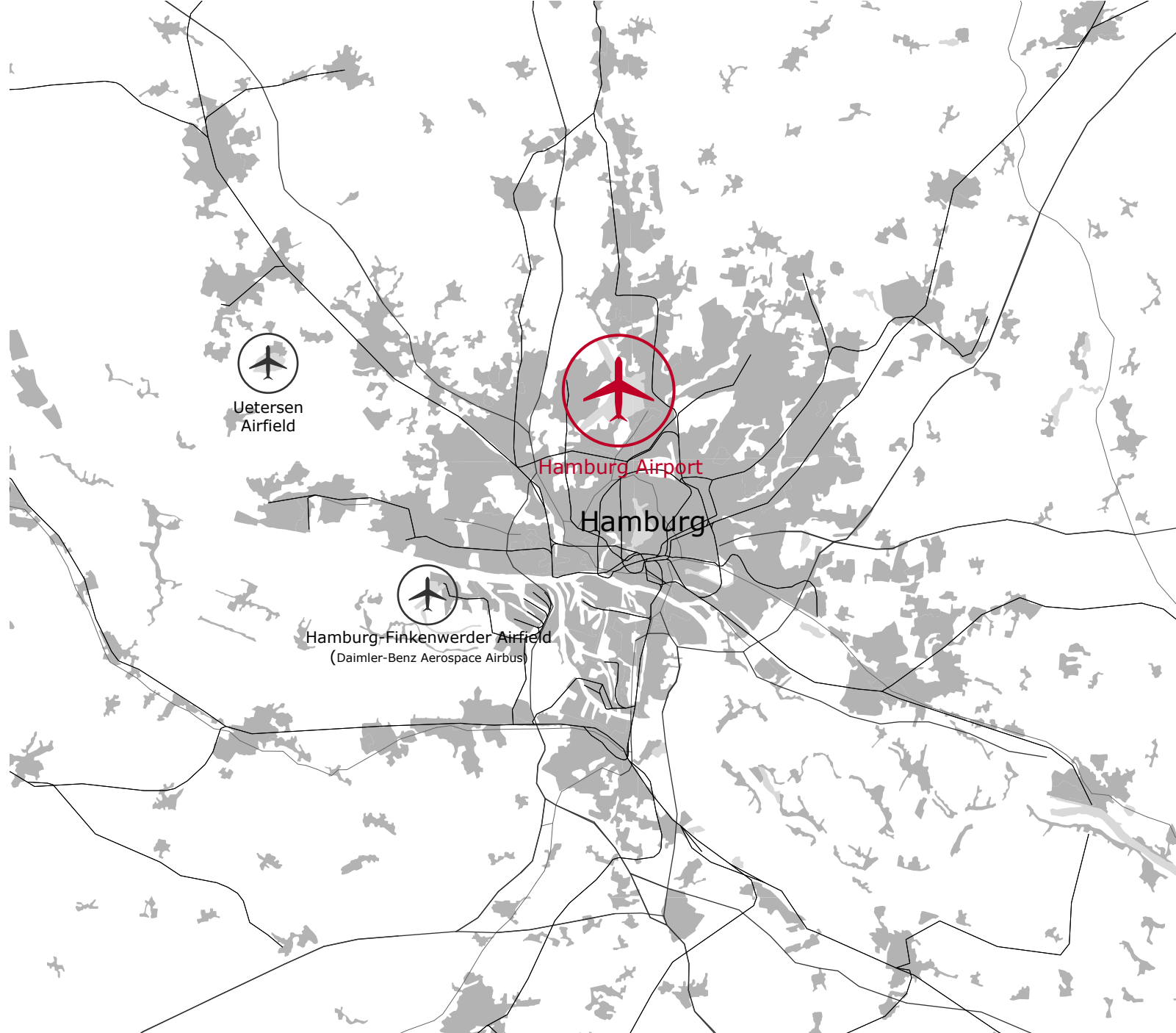
ACCESSIBILITY

	-Train link: No -Bus link: Shuttlebus -Nearest city: Hamburg(8km)				
Modal split:	Rail	Bus	Taxi	Private car	Others
	-	-	-	-	-
Parking area (spaces):	8.900				
-Parking fees (euros, 2004)	1 hr	1 day	7 days		
--short term	€ 2,00	€16,00	€112,00		
--long term (Holidaypark)	€ 2,00	€ 6,00	€ 27,00		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Replacement terminal 2	Terminal	2005	Planned
Construction of S-Bahn suburban raillink	Others	2005	Planned

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Hamburg region

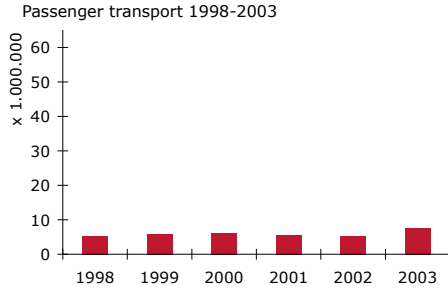
1:300.000

CGN - COLOGNE-BONN AIRPORT (D)

CONNECTIVITY (summer 2004)

Destinations: 115
 -Scheduled flights
 -Holiday flights
 Airlines 53

AIR TRAFFIC (statistics 2003, x 1.000)*	Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
*(Source: IATA, 2004)	153,4	7.697,7	518,5	12,6



AIRPORT-ORGANIZATION

Name / address Cologne-Bonn Airport, Waldsrasse 247, D-51147 Cologne, Germany
 Website www.airport-cgn.de
 IATA / ICAO code CGN / EDDK
 Position (LAT/LONG) 50°52'02"N / 007°08'37"E
 Opening hours 24 hours: only for Chapter 3 aircrafts, others on day time only
 (Noise) restrictions S´AIP-Germany
 Operator Flughafen Köln/Bonn GmbH
 Employment (2002)*: *(Source: ATAG, 2003)
 -Employed direct: 1.640 -Total on site (est.): 9.500
 Potential market area: 1hr by car 2hrs by car 1hr by train 2hrs by train weighted with distance decay
 (2004, x 1 million pax): 12,9 32,5 6,4 24,5 12,4

AIRPORT-INFRASTRUCTURE

Size 1.000 ha
 Runways: 3 -Longest length:3.815m
 -Runway 1 Heading 14L/32R, 3.800m, Aircraft size max: All types
 -Runway 2 Heading 14R/32L, 1.866m
 -Runway 3 Heading 07/25, 2.459m, Aircraft size max: All types
 Apron (aircraft stands) 113
 Cargo terminal: 9 -Capacity cargo (tons): -
 Passenger terminal: 2 -Capacity passengers (annual): 12.000.000

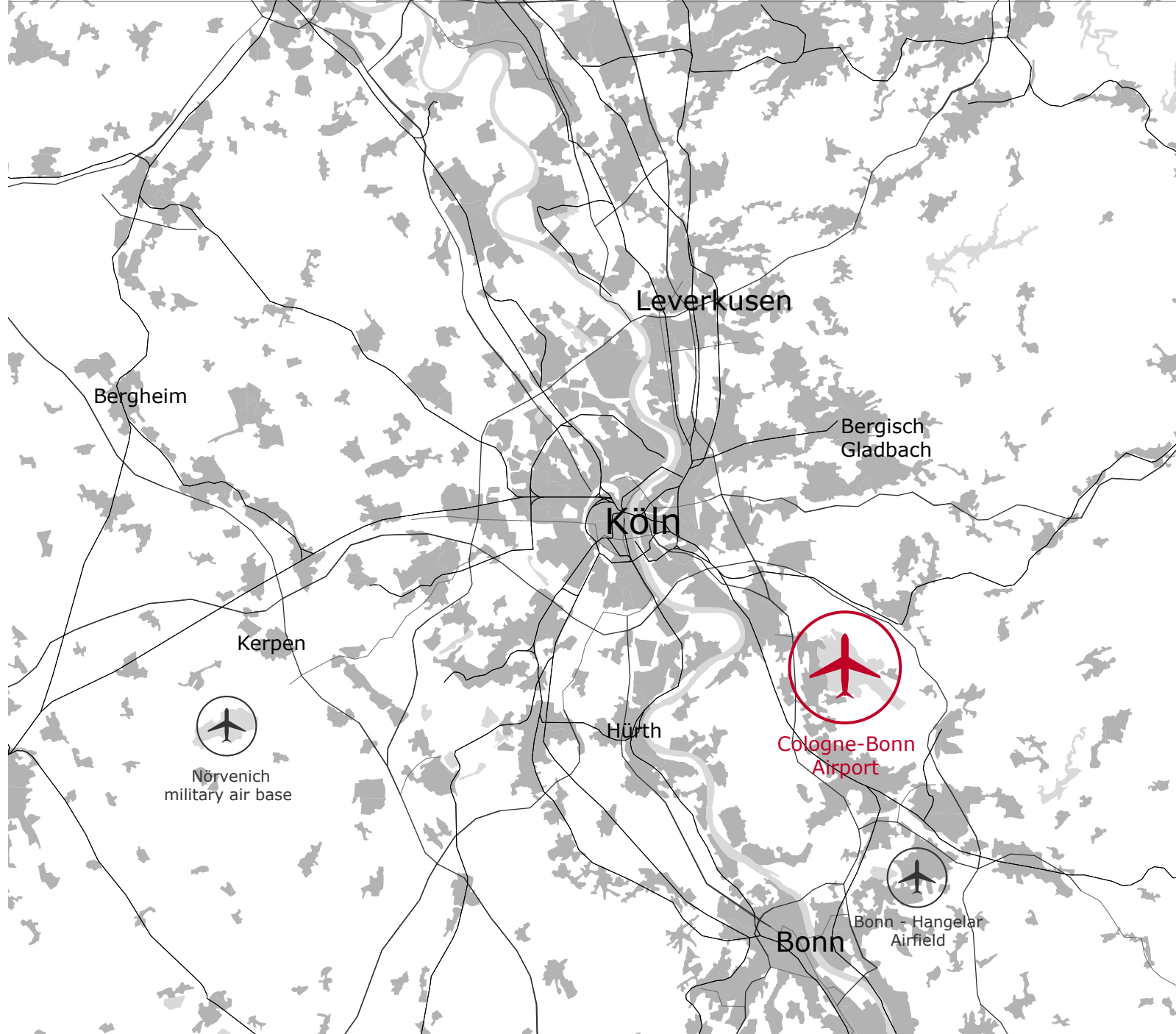
ACCESSIBILITY

-Train link: Yes -Nearest city: Cologne (15km)
 Modal split (2002)*: Rail Bus Taxi Private car Others
 *(Source: ATAG, 2003) 20% 5% 20% 55% -
 Parking area (spaces): 12.000
 -Parking fees (euros, 2004): 1 hr 1 day 7 days
 --short term €2,00 €14,00 €40,00
 --long term €1,00 € 8,00 €22,00

PLANNED AIRPORT DEVELOPMENT

-Projects: -Additional capacity: -Year operation: -Status:
 Enlargement Pax - terminal 1 Terminal 2004 Actual
 Enlargements cargo-terminals Terminal 2005 Planned

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Cologne region

1:300.000

STR-STUTTGART AIRPORT (D)

CONNECTIVITY (summer 2004)

Destinations: 118

-Scheduled flights

-Holiday flights

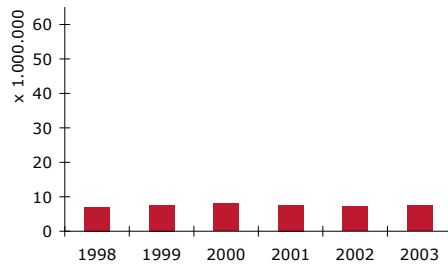
Airlines 60

AIR TRAFFIC (statistics 2003, x 1.000)*

*(Source: IATA, 2004)

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
144,9	7.464,9	17,5	9,9

Passenger transport 1998-2003



AIRPORT-ORGANIZATION

Name / Address	Stuttgart Airport, D-70624 Stuttgart, Germany			
Website	www.stuttgart-airport.com			
IATA / ICAO code	STR / EDDS			
Position	48°41' 27"N / 009°13' 23"E			
Opening hours	06:00-23:00 hrs			
(Noise) restrictions	only chapter 3 permitted			
Operator	Flughafen Stuttgart			
Employment (2002)*:	*(Source: ATAG, 2003)			
-Employed direct:	1.251	-Total on site (est.):	7.500	
Potential market area	1hr by car	2hrs by car	1hr by train	1hrs by train
(2004, x 1 million pax):	4,7	13,7	2,9	11,2
				weighted with distance decay
				8,4

AIRPORT-INFRASTRUCTURE

Size	400 ha		
Runways:	1 -Longest length: 3.345m		
-Runway 1	Heading 07/25, 3,345m, Aircraft size max: B747, AN124, C5		
Apron (aircraft stands)	40		
Cargo terminal:	2	-Capacity cargo (tons):	12.000
Passenger terminal:	4	-Capacity passengers (annual):	8.000.000

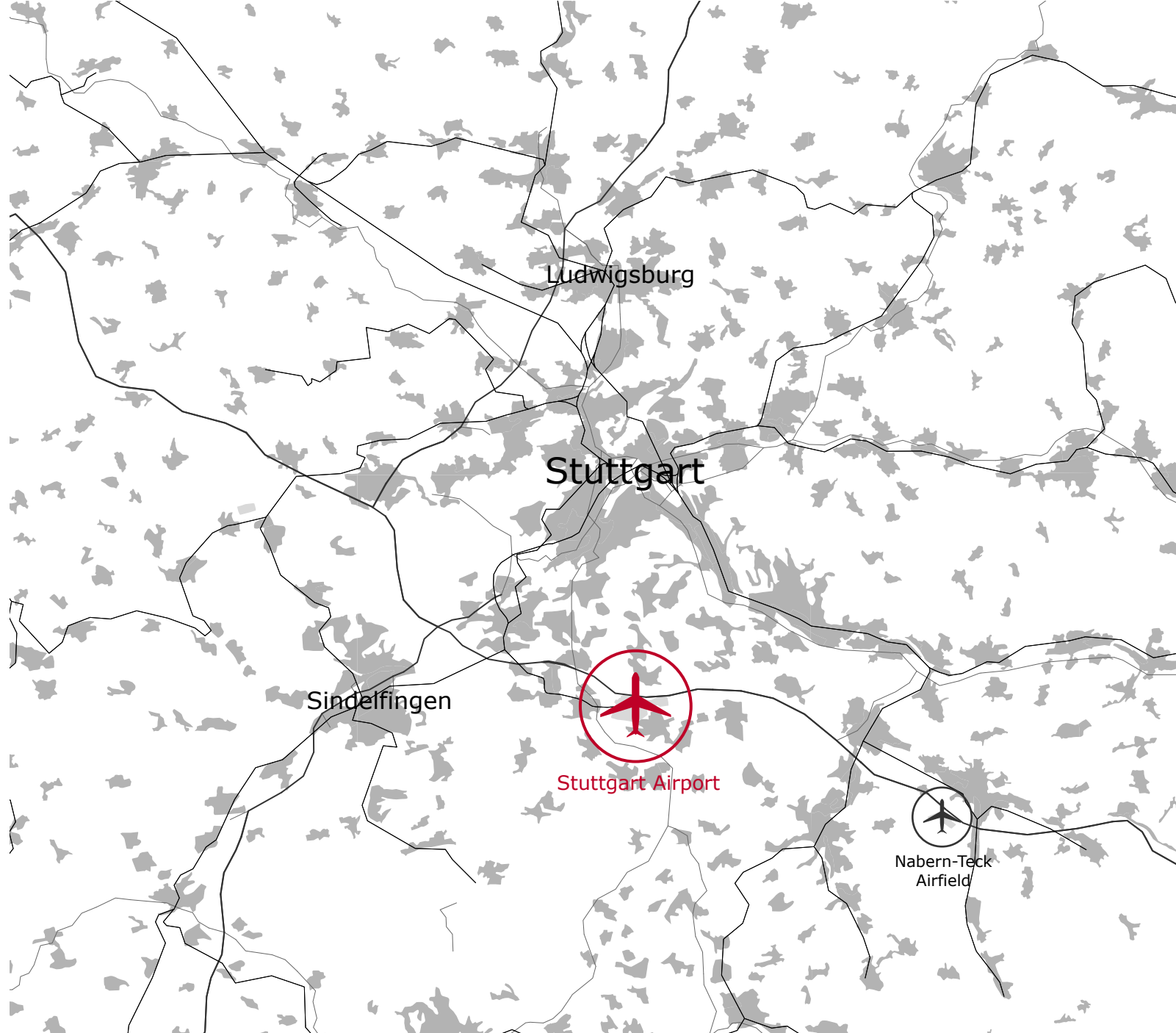
ACCESSIBILITY

-Train link: Yes					
-Nearest city: Stuttgart (13km)					
Modal split (2002)*:	Rail	Bus	Taxi	Private car	Others
*(Source: ATAG, 2003)	21%	2%	10%	60%	7%
Parking area (spaces):	10.000				
-Parking fees (euros, 2004):	1 hr	1 day	7 days		
--short term	€ 3,00	€25,50	€178,50		
--long term	free	€18,00	€ 46,00		
--P hotel	€ 3,00	€26,00	€ 77,00		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Terminal 3	Terminal	2004	Actual

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Stuttgart region

1:300.000

HAJ - HANNOVER AIRPORT (D)

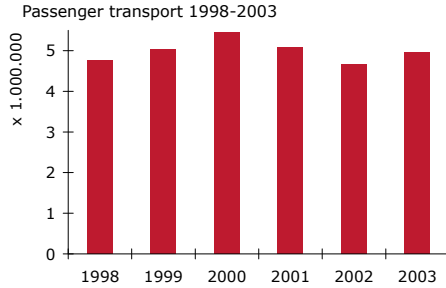
CONNECTIVITY (summer 2004)

Destinations:	121
-Scheduled flights	38
-Holiday flights	83
Airlines	27

AIR TRAFFIC (statistics 2003, x 1.000)*

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
86,4	4.962,1	5,3	9,9

*(Source: IATA, 2004)



AIRPORT-ORGANIZATION

Name / Address	Hannover Airport, D-30662 Hannover, Germany				
Website	www.flughafen.hannover.de				
IATA / ICAO code	HAJ / EDDV				
Position (LAT/LONG)	52°27'42"N / 009°41'05"E				
Opening hours	24 hours				
(Noise) restrictions	Chapter 2 aircrafts are not permitted between 22:00-06:00 No restrictions on night landings/take offs with Chapter 3 aircrafts				
Operator	Flughafen Hannover-Lagenhagen GmbH				
Employment:					
-Employed direct:	-				-Total on site (est.): -
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	3,8	16,6	3,2	15,2	6,3

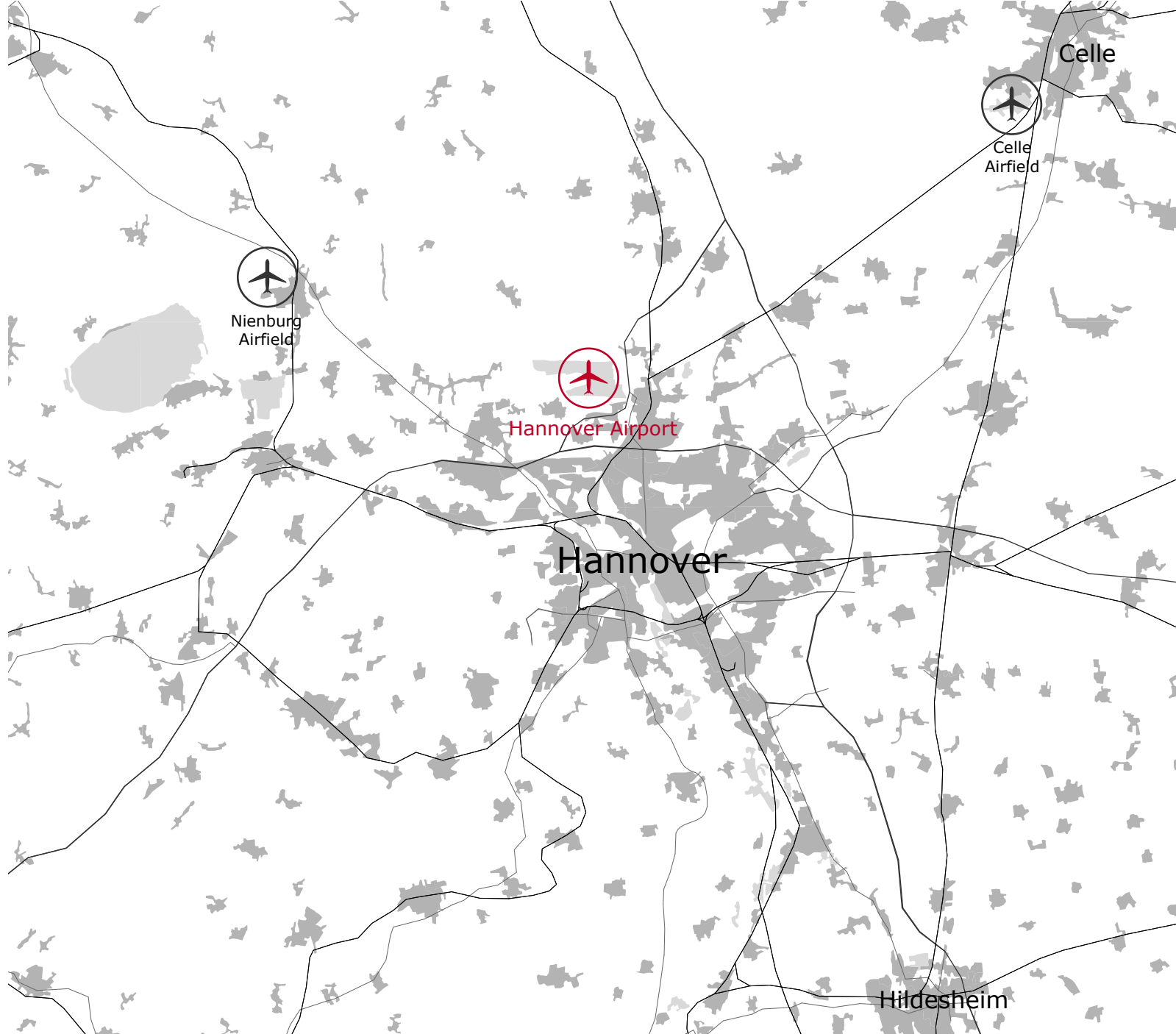
AIRPORT-INFRASTRUCTURE

Size	- (ha)				
Runways:	2 -Longest length:3.800m				
-Runway 1	Heading 09L/27R, 3,800m, Aircraft size max: All Types				
-Runway 2	Heading 09R/27L, 2,340m				
Apron (aircraft stands)	-				
Cargo terminal:	1	-Capacity cargo (tons):			100.000
Passenger terminal:	1	-Capacity passengers (annual):			4.500.000
ACCESSIBILITY	-Train link: No -Suburban railwayS5 -Nearest city:Hannover (11km)				
Modal split:	Rail	Bus	Taxi	Private car	Others
	-	-	-	-	-
Parking area (spaces):	7.151				
-Parking fees(euros, 2004)	1 hr	1 day	7 days		
--short term	€2,00				
--long term	€2,00	€12,00	€57,00		
--exclusive parking	€8,00	€18,00	€93,00		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
-			

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Hannover region

1:300.000

108 **HHN - FRANKFURT HAHN AIRPORT (D)**

CONNECTIVITY (summer 2004)

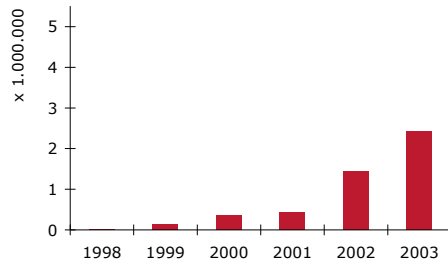
Destinations: 27
 -Scheduled flights
 -Holiday flights
 Airlines 7

AIR TRAFFIC
 (statistics 2003, x 1.000)*

*(Source: IATA, 2004)

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
31,1	2.417,1	36.575,9	0,5

Passenger transport 1998-2003



AIRPORT-ORGANIZATION

Name / Address Frankfurt-Hahn Airport, Gebäude 667, D-55483 Hahn Airport, Germany
 Website www.hahn-airport.de
 IATA / ICAO code HHN / EDFH
 Position (LAT/LONG) 49°56'54"N / 007°15'51"E
 Opening hours 24 hours
 (Noise) restrictions night curfew for Chapter 2 aircraft 22:00-06:00 hrs
 Operator Flughafen Frankfurt-Hahn GmbH
 Employment (2003)*: *(Source, website airport, 2004)
 -Employed direct: - -Total on site (est.): 2.266
 Potential market area 1hr by car 2hrs by car 1hr by train 2hrs by train weighted with distance decay
 (2004, x 1 million pax): 2,6 21,0 0,2 2,1 7,3

AIRPORT-INFRASTRUCTURE

Size - (ha)
 Runways: 1 -Longest length: 3.040m
 -Runway 1 Heading 03/21, 3.040m, Aircraft size max: AN-124, B747, AN225
 Apron (aircraft stands) 19
 Cargo terminal: 4 -Capacity cargo (tons): 45.000
 Passenger terminal: 2 -Capacity passengers (annual): 5.000.000

ACCESSIBILITY

-Train link: No -Bus link: region bus -Nearest city: Mainz (60km)
 Modal split: Rail Bus Taxi Private Car Others
 - - - - -

Parking area (spaces): 9.219
 -Parking fees (euros, 2004): 2 hrs 1 day 7 days
 --short term € 1,50 €15,00 €105,00
 --long term € 1,50 € 5,00 € 25,00

PLANNED AIRPORT DEVELOPMENT

-Projects: -Additional capacity: -Year operation: -Status:
 Extension runway to 3800m + Apron Runway, APRON ? Planned
 Additional terminal facilities (shops, restaurants and post office) Terminal 2004 Planned
 Hotel building next to terminal Terminal 2005 Planned
 Comments: Masterplan for development airport for the future.

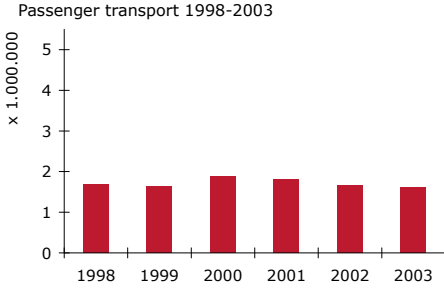
-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Hahn region

1:300.000

BRE-BREMEN AIRPORT (D)



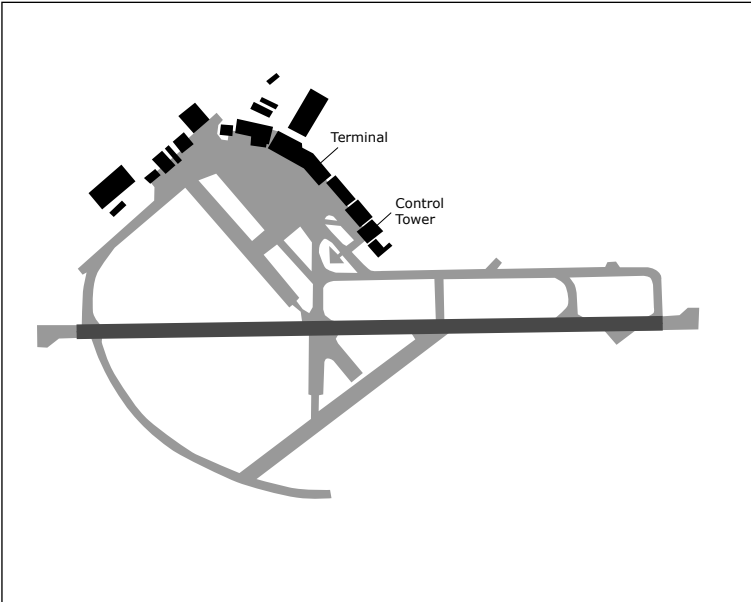
CONNECTIVITY (summer 2004)

Destinations:	60
-Scheduled flights	35
-Holiday flights	25
Airlines	15

AIR TRAFFIC (statistics 2003, x 1.000)*

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
42,8	1.612,9	1,2	1,1

*(Source: IATA, 2004)



AIRPORT-ORGANIZATION

Name / Address	Bremen Airport, Flughafenallee 20, Bremen, D-28199, Germany				
Website	www.airport-bremen.de				
IATA / ICAO code	BRE / EDDW				
Position (LAT/LONG)	53°02'48"N / 008°47'12"E				
Opening hours	06:00-22:30 hrs; Chapter 2 of 07:00-22:00 hrs				
(Noise) restrictions	-				
Operator	Flughafen Bremen GmbH				
Employment (2002)*:	*(Source: ATAG, 2003)				
-Employed direct:	254		-Total on site (est.):	2.000	
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	3,0	16,7	1,9	11,2	5,6

AIRPORT-INFRASTRUCTURE

Size	316 ha		
Runways:	1	-Longest length:3.000m	
-Runway 1	Heading 09/27, 3.000m, Aircraft size max: No limit		
Apron (aircraft stands)	29		
Cargo terminal:	1	-Capacity cargo (tons):	-
Passenger terminal:	3	-Capacity passengers (annual):	-

ACCESSIBILITY

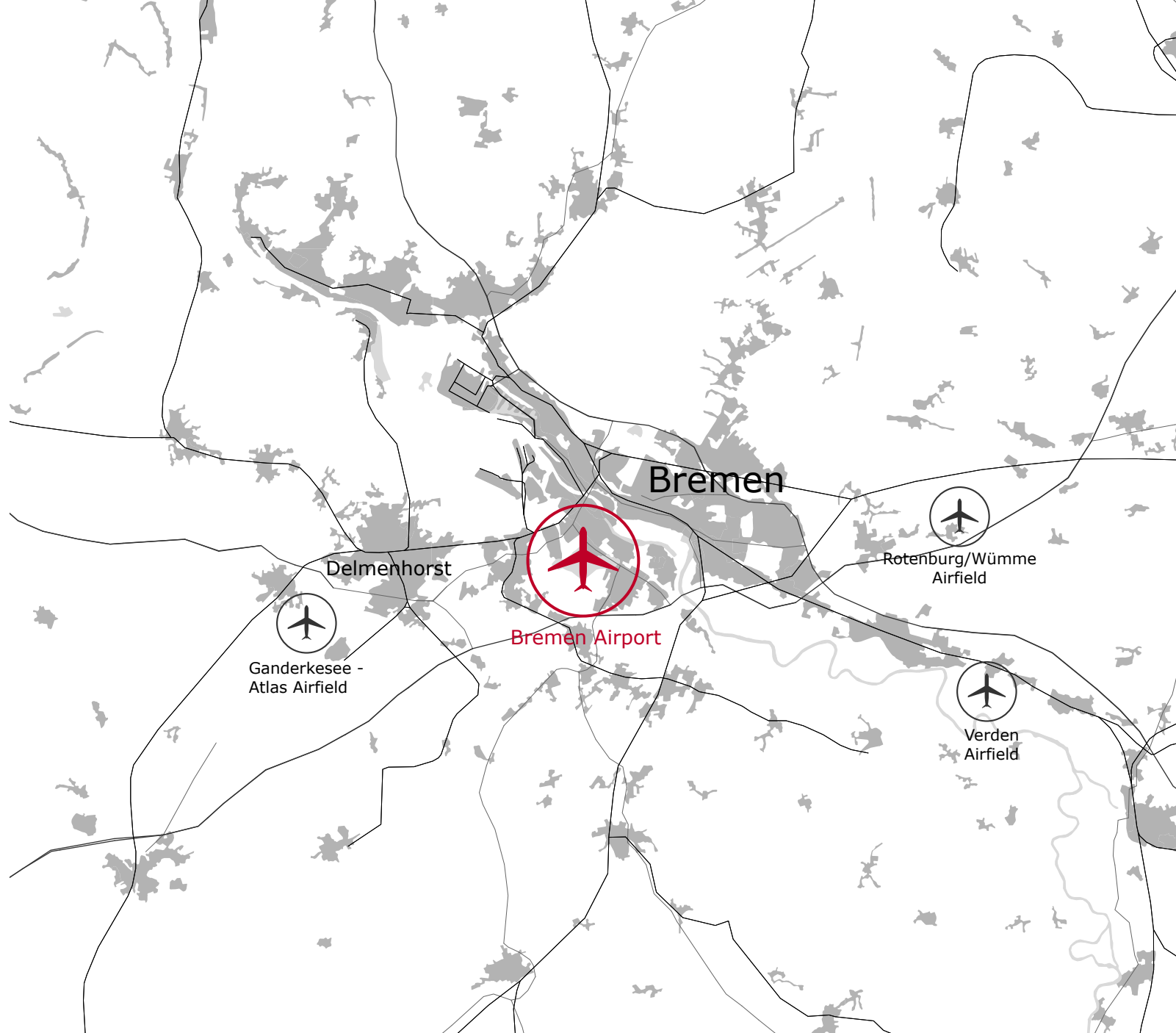
-Train link:	No	-Bus Link:	-	-Nearest city:	Bremen (4km)
Modal split:	Rail	Bus	Taxi	Private car	Others
	-	-	-	-	-

Parking area (spaces):	4.450		
-Parking fees (euros, 2004):	1 hr	1 day	14 days
--short/long term	-	-	-
--holiday parking	€35,00		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Fuel station	Others	?	Planned
Parking garage	Terminal	?	Planned
Fire Brigade Building	Others	?	Planned

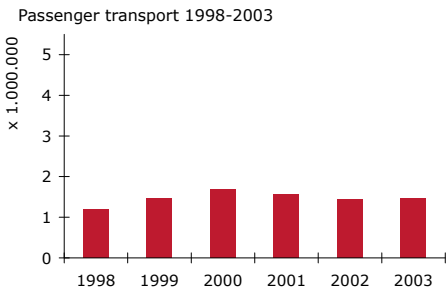
-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Bremen region

1:300.000

112 FMO - MÜNSTER- OSNABRÜCK AIRPORT (D)



CONNECTIVITY (summer 2004)

Destinations:	43
-Scheduled flights	7
-Holiday flights	36
Airlines (charters)	4 (8)

AIR TRAFFIC (statistics 2003, x 1.000)*

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
45,9	1.465,9	0,1	0,7

*(Source: IATA, 2004)

AIRPORT-ORGANIZATION

Name / Address	Münster-Osnabrück Airport, Hüttruper Heide 71-81, D-48268 Greven, Germany				
Website	www.fmo.de				
IATA / ICAO code	FMO / EDDG				
Position (LAT/LONG)	52°08' 10"N / 007°41' 09"E				
Opening hours	24 hours				
(Noise) restrictions	only chapter 3 are allowed from 22:00-06:00 hrs				
Operator	FMO Airport Services GmbH				
Employment (2002)*:	*(Source: ATAG, 2003)				
-Employed direct:	336				-Total on site (est.): 2.000
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	6,7	29,1	1,3	15,1	10,1

AIRPORT-INFRASTRUCTURE

Size	- (ha)	
Runways:	1	-Longest length: 2.170m
-Runway 1	Heading 07/25, 2.170m, Aircraft size max: B747	
Apron (aircraft stands)	25	
Cargo terminal:	1	-Capacity cargo (tons): 10.000
Passenger terminal:	1	-Capacity passengers (annual): -

ACCESSIBILITY

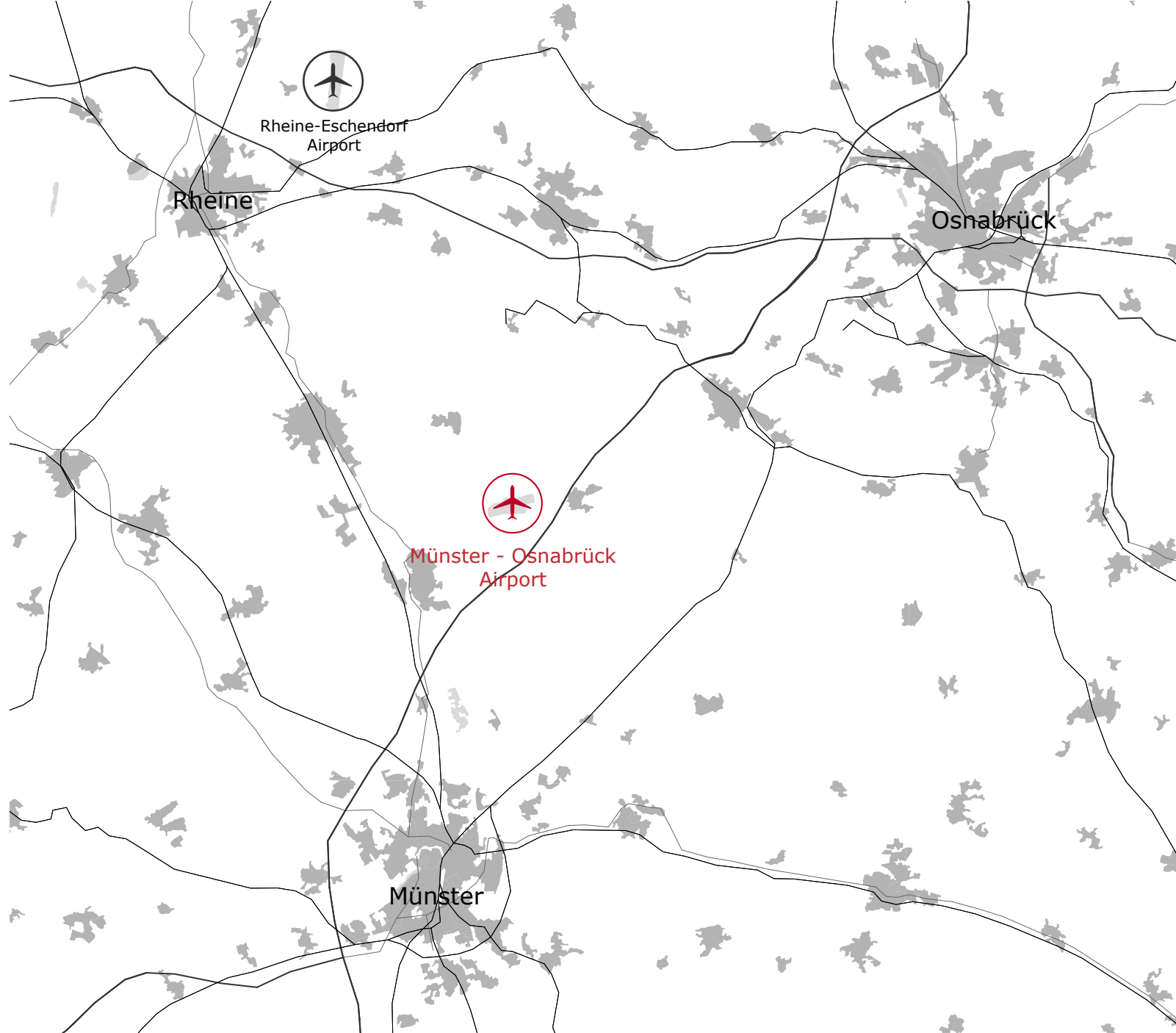
Modal split (2002)*:	Rail	Bus	Taxi	Private car	Others
*(Source: ATAG, 2003)	-	7%	7%	86%	-
Parking area (spaces):	8.000				
-Parking fees(euros, 2004):	2 hr	1 day	7 days		
--short term	€ 1,50	€12,00	€84,00		
--long term	€ 1,50	€ 4,00	€19,00		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Extension runway to 3.600m*	Runway	?	Planned
New maintenance aircraft hangar	Others	2003	Actual

*Comments: Extension runway to 3,600m will allow international traffic.

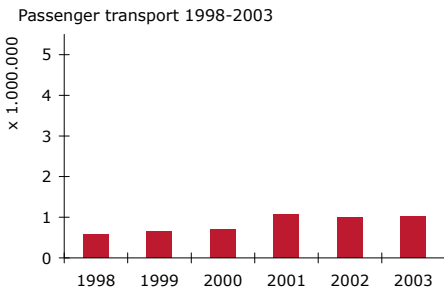
-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Münster region

1:300.000

DTM-DORTMUND AIRPORT (D)



CONNECTIVITY (summer 2004)

Destinations: 47

-Scheduled flights

-Holiday flights

Airlines 13

AIR TRAFFIC (statistics 2003, x 1.000)*

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
37,5	1.023,3	5,3	0

*(Source: IATA, 2004)

AIRPORT-ORGANIZATION

Name / Address Dortmund Airport, Germany, Flugplatz 7-9, D-44319 Dortmund

Website www.flughafen-dortmund.de

IATA / ICAO code DTM / APXH

Position (LAT/LONG) 51°31'11"N / 007°36'47"E

Opening hours 06:00-22:00

(Noise) restrictions No night flights

Operator Flughafen Dortmund GmbH

Employment (2004): (Source, website airport, 2004)

-Employed direct: -Total on site (est.): 1.338

Potential market area 1hr by car 2hrs by car 1hr by train 2hrs by train weighted with distance decay
(2004, x 1 million pax): 13,1 33,6 8,5 24,1 13,1

AIRPORT-INFRASTRUCTURE

Size - (ha)

Runways: 1 -Longest length: 2.000m

-Runway 1 Heading 06/24, 2,000m, Aircraft size max: 75t

Apron (aircraft stands) 6

Cargo terminal: 1 -Capacity cargo (tons): 7.000

Passenger terminal: 1 -Capacity passengers (annual): 2.500.000

ACCESSIBILITY

-Train link: No -Bus link: Shuttlebus -Nearest city: Dortmund(10km)

Modal split: Rail Bus Taxi Private car Others

- - - - -

Parking area (spaces): 3.100

-Parking fees(euros, 2004): 1 hr 1 day 7 days

--short term €2,00 €24,00

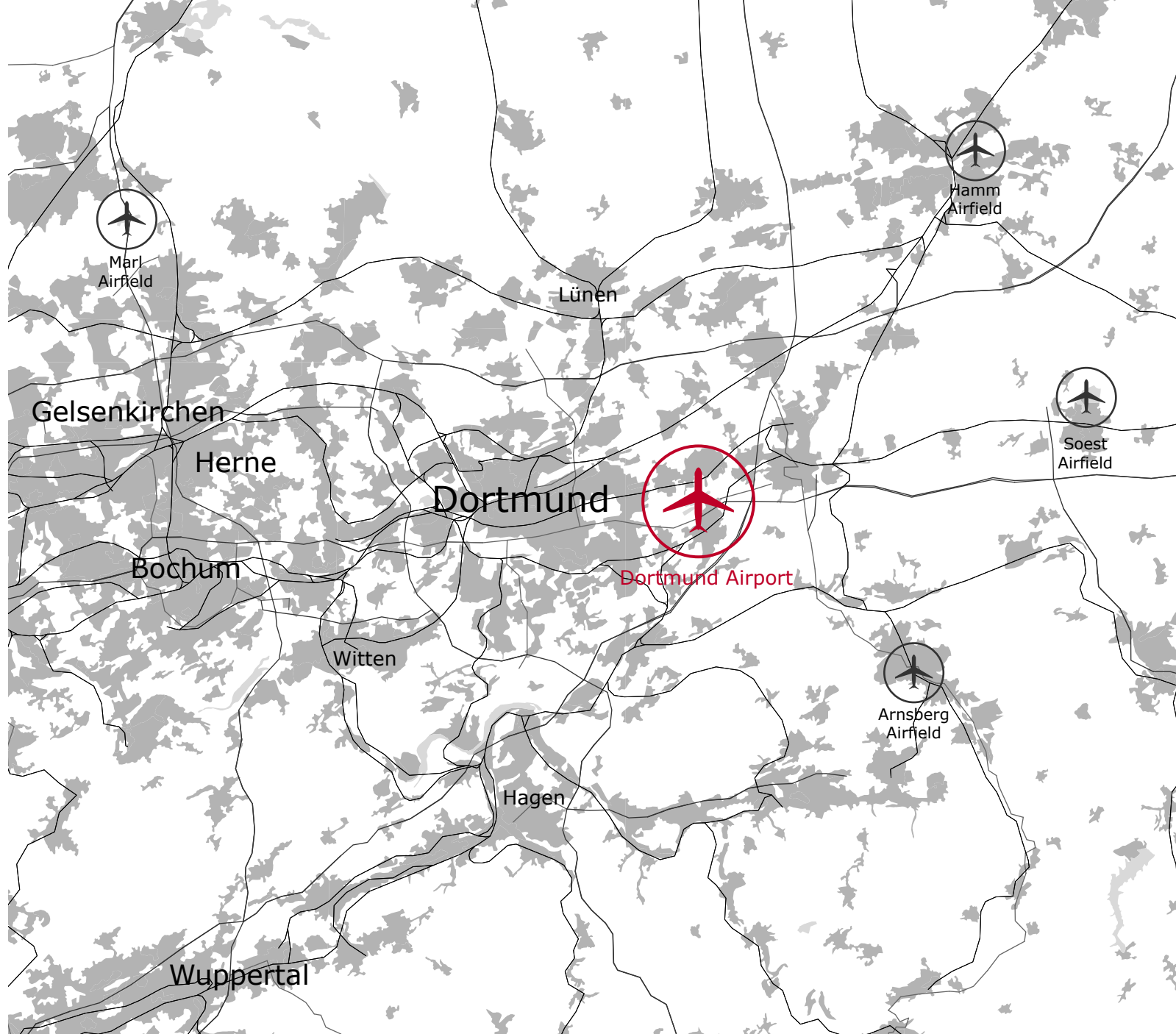
--long term €1,00 € 4,00 € 20,00

PLANNED AIRPORT DEVELOPMENT

-Projects: -Additional capacity: -Year operation: -Status:
new cargo centre Cargo 2004 Completed

Comments: 2000: completion of and commencement of operations in new terminal and extension of runway to 2,000 metres.

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Dortmund region

1:300.000

116 NRN-AIRPORT DÜSSELDORF REGIONAL (WEEZE) (D)

AIRPORT-ORGANIZATION

*new name as of 11-2004, formerly 'Airport Niederrhein'

Name / Address Airport Düsseldorf Regional (Weeze)*, Flughafen-Ring 60, D-47652 Weeze, Germany

Website www.duesseldorf-regional-weeze.de

IATA / ICAO code NRN / EDLV

Position (LAT/LONG) 51°36'14"N / 006°08'53"E

Opening hours Summer 04:00-20:00 hrs, weekend/holyday 11:00-13:00 hrs; Winter 05:00-21:00 hrs, weekend/holyday 12:00-14:00 hrs

(Noise) restrictions -

Operator Airport Düsseldorf -Prefecture Weeze GmbH

Employment (2004)*: *(Source: website airport, 2004)

-Employed direct: - -Total on site (est.): 300

Potential market area 1hr by car 2hrs by car 1hr by train 2hrs by train weighted with distance decay

(2004, x 1 million pax): 9,4 38,1 0,8 15,4 12,2

Comments: Former military base; from May 2003 operate as new commercial civil airport for flights of low-cost airlines.

AIRPORT-INFRASTRUCTURE

*(Source: website airport, 2004)

Size - (ha)

Runways: 1 -Longest length: 2.440 m

-Runway 1 Heading 09/27, 2.440m

Apron (aircraft stands) -

Cargo terminal: - -Capacity cargo (tons): -

Passenger terminal: 1 -Capacity passengers (annual): 2.500.000

ACCESSIBILITY -Train link: No -Bus link: Shuttlebus -Nearest city: Weeze (7km)

Modal split (2002)*: Rail Bus Taxi Private car Others

*(Source: ATAG, 2003)

Parking area (spaces): 1.000

-Parking fees (euros, 2004): 1 hr 1 day 7 day

--short term € 1,50 €10,00 €70,00

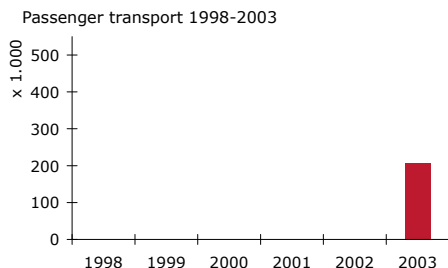
--long term € 1,00 € 6,00 €30,00

PLANNED AIRPORT DEVELOPMENT

-Projects: -Additional capacity: -Year operation: -Status:

-

Comments: Airport has been renovated in 2003 to become a commercial civil airport.



CONNECTIVITY (summer 2004)

Destinations: 14

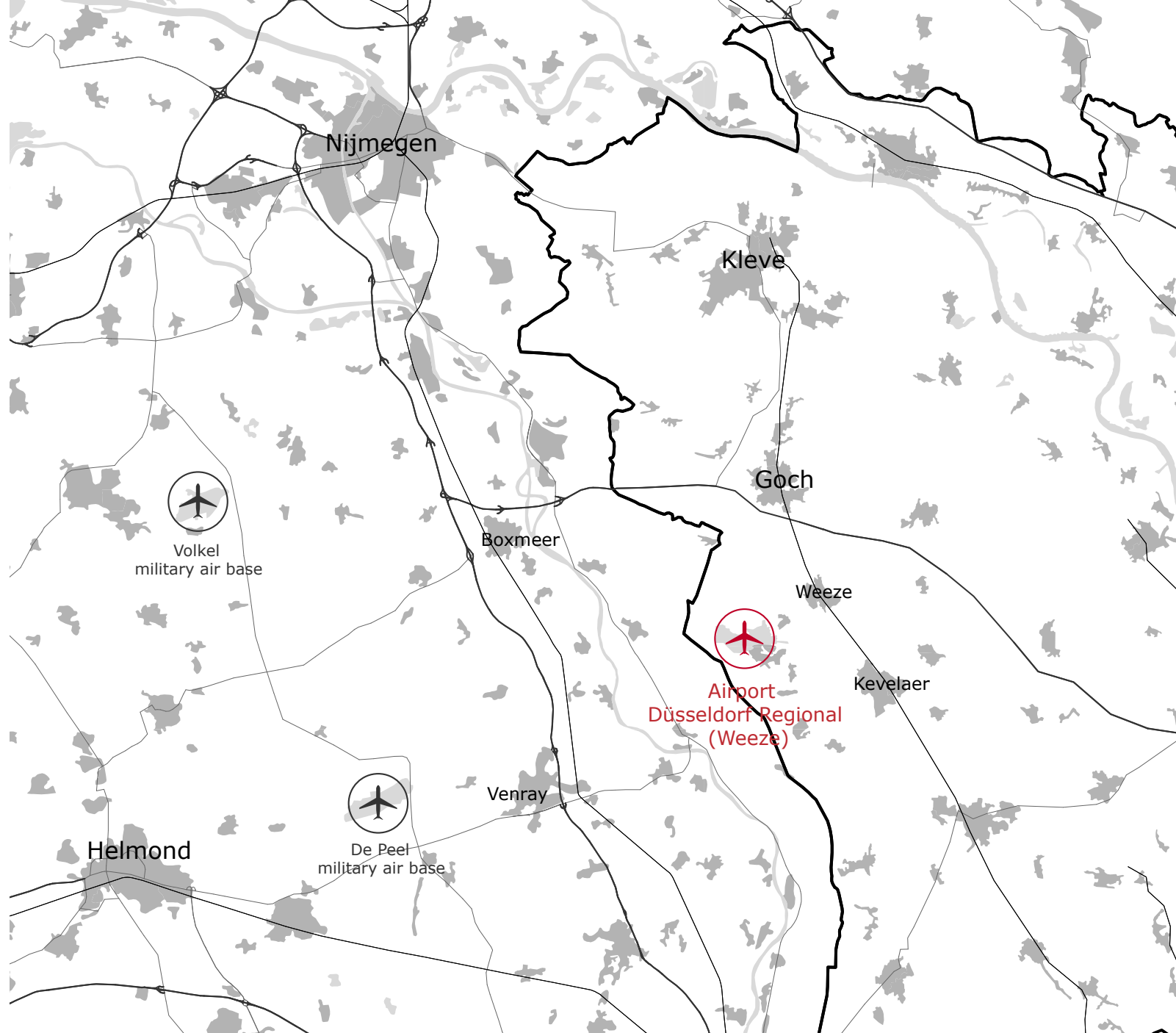
-Scheduled flights 5

-Holiday flights 9

Airlines 5

AIR TRAFFIC (statistics 2003, x 1.000)*	Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
*(Source: ADV-net, 2004)	3,5	208,1	-	0

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Weeze region

1:300.000

118 MGL-DÜSSELDORF AIRPORT -MÖNCHENGLADBACH (D)

CONNECTIVITY (summer 2004)

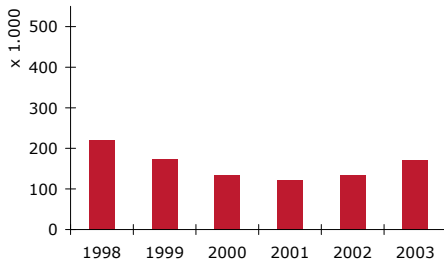
Destinations:	2
-Scheduled flights	2
-Holiday flights	
Airlines	-

AIR TRAFFIC (statistics 2003, x 1.000)*

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
59,8	169,8	0,3	0

*(Source: ITA, 2004)

Passenger transport 1998-2003



AIRPORT-ORGANIZATION

Name / Address	Düsseldorf Airport-Mönchengladbach, Flughafenstraße 95, D-41066 Mönchengladbach, Germany				
Website	www.mgl.de				
IATA / ICAO code	MGL / EDLN				
Position (LAT/LONG)	51°13'54"N / 006°30'19"E				
Opening hours	06:00-22:00 hrs				
(Noise) restrictions	-				
Operator	Flughafen Mönchengladbach GmbH				
Employment:					
-Employed direct:	-		-Total on site (est.):	-	
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	12,6	27,3	8,3	22,0	13,8

AIRPORT-INFRASTRUCTURE

Size	116 (ha)			
Runway:	1	-Longest length:	1.200 m	
-Runway 1	Heading, 1.200m			
Apron (aircraft stands)	6			
Cargo terminal:	1	-Capacity cargo (tons):	-	
Passenger terminal:	2	-Capacity passengers (annual):	600.000	

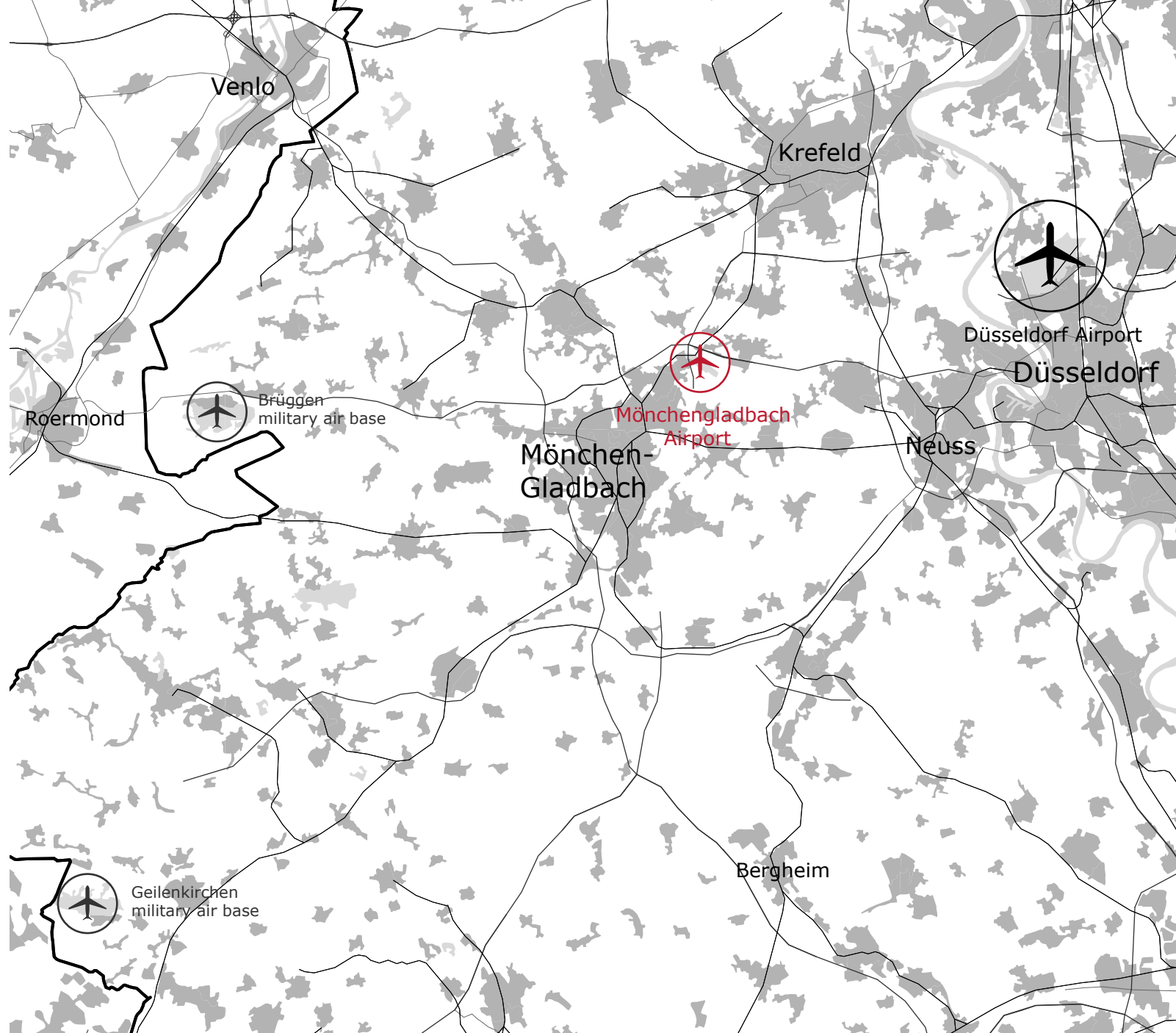
ACCESSIBILITY

	-Train link:No -Bus link:Bus 010 -Nearest city:Düsseldorf (20km)				
Modal split (2002)*:	Rail	Bus	Taxi	Private car	Others
*(Source: ATAG, 2003)	-	-	-	-	-
Parking area (spaces):	900				
-Parking tariffs(euros, 2004)	1 hr	1 day	7 days		
--short/long term	free	€4,00	€27,00		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Extension runway to 2.340 m	Runway	2006	Planned
new passenger terminal (3 million pax)	Terminal	2006	Planned

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Mönchengladbach
region

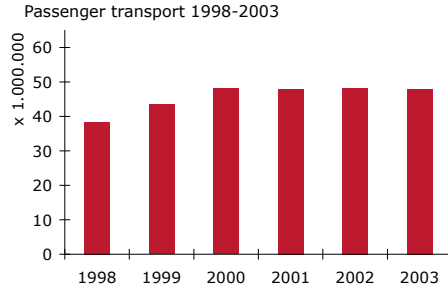
1:300.000



Selection of airports in France

F

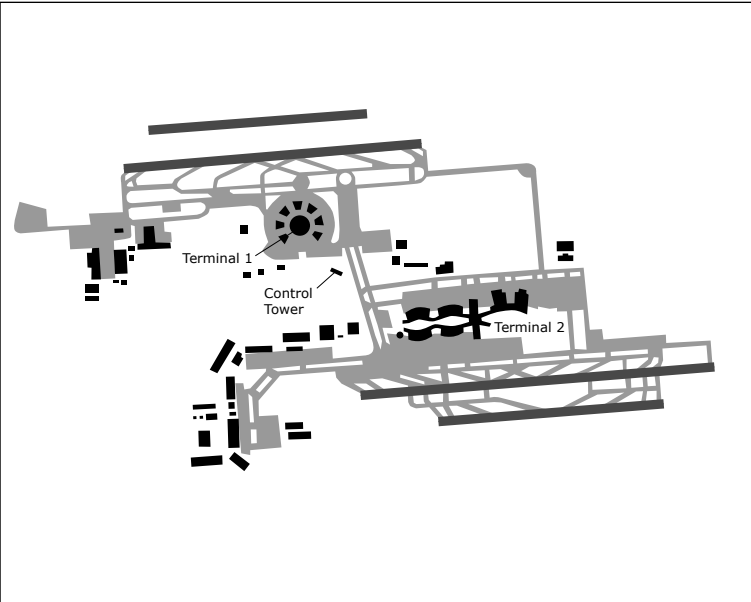
122 CDG - PARIS CHARLES DE GAULLE AIRPORT (F)



CONNECTIVITY (summer 2004)

Destinations: -
 -Scheduled flights
 -Holiday flights
 Airlines -

AIR TRAFFIC (statistics 2003, x 1.000)*	Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
*(Source: IATA, 2004)	515,0	48.028,3	1.496,8	226,8



AIRPORT-ORGANIZATION

Name / Address	Paris Charles-de-Gaulle Airport, BP 20101, F-95711 Roissy-Charles-de-Gaulle cedex, France				
Website	www.adp.fr				
IATA / ICAO code	CDG / LFPG				
Position (LAT/LONG)	49°00' 35"N / 002°32' 55"E				
Opening hours	24 hours				
(Noise) restrictions	Chapter 2 aircrafts are not allowed				
Operator	Aéroports de Paris				
Employment (2002)*:	*(Source: ATAG, 2003)				
-Employed direct:	4.044				-Total on site (est.): 71.900
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	12,2	20,6	11,1	23,4	11,7

AIRPORT-INFRASTRUCTURE

Size	3.238 ha			
Runways:	4	-Longest length: 3.600m		
-Runway 1	Heading 09R/27L, 4.200m, Aircraft size max: No size restriction			
-Runway 2	Heading 09L/27R, 2.700m, Aircraft size max: No size restriction			
-Runway 3	Heading 08R/26L, 2.700m			
-Runway 4	Heading 08L/26R, 4.215m			
Apron (aircraft stands)	212			
Cargo terminal:	6	-Capacity cargo (tons):	2.000.000	
Passenger terminal:	3	-Capacity passengers (annual):	35.000.000	

ACCESSIBILITY

-Train link:	Yes	-Nearest city: Paris (27km)			
Modal split (2002)*:	Rail	Bus	Taxi	Private car	Others
*(Source: ATAG, 2003)	20%	10%	37%	30%	-
Parking area (spaces):	18.898				
-Parking fees (euros, 2004):	1 hr	1 day	7 days		
--short term	€ 2,60	€ 21,20	€ 148,40		
--long term	€ 2,60	€ 11,30	€ 79,10		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Terminal 2E+2F, extension satellite	APRON, Terminal	2006	Planned

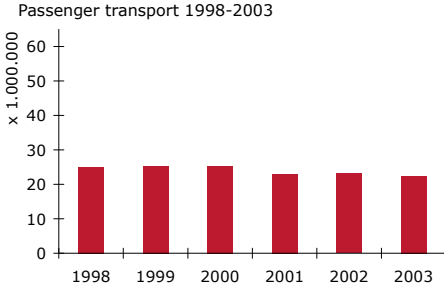
-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Paris region

1:300.000

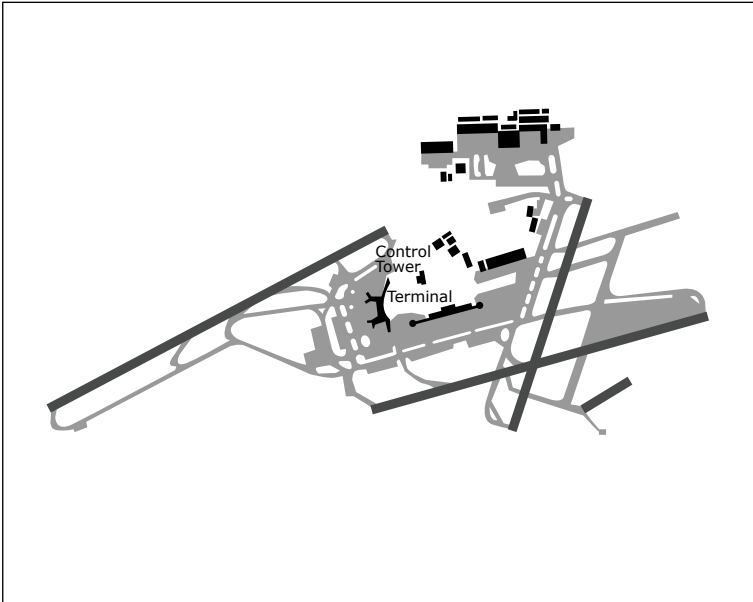
ORY - PARIS ORLY AIRPORT (F)



CONNECTIVITY (summer 2004)

Destinations: -
 -Scheduled flights
 -Holiday flights
 Airlines -

AIR TRAFFIC (statistics 2003, x 1.000)*	Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
*(Source: IATA, 2004)	206,8	22.450,6	92,5	13,3



AIRPORT-ORGANIZATION

Name / address	Paris Orly Airport, Orly Sud 103, F-94396 Orly Aéroport Cedex, France				
Website	www.adp.fr				
IATA / ICAO code	ORY / LFPO				
Position (LAT/LONG)	48°43'00"N / 002°23'00"E				
Opening hours	06.00-23.30 hrs				
(Noise) restrictions	night curfew				
Operator	Aéroports de Paris				
Employment (2002)*:	*(Source: ATAG, 2003)				
-Employed direct:	3.812		-Total on site (est.):	31.230	
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	12,4	18,5	10,6	17,3	12,0

AIRPORT-INFRASTRUCTURE

Size (ha)	1.530 ha	
Runway:	3	-Longest length: 3.650m
-Runway 1	Heading 07/25, 3.650m, Aircraft size max: No restrictions	
-Runway 2	Heading 08/26, 3.320m, Aircraft size max: No restrictions	
-Runway 3	Heading 02L/20R, 2.400m, Aircraft size max: No restrictions	
Apron (aircraft stands)	116	
Cargo terminal:	2	-Capacity cargo (tons): 800.000
Passenger terminal:	2	-Capacity passengers (annual): 30.000.000

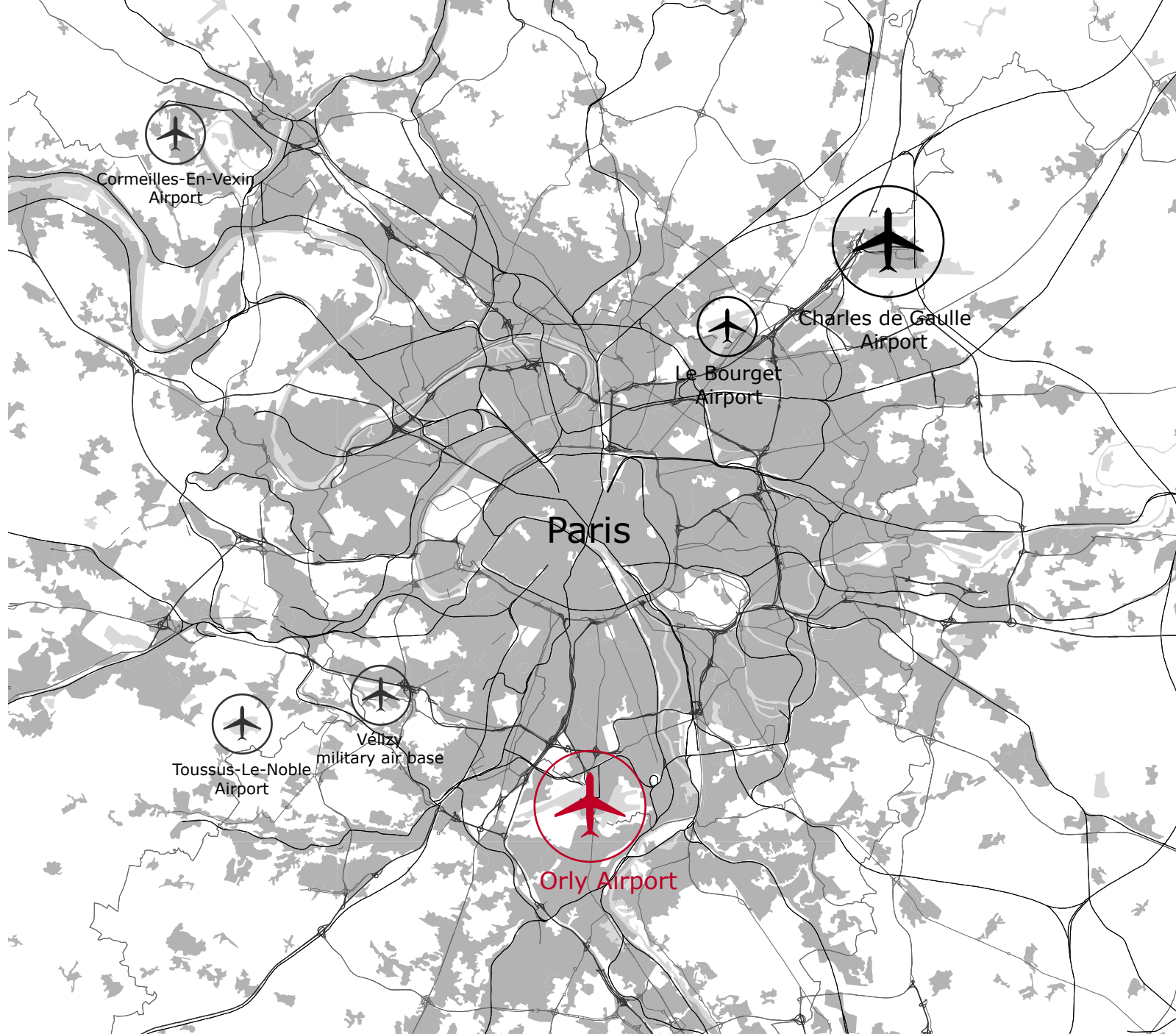
ACCESSIBILITY

Modal split (2002)*:	Rail	Bus	Taxi	Private car	Others
*(Source: ATAG, 2003)	13%	16%	27%	43%	-
Parking area (spaces):	14.891				
-Parking tariffs (euros, 2004)	1 hr	1 day	7 days		
--short term	€ 2,50	€ 20,00	€ 140,00		
--long term	€ 2,40	€ 13,40	€ 93,80		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Orly South-adaption of parking for wide-body aircraft	APRON	2003	Actual

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Paris region

1:300.000

BVA- PARIS BEAUVAIS-TILLE AIRPORT (F)

CONNECTIVITY (summer 2004)

Destinations: 13

-Scheduled flights

-Holiday flights

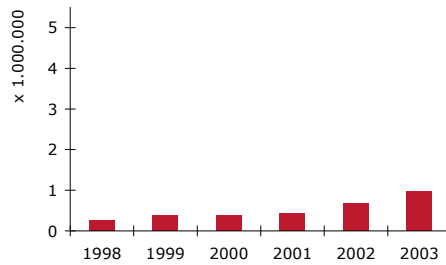
Airlines 3 (lc-airlines)

AIR TRAFFIC (statistics 2003, x 1.000)*

*(Source: IATA, 2004)

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
28,5	968,6	0,1	0

Passenger transport 1998-2003



AIRPORT-ORGANIZATION

Name / Address Beauvais-Tillé Airport, F-60000 Beauvais, France

Website www.aeroportbeauvais.com

IATA / ICAO code BVA / LFOB

Position (LAT/LONG) 50°34'00"N / 003°06'00"E

Opening hours -

(Noise) restrictions -

Operator -

Employment:

-Employed direct: - -Total on site (est.): -

Potential market area 1hr by car 2hrs by car 1hr by train 2hrs by train weighted with distance decay
(2004, x 1 million pax): 10,4 20,5 0,3 14,3 8,0

AIRPORT-INFRASTRUCTURE

Size - (ha)

Runways: 2 -Longest length: 2.430 m

-Runway 1 Heading 13/31, 2,430m (7,972ft)

-Runway 2 Heading 05/23, 1,105m (3,625ft)

Apron (aircraft stands) -

Cargo terminal: -

-Capacity cargo (tons): -

Passenger terminal: 2

-Capacity passengers (annual): 500.000

ACCESSIBILITY

-Train link: No -Bus link: Shuttlebus -Nearest city: Paris (?km)

Modal split (2002)*: Rail Bus Taxi Private car Others

*(Source: ATAG, 2003)

Parking area (spaces): -

-Parking fees (euros, 2004): 1 hr 1 day 7 days

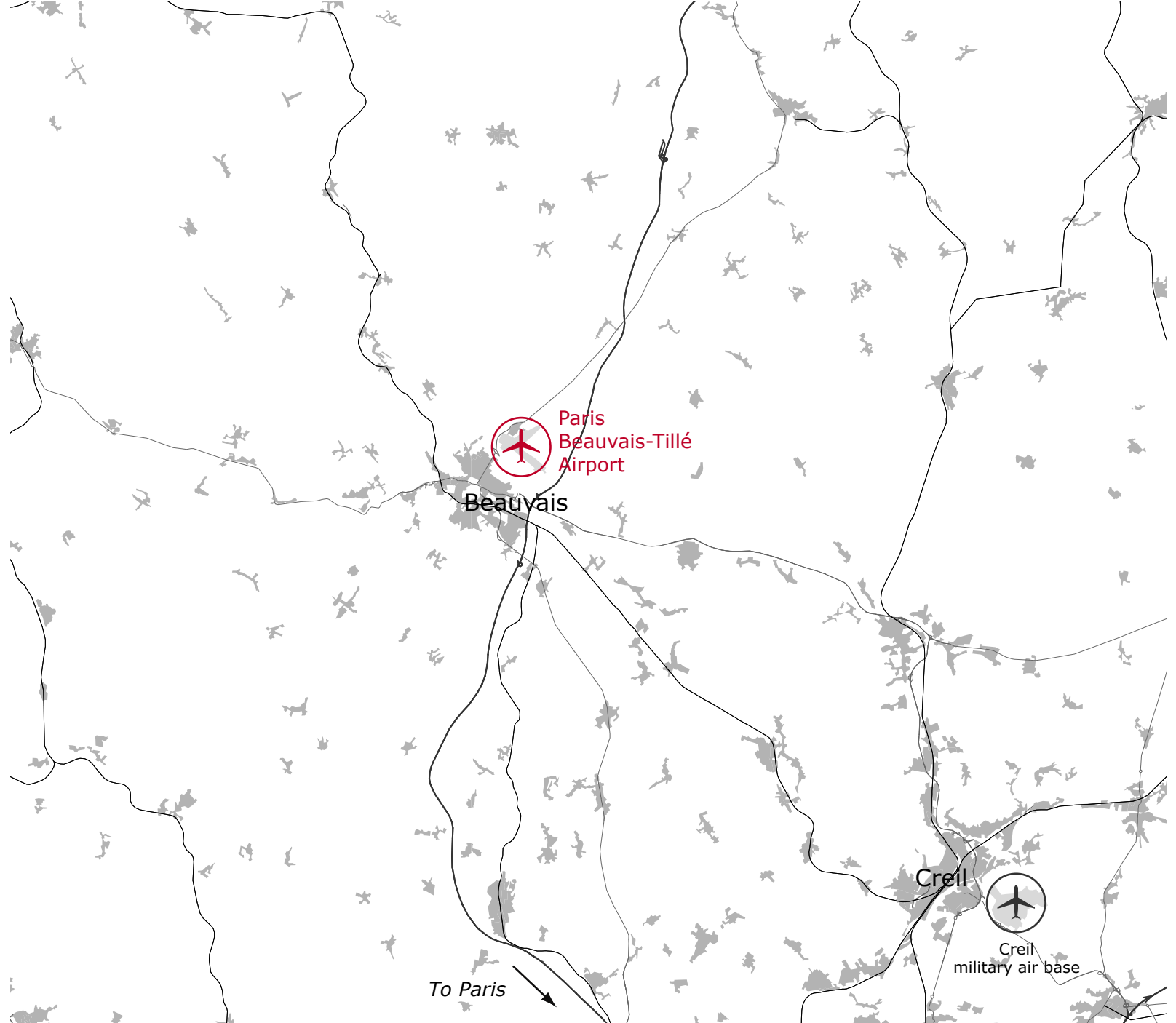
--short term €2,00 €18,00 €53,00

--long term €2,00 €15,00 €43,00

PLANNED AIRPORT DEVELOPMENT

-Projects: -Additional capacity: -Year operation: -Status:
New terminal Terminal 2005 Planned

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Beauvais region

1:300.000

To Paris

Creil
military air base

LIL - LILLE AIRPORT (F)

CONNECTIVITY (summer 2004)

Destinations: 9(direct) 33(indirect)

-Scheduled flights

-Holiday flights

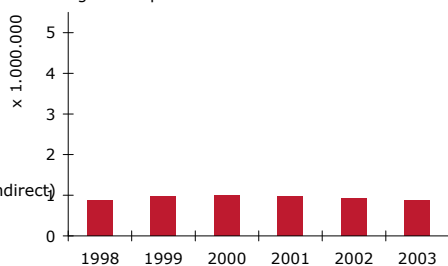
Airlines (charters) 5 (11)

AIR TRAFFIC (statistics 2003, x 1.000)*

*(Source: IATA, 2004)

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
35,2	870,5	0,5	0

Passenger transport 1998-2003



AIRPORT - ORGANIZATION

Name / Address	Lille Airport, PO Box 227, F-59812 Lesquin Cedex, France				
Website	www.lille.aeroport.fr				
IATA / ICAO code	LIL / LFQQ				
Position (LAT/LONG)	50°34'00"N / 003°06'00"E				
Opening hours	24 hours				
(Noise) restrictions	None				
Operator	Aéroport de Lille				
Employment:					
-Employed direct:	-		-Total on site (est.):	-	
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	6,9	22,2	5,2	27,4	8,5

AIRPORT-INFRASTRUCTURE

Size	- (ha)	
Runways:	2	-Longest length: 2.825m
-Runway 1	Heading 08/26, 2.825m, Aircraft size max: All types	
-Runway 2	Heading 02/20, 1.600m	
Apron (aircraft stands)	11	
Cargo terminal:	1	-Capacity cargo (tons): -
Passenger terminal:	2	-Capacity passengers (annual): 1.500.000

ACCESSIBILITY

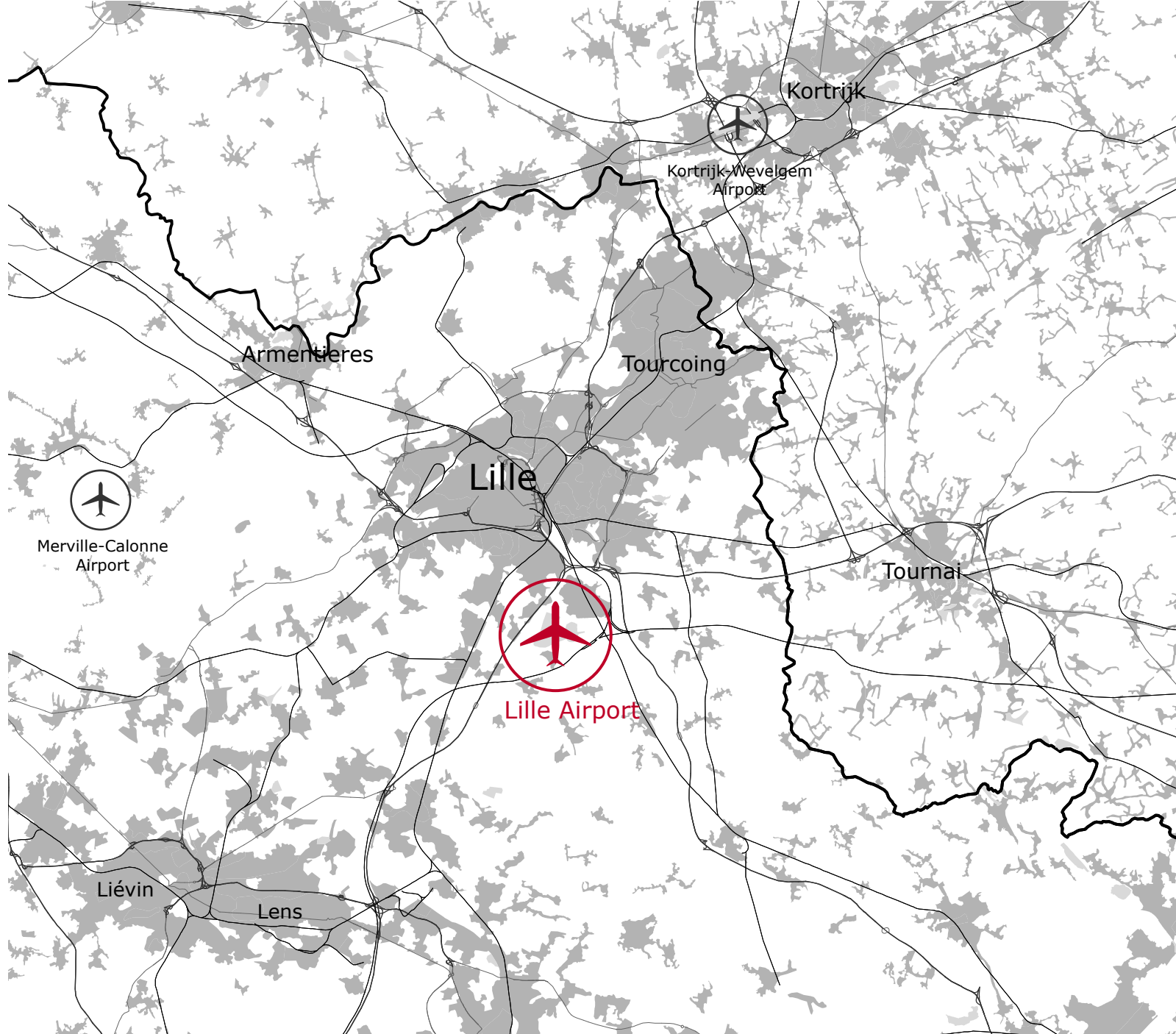
	-Train link: No	-Bus link: Shuttlebus			-Nearest city: Lille (10km)
Modal split (2002)*:	Rail	Bus	Taxi	Private Car	Others
*(Source: ATAG, 2003)	-	-	-	-	-
Parking area (spaces):	1.287				
-Parking fees(euros, 2004)	1 hr	1 day	7 days		
--short/long term	€ 1,00	€18,00	€48,00		
--parking car hotel		€20,00	€69,00		

PLANNED AIRPORT DEVELOPMENT

-Projects: -Additional capacity: -Year operation: -Status:

-

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Lille region

1:300.000



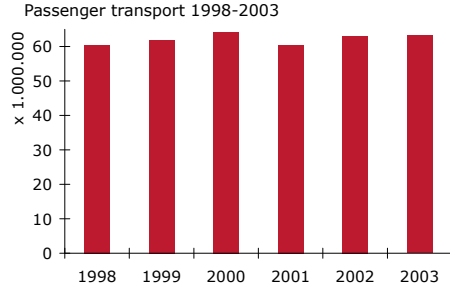
Selection of airports in Great Britain

GB

136 **LHR - LONDON HEATHROW AIRPORT (GB)**

AIRPORT-ORGANIZATION

Name / Address	London Heathrow Airport, 234 Bath Road, Hayes, Middx, UB3 5AP, Great Britain			
Website	www.baa.co.uk/main/airports/heathrow			
IATA / ICAO code	LHR / EGLL			
Position (LAT/LONG)	51°28'39"N / 000°27'41"W			
Opening hours	24 hours with night restrictions			
(Noise) restrictions	night(23.30-06.00) restricted to 5800 movements/scheduling year; QC5.16 banned on departing during night periods; QC32 full banned			
Operator	BAA plc - Heathrow Airport Ltd			
Employment (2004)*:	*(Source: website airport, 2004)			
-Employed direct:	4.100	-Total on site (est.):	71.000	
Potential market area	1hr by car	2 hr by car	1hr by train	2hrs by train
(2004, x 1 million pax):	14,8	24,4	11,4	21,5
	weighted with distance decay			
	14,3			



CONNECTIVITY (summer 2004)

Destinations:	190
-Scheduled flights	190
-Holiday flights	
Airlines	89

AIR TRAFFIC (statistics 2003, x 1.000)*	Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
*(Source: IATA, 2004)	462,4	63.207,9	1.223,4	76,9

AIRPORT-INFRASTRUCTURE

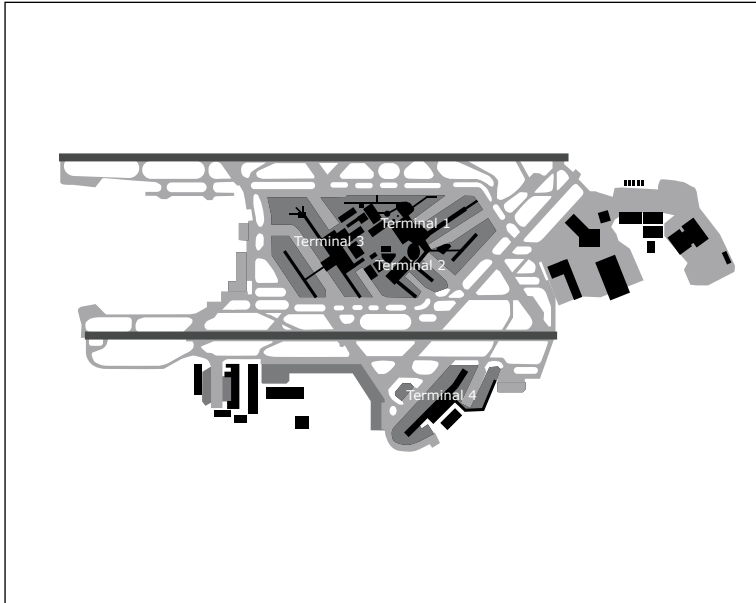
Size	1.117 ha		
Runways:	-Longest length: 3.902m		
-Runway 1	Heading 09R/27L, 3.902m		
-Runway 2	Heading 09L/27R, 3.658m		
-Runway 3	Heading 05/23, 2.357m		
Apron (aircraft stands)	200		
Cargo terminal:	4	-Capacity cargo (tons):	800.000
Passenger terminal:	4	-Capacity passengers (annual):	60.000.000

ACCESSIBILITY

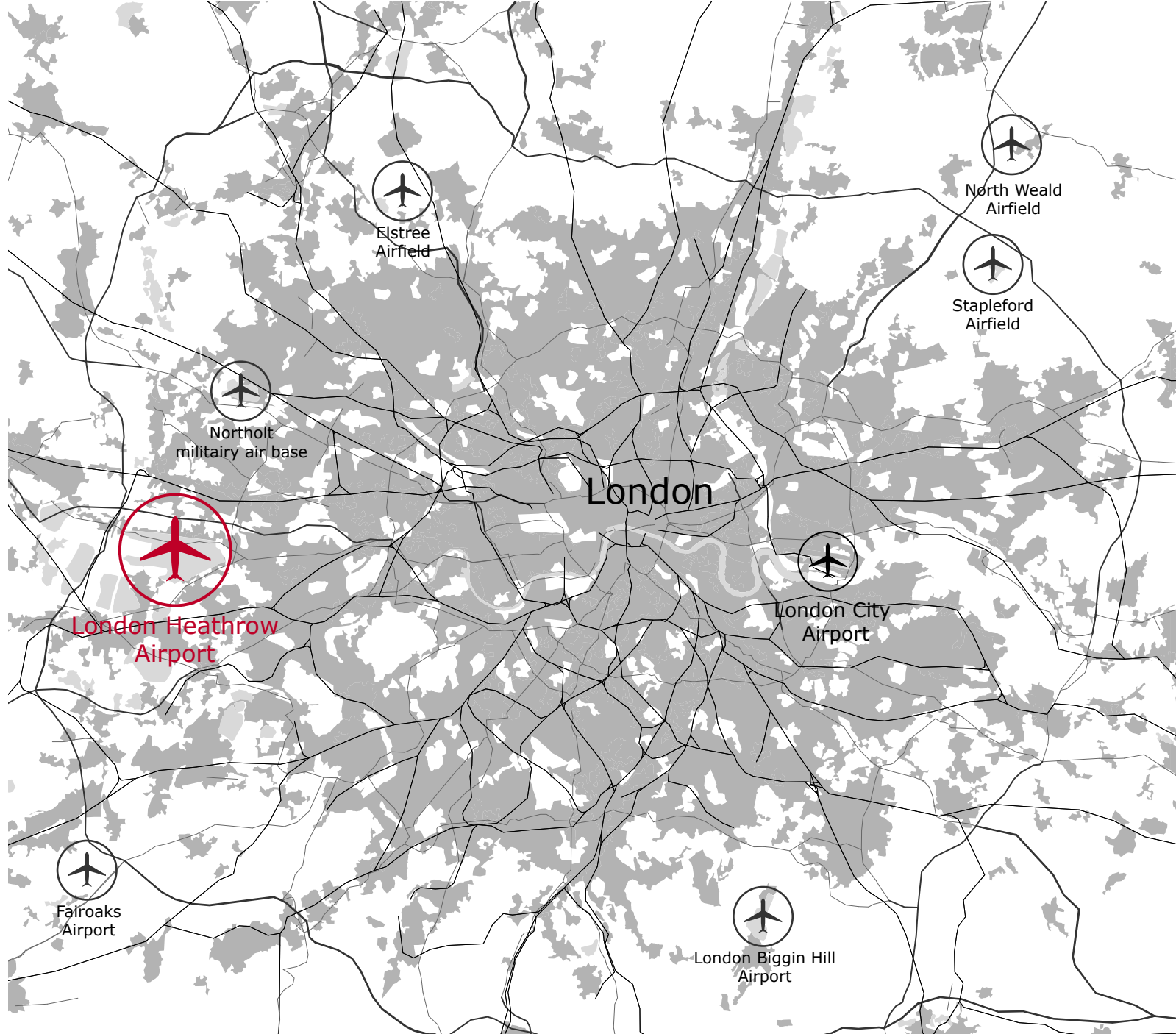
-Train link:	Yes	-Nearest city: London (24km)			
Modal split (2002)*:	Rail	Bus	Taxi	Private car	Others
*(Source: ATAG, 2003)	22%	12%	26%	39%	1%
Parking area (spaces):	18.220				
-Parking fees (2004):	1 hr	1 day	7 days	Business	
--short term	£3,70	£40,00	£21,00 (a day)		
--long term	£15,00	£98,00			

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Terminal 5 - Heathrow integration	Terminal	2008	Planned
Terminal area development+Apron to accommodate new Airbus A380	Terminal, APRON	2006	Planned



-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



London region

1:300.000

138 **LGW - LONDON GATWICK AIRPORT (GB)**

CONNECTIVITY (summer 2004)

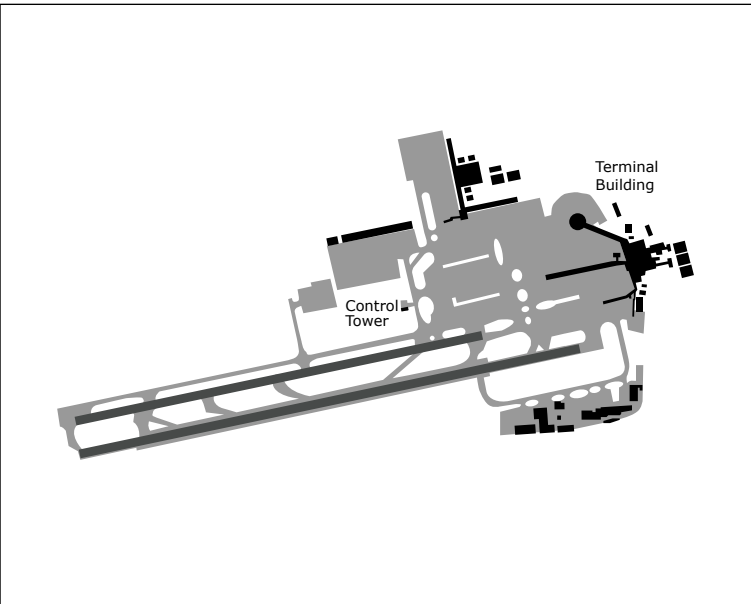
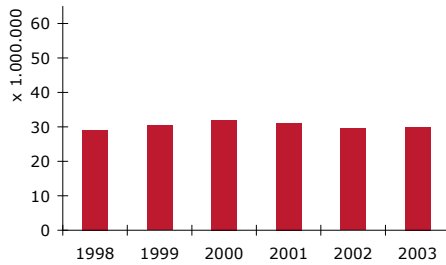
Destinations:	241
-Scheduled flights	145
-Holiday flights	135
Airlines	80

AIR TRAFFIC
(statistics 2003, x 1.000)*

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
242,0	29.893,3	222,9	10,6

*(Source: IATA, 2004)

Passenger transport 1998-2003



AIRPORT-ORGANIZATION

Name / Address	London Gatwick Airport, Gatwick, W Sussex, RH6 0NP, Great Britain				
Website	www.baa.co.uk/main/airports/gatwick				
IATA / ICAO code	LGW / EGKK				
Position (LAT/LONG)	51°09'00"N / 000°11'00"W				
Opening hours	06.00-23.30 hrs				
(Noise) restrictions	British Government restrictions; voluntary ban on chapter 4 aircrafts				
Operator	BAA plc - Gatwick Airport Ltd				
Employment (2003/2004):	*(Source: website airport, 2004) **(Source: BBA, 2004)				
-Employed direct (2004)*:	1.870			-Total on site (est.) (2003)**:	25.000
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	13,7	19,8	6,7	17,2	12,4

AIRPORT-INFRASTRUCTURE

Size	683 ha
Runways:	2 -Longest length: 3.256m
-Runway 1	Heading 08R/26L, 3.256m, Aircraft size max: B747-400
-Runway 2	Heading 08L/26R, 2.565m

Apron (aircraft stands)	120
Cargo terminal:	1 -Capacity cargo (tons): -
Passenger terminal:	2 -Capacity passengers (annual): -
-Train link:	Yes -Nearest city: London (45km)

ACCESSIBILITY

Modal split (2002)*:	Rail	Bus	Taxi	Private car	Others
*(Source: ATAG, 2003)	21%	9%	17%	50%	3%

Parking area (spaces):	27.000		
-Parking fees (2004):	1 hr	1 day	7 days
--short term	£3,30	£18,00	
--long term		£ 8,40	£56,20

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Pier 6	APRON	2006	Planned
South terminal Pier 1 development	Terminal, APRON	2008	Planned
North West Zone, Terminal extension	APRON, Terminal	2009	Planned

Comments: Development airport for handling 40 mill.passengers a year by 2010/2011.

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



London South region

1:300.000

140 **STN - LONDON STANSTED AIRPORT (GB)**

CONNECTIVITY (summer 2004)

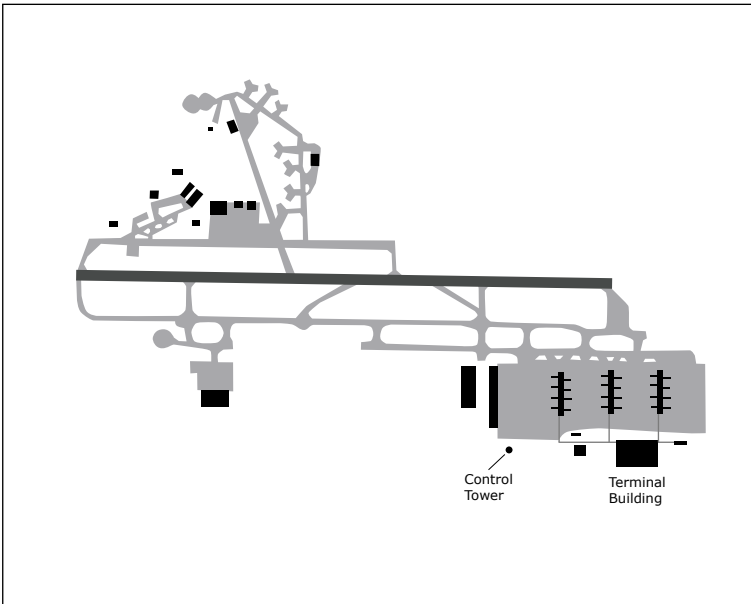
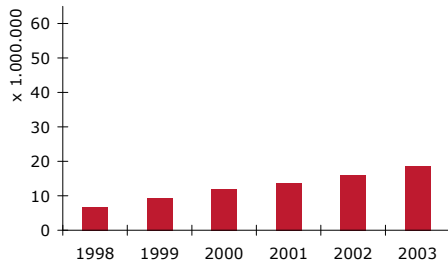
Destinations:	144
-Scheduled flights	127
-Holiday flights	58
Airlines	20

AIR TRAFFIC
(statistics 2003, x 1.000)*

*(Source: IATA, 2004)

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
180,3	18.716,3	198,6	4,2

Passenger transport 1998-2003



AIRPORT-ORGANIZATION

Name / Address	London-Stansted Airport, Bassingbourne Road, Stansted, Essex, CM24 1QW, Great Brittain			
Website	www.baa.co.uk/main/airports/stansted			
IATA / ICAO code	STN / EGSS			
Position (LAT/LONG)	51°53'05"N / 000°14'12"E			
Opening hours	24 hours			
(Noise) restrictions	-			
Operator	BAA plc - Stansted Airport Ltd			
Employment (2003)*:	*(Source: BBA, 2004)			
-Employed direct:	1.000	-Total on site (est.):	11.000	
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train
(2004, x 1 million pax):	13,3	24,6	4,1	16,3
	weighted with distance decay			

AIRPORT-INFRASTRUCTURE

Size	- (ha)		
Runways:	1	-Longest length:	3.048 m
-Runway 1	Heading 05/23,3.048m, Aircraft size max:B747-400/AN,124/NGLA		
Apron (aircraft stands)	-		
Cargo terminal:	-	-Capacity cargo (tons):	-
Passenger terminal:	1	-Capacity passengers (annual):	25.000.000

ACCESSIBILITY

-Train link:	Yes		-Nearest city: London (40miles)	
Modal split (2002)*:	Rail	Bus	Taxi	Private car
Others	-	-	-	-

Parking area (spaces):

-Parking fees (2004):	1 hr	1 day	7 days
--short term	£2,60	£18,00	
--long term		£ 7,20	£49,60
--mid stay parking		£12,50	

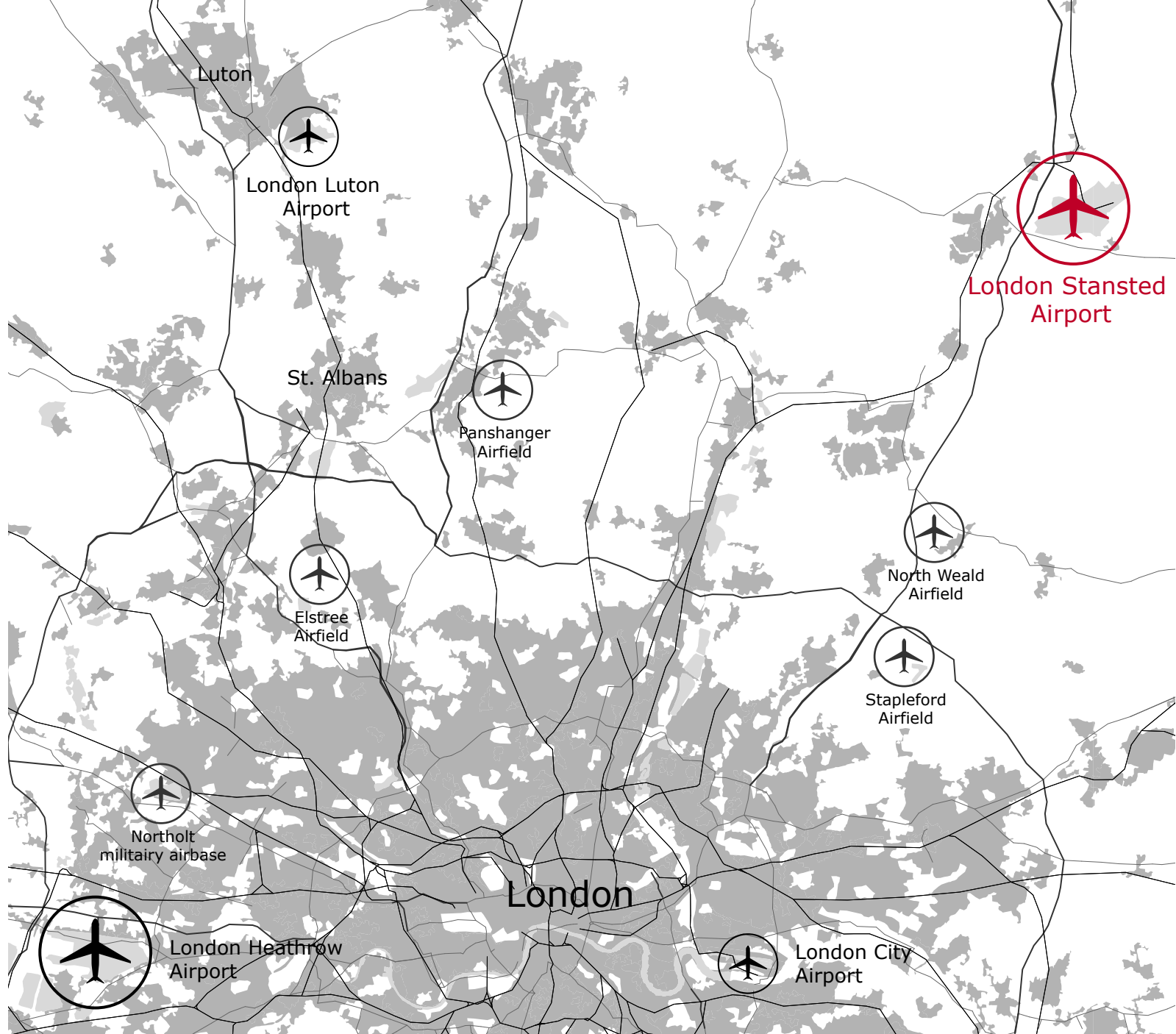
PLANNED AIRPORT DEVELOPMENT

(Sources: BBA, 2004, BBA Stansted, 2004)

-Projects:	-Additional capacity:	-Year operation:	-Status:
Extension runway	Runway	2012	Plan in 2005
Extension terminal & aircraft stands	Terminal	2010	Planned

Comments: Development airport for handling 25 mill.passengers a year by 2010/2012.

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



London North region

1:300.000

LTN - LONDON LUTON AIRPORT (GB)

CONNECTIVITY (October 2004)

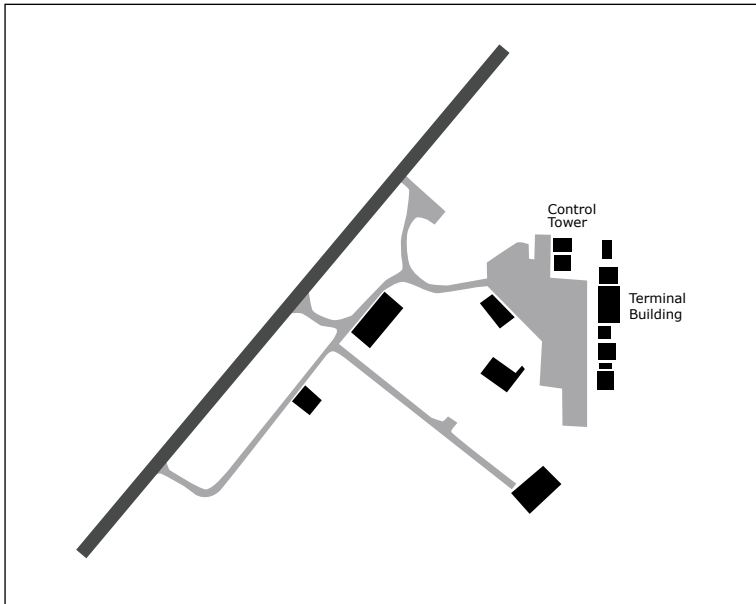
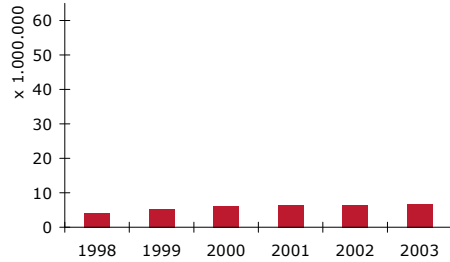
Destinations: 41
 -Scheduled flights
 -Holiday flights
 Airlines 10

AIR TRAFFIC (statistics 2003, x 1.000)*

*(Source: IATA, 2004)

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
72,4	6.785,7	22,9	0

Passenger transport 1998-2003



AIRPORT-ORGANIZATION

Name / Address London-Luton Airport, Airport Way, Luton, Beds, LU2 9LY, Great Britain.
 Website www.london-luton.com
 IATA / ICAO code LTN / EGGW
 Position (LAT/LONG) 51°52'0"N / 000°22'0"W
 Opening hours 24 hours
 (Noise) restrictions Chapter 2 ARFF restricted 23:00-06:00 local (07:00 Sunday)
 Operator London Luton Airport Operations Ltd
 Employment (2003)*: *(Source: London Luton Airport Operations Limited, 2003)
 -Employed direct: 417 -Total on site (est.): -
 Potential market area: 1hr by car 2hrs by car 1hr by train 2hrs by train weighted with distance decay
 (2004, x 1 million pax): 14,0 25,1 7,1 20,0 13,0

AIRPORT-INFRASTRUCTURE

Size - (ha)
 Runways: 1 -Longest length: 2.160 m
 - Runway 1 Heading 08/26, 2.160m, Aircraft size max:Freighter-DC10 or DC8
 Apron (aircraft stands) -
 Cargo terminal: 1 -Capacity cargo (tons): -
 Passenger terminal: 1 -Capacity passengers (annual): -
ACCESSIBILITY -Train link: Yes -Nearest city: Luton (2km)
 Modal split: Rail Bus Taxi Private car Others
 - - - - -
 Parking area (spaces): -
 -Parking fees (2004)*: 1 hr 1 day 7 days *Parking rates depends of pre-booking.
 --short term £2,70 £13,50
 --long term £ 4,99 £34,93
 --mid term £12,00

PLANNED AIRPORT DEVELOPMENT

-Projects: -Additional capacity: -Year operation: -Status:
 Western extension airport controlled airspace Others - Proposed Plan 2004
 Comments: A 'master plan' for the development of the airport concerned to 2015

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water

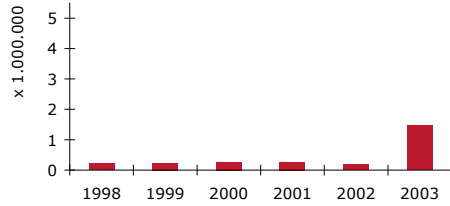


London North region

1:300.000

LCY - LONDON CITY AIRPORT (GB)

Passenger transport 1998-2003

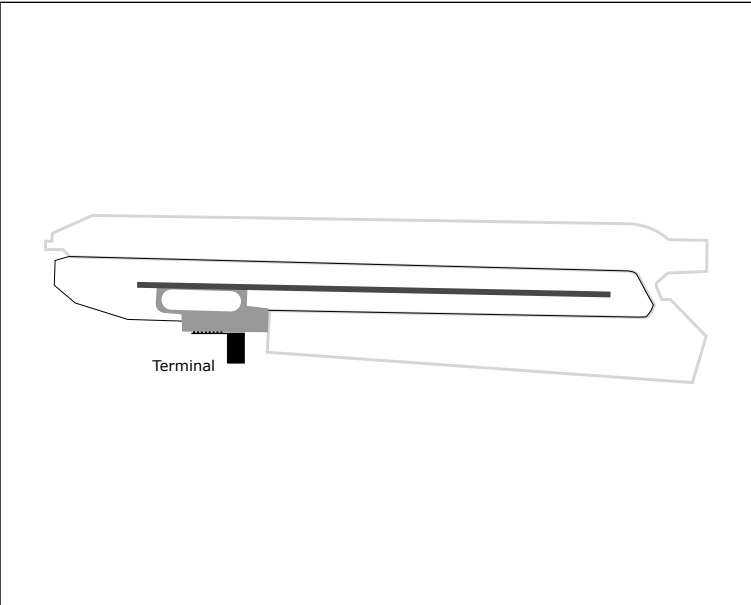


CONNECTIVITY (summer 2004)

Destinations:	22
-Scheduled flights	22
-Holiday flights	
Airlines	15

AIR TRAFFIC (statistics 2003, x 1.000)*

	Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
*(Source: IATA, 2004)	51,9	1.470,6	0	0



AIRPORT-ORGANIZATION

Name / Address	London City Airport,Royal Docks,London,E16 2PX,Great Britain		
Website	www.londoncityairport.com		
IATA / ICAO code	LCY	EGLC	
Position (LAT/LONG)	51°30'29"N, 000°03'36"E		
Opening hours	MON/FRI 06.30-22.30; SAT 06.30-12.30; SUN 12.30-22.30		
(Noise) restrictions	09.00-22.30 hrs open on Public holidays		
Operator	London City Airport Ltd.		
Typology	Corporate jet centre		
Employment (2002)*:	*(Source: ATAG, 2003)		

-Employed direct:	220	-Total on site (est.):	1.600	
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train
(2004, x 1 million pax):	15,1	23,9	11,0	21,2
			weighted with distance decay	
			14,7	

AIRPORT-INFRASTRUCTURE

Size	39 ha		
Runways:	1	-Longest length:	1.319 m
-Runway 1	Heading 10/28, 1.199m, Aircraft size max: AVRO 20100		
Apron (aircraft stands)	10		
Cargo terminal:	-	-Capacity cargo (tons):	-
Passenger terminal:	2	-Capacity passengers (annual):	7.000

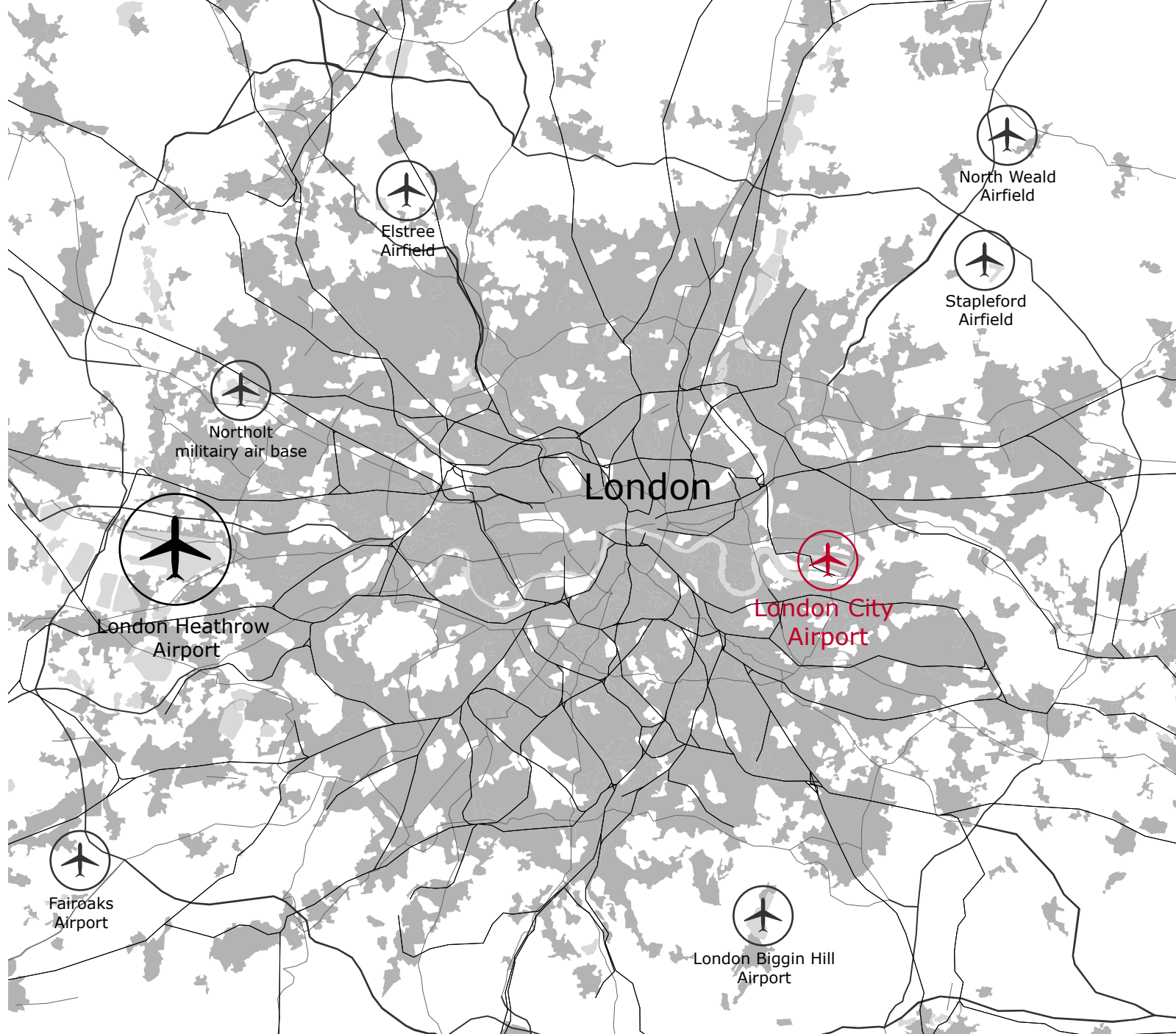
ACCESSIBILITY

	-Train link:No	-Bus link:Shuttlebus	-Nearest city:London(10km)		
Modal split (2002)*:	Rail	Bus	Traxi	Private car	Others
*(Source: ATAG, 2003)	-	24%	46%	25%	5%
Parking area (spaces):	807				
-Parking fees (2004):	1 hr	1 day	7 days		
--short term	£3,50	£21,00			
--main car park	£2,50	£17,00			

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Docklands Light Railways extension directly serving LCA	Acces	2005	Actual

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



London City region

1:300.000

EMA- NOTTINGHAM EAST MIDLANDS AIRPORT(GB)

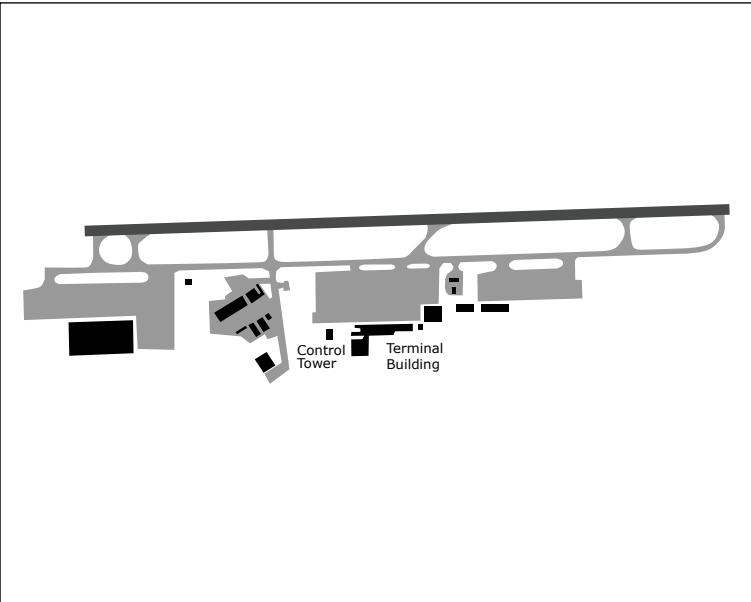
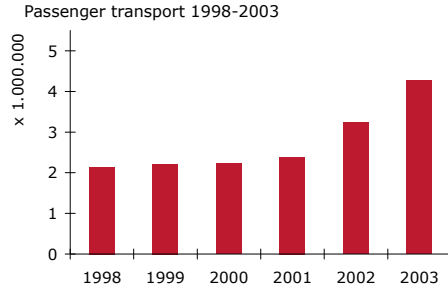
CONNECTIVITY (summer 2004)

Destinations:	-
-Scheduled flights	26
-Holiday flights	38
Airlines	7

AIR TRAFFIC (statistics 2003, x 1.000)*

Air transport movements	Passengers transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
87,6	4.260,6	227,1	10,5

*(Source: IATA, 2004)



AIRPORT-ORGANIZATION

Name / Address	East Midlands Airport, Ambassador Road, Castle Donington, Derby, DE74 2SA, Great Britain				
Website	www.eastmidlandsairport.com				
IATA / ICAO code	EMA / EGNX				
Position (LAT/LONG)	52°49' 52"N / 001°19' 41"W				
Opening hours	24 hours				
(Noise) restrictions	SID 's/NPR 's, Off-track fines, QC8/16 surcharges 23:00-07:00				
Operator	East Midlands Int'l Airport Ltd				
Employment:					
-Employed direct:	-				-Total on site (est.): -
Potential market area	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
(2004, x 1 million pax):	6,0	18,9	1,9	8,0	10,1

AIRPORT-INFRASTRUCTURE

Size	- (ha)		
Runways:	1	-Longest length:	2.893 m
-Runway 1	Heading 09/27,2.893m,Aircraft size max:no limit,incl.B747F/AN-124		
Apron (aircraft stands)	54		
Cargo terminal:	4	-Capacity cargo (tons):	1.000.000
Passenger terminal:	1	-Capacity passengers (annual):	5.000.000

ACCESSIBILITY

	-Train link: No	-Bus link: Bus	-Nearest city: Derby (18km)		
Modal split:	Rail	Bus	Taxi	Private Car	Others
	-	-	-	-	-
Parking area (spaces):	8.210				
-Parking fees (2004):	1 hr	1 day	7 days		
--short term	£2,50	£20,00			
--long term			£45,00		
--mid term		£8,00	£56,00		

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Runway extension to 3080m.	Runway	?	Planned

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



East Midlands region

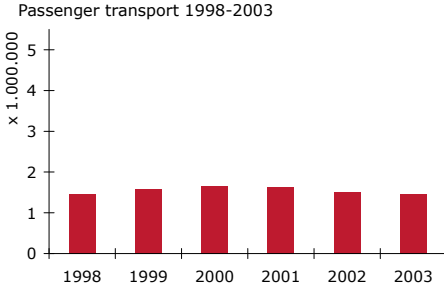
1:300.000



Luxembourg airport

LUX

LUX - LUXEMBOURG AIRPORT (LUX)



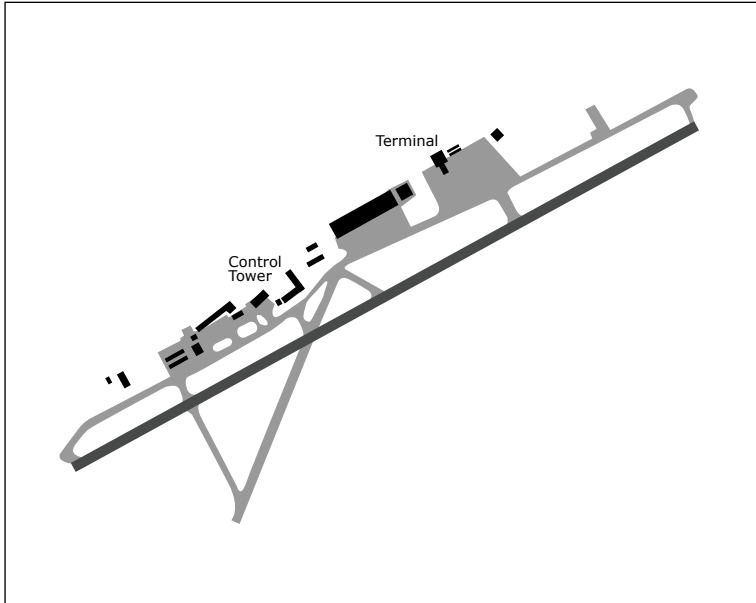
CONNECTIVITY (summer 2004)

Destinations: 40
 -Scheduled flights
 -Holiday flights 32
 Airlines 10

AIR TRAFFIC
 (statistics 2003, x 1.000)*

Air transport movements	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)
90,8	1.449,7	602,0	0,6

*(Source: IATA, 2004)



AIRPORT-ORGANIZATION

Name / Address Luxembourg Airport, BP 635, L-2016 Luxembourg, Luxembourg
 Website www.luxairport.lu
 IATA / ICAO code LUX / ELLX
 Position (LAT/LONG) 49°39' 24"N / 006°12' 18"E
 Opening hours 06:00-23:00 hrs: Chapter 3 aircrafts
 (Noise) restrictions 07:00-22:00 hrs: Chapter 2 aircrafts
 Operator Lux-Airport, Société de l'aéroport de Luxembourg SA
 Employment (2002)*: *(Source: ATAG, 2003)
 -Employed direct: 154 -Total on site (est.): 3.500
 Potential market area (2004, x 1 million pax):

	1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay
	2,9	14,9	1,3	4,6	5,6

AIRPORT-INFRASTRUCTURE

Size - (ha)
 Runways: 1 -Longest length: 4.000m
 -Runway 1 Heading 06/24, 4.000m (13.123ft), Aircraft size max: All types
 Apron (aircraft stands) 35
 Cargo terminal: 1 -Capacity cargo (tons): 750.000
 Passenger terminal: 1 -Capacity passengers (annual): -
 -Train link:No -Bus link:city bus -Nearest city:Luxembourg (7km)

ACCESSIBILITY

Modal split:

	Rail	Bus	Taxi	Private car	Others
	-	-	-	-	-

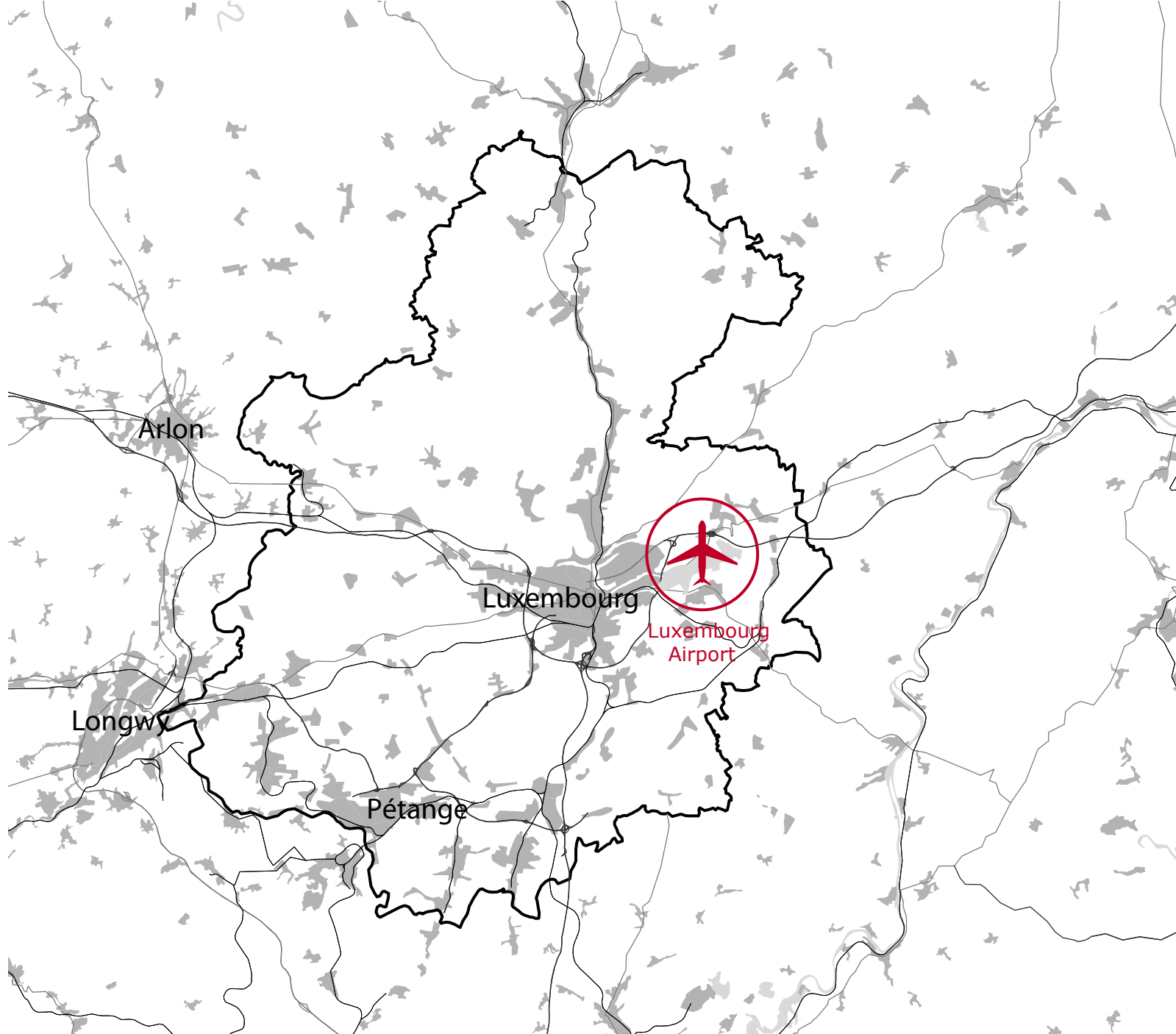
Parking area (spaces): 3.500 + new: 4.000
 -Parking fees(euros, 2004)

	1 hr	1 day	7 days
--short term	€ 2,50	€ 8,50	€ 89,00
--long term		€ 4,00	€ 28,00

PLANNED AIRPORT DEVELOPMENT

-Projects:	-Additional capacity:	-Year operation:	-Status:
Terminal B	Terminal	2004	Completed
Terminal A	Terminal	2006	Planned

-  Airport
-  Motorway
-  Railway
-  National border
-  Built area
-  Water



Luxembourg region

1:300.000

AIRPORTS IN NORTHWEST EUROPE

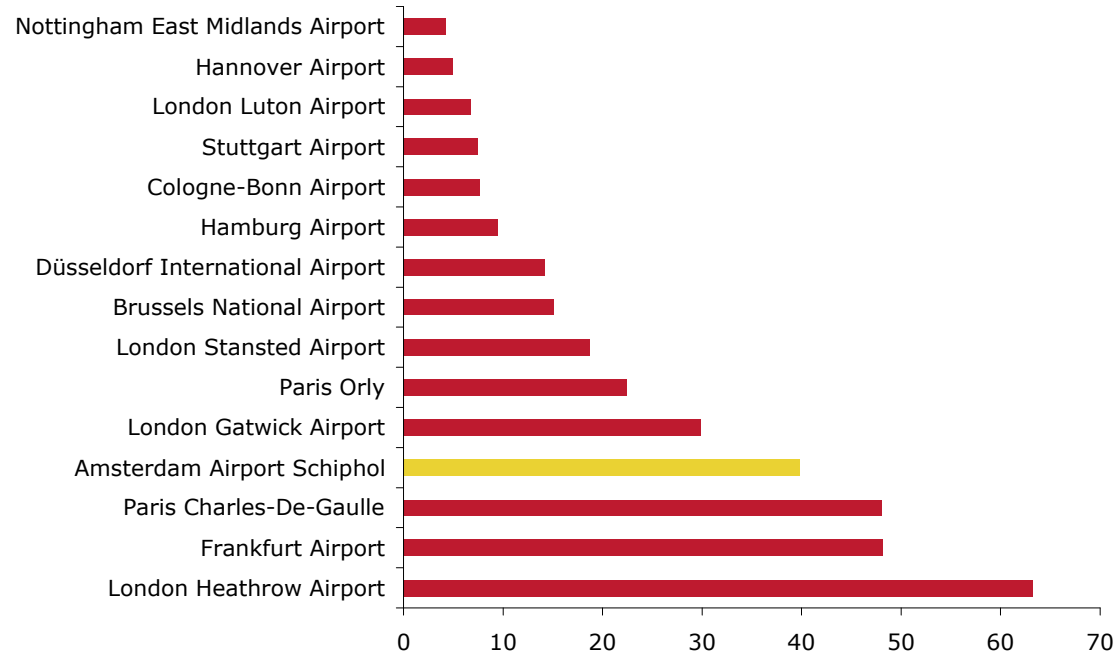
Statistics 2003 (x 1.000)*

*(Source: IATA, 2004)

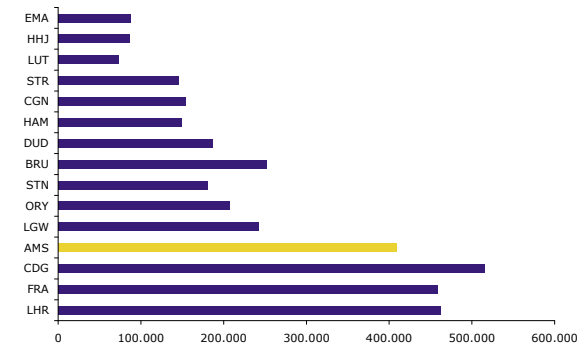
Airport name	IATA	ICAO	Air transport mvts	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)	RWY (no.)	RWY Length max.	Potential market area (x 1 million pax)					Website
									1hr by car	2hrs by car	1hr by train	2hrs by train	weighted with distance decay	
Netherlands														
Amsterdam Airport Schiphol	AMS	EHAM	408,3	39.808,6	1.306,1	47,6	5	3.800m	8,2	21,8	6,4	13,8	9,6	www.schiphol.nl
Rotterdam Airport	RTM	EHRD	66,9	616,8	0,2	0	1	2.260m	9,4	26,6	6,3	16,8	10,0	www.rotterdam-airport.nl
Eindhoven Airport	EIN	EHEH	14,8	427,7	0,6	0	1	3.000m	7,6	38,5	2,4	26,7	11,4	www.eindhoven-airport.nl
Maastricht-Aachen Airport	MST	EHBK	40,7	273,3	34,3	0	2	2.500m	7,3	36,0	3,1	23,5	10,9	www.maa.nl
Groningen Airport Eelde	GRQ	EHGG	54,9	137,6	0	0	2	1.800m	2,3	13,2	0,9	2,9	4,9	www.gae.nl
Enschede Airport Twente	ENS	EHTW	0,9	33,1	0	0	2	2.987m	4,9	34,1	1,8	14,9	8,5	www.enschede-airport.nl
Lelystad Airport	LEY	EHLE	119,8	0	0	0	1	1.300m	7,2	25,1	0,6	8,6	8,8	www.lelystad-airport.nl
Belgium														
Brussels National Airport	BRU	EBBR	252,3	15.092,7	273,4	5,0	3	3.638m	8,9	32,1	6,4	22,6	10,5	www.brusselsairport.be
Brussels South Charleroi Airport	CRL	EBCI	63,2	1.804,0	0	0	2	2.550m	7,6	26,0	3,1	14,4	8,2	www.charleroi-airport.com
Antwerp Airport	LGG	EBLG	64,0	168,3	4,9	0	2	3.287m	10,4	35,7	5,9	23,4	10,7	www.antwerpairport.be
Liège Airport	ANR	EBAW	38,9	161,6	374,2	0	1	1.510m	7,0	34,0	5,0	23,2	9,2	www.liegeairport.com
Germany														
Frankfurt Airport	FRA	EDDF	458,9	48.107,7	1.527,2	123,4	3	4.000m	7,6	24,7	6,0	25,5	9,3	www.frankfurt-airport.de
Düsseldorf International Airport	DUS	EDDL	186,2	14.172,9	47,4	0,1	3	3.000m	15,1	36,0	11,9	41,2	14,5	www.duesseldorf-international.de
Hamburg Airport	HAM	EDDH	149,4	9.424,8	23,2	12,8	2	3.665m	4,5	10,1	3,4	8,5	6,0	www.ham.airport.de
Cologne-Bonn Airport	CGN	EDDK	153,4	7.697,7	518,5	12,6	3	3.815m	12,9	32,5	6,4	24,5	12,4	www.airport-cgn.de
Stuttgart Airport	STR	EDDS	144,9	7.464,9	17,5	9,9	1	3.345m	4,7	13,7	2,9	11,2	8,4	www.stuttgart-airport.com
Hannover Airport	HAJ	EDDV	86,4	4.962,1	5,3	9,9	2	3.800m	3,8	16,6	3,2	15,2	6,3	www.flughafen.hannover.de
Frankfurt Hahn Airport	HHN	EDFH	31,1	2.417,1	158,9	0,5	1	3.040m	2,6	21,0	0,2	2,1	7,3	www.hahn-airport.de
Bremen Airport	BRE	EDDW	42,8	1.612,9	1,2	1,1	1	3.000m	3,0	16,7	1,9	11,2	5,6	www.airport-bremen.de
Münster-Osnabrück Airport	FMO	EDDG	45,9	1.465,9	0,1	0,7	1	2.170m	6,7	29,1	1,3	15,1	10,1	www.fmo.de
Dortmund Airport	DTM	APXH	37,5	1.023,3	0,1	0	1	2.000m	13,1	33,6	8,5	24,1	13,1	www.flughafen-dortmund.de
Airport Düsseldorf Regional (Weeze)	NRN	EDLV	3,5	208,1	-	-	1	2.440m	9,4	38,1	0,8	15,4	12,2	www.duesseldorf-regional-weeze.de
Düsseldorf Airport-Mönchengladbach	MGL	EDLN	59,8	169,8	0,3	0	1	1.200m	12,6	27,3	8,3	22,0	13,8	www.mgl.de

Airports > 4.000.000 Passenger transport (2003)

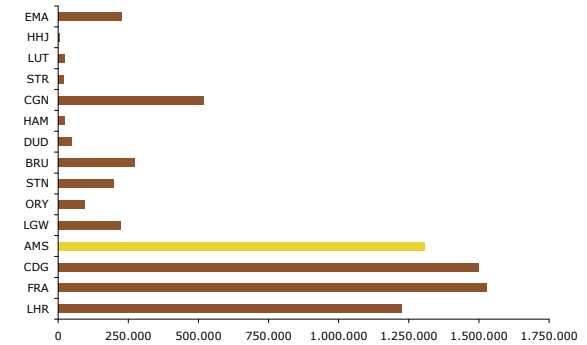
Passenger transport (terminal, x 1.000.000), 2003



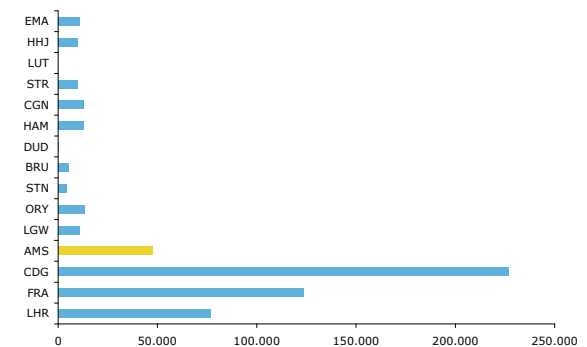
Air transport movements, 2003



Freight transport (metrics tons), 2003



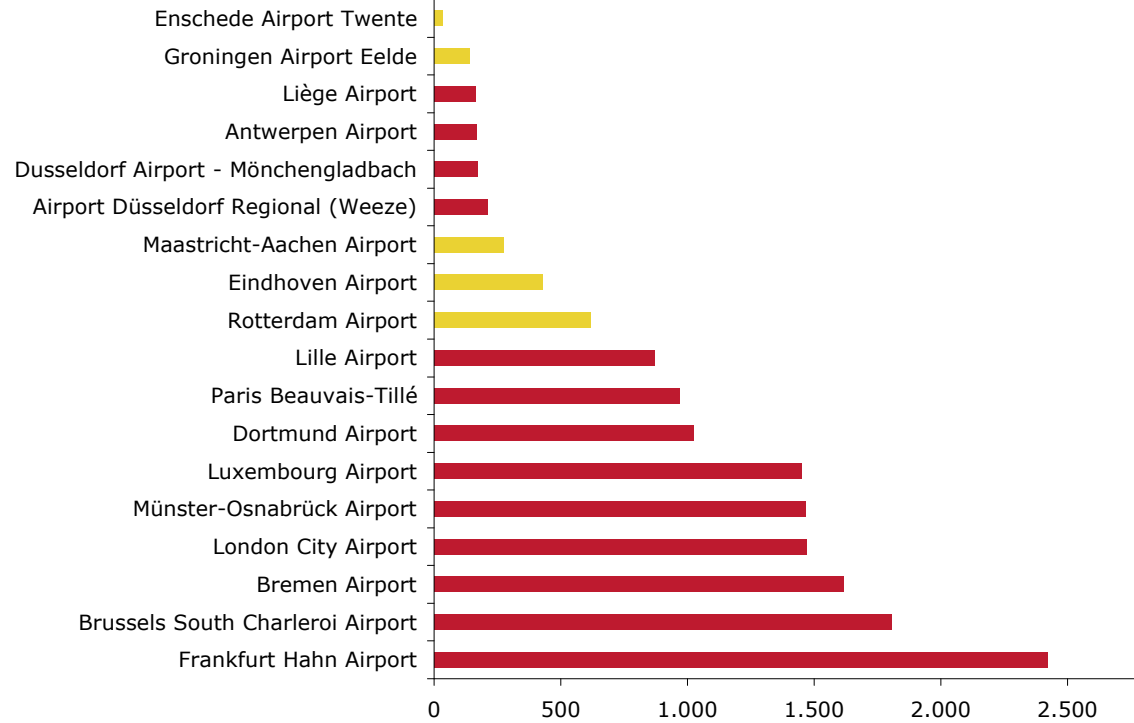
Mail transport (metrics tons), 2003



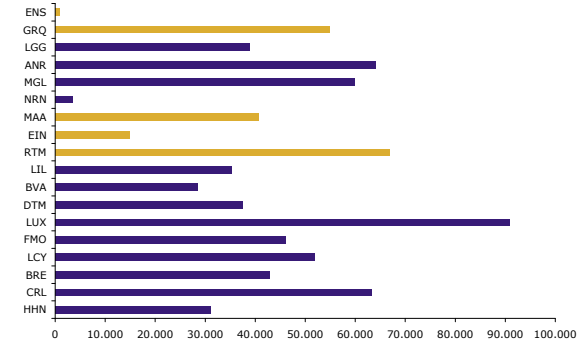
Airport name	IATA	ICAO	Statistics 2003 (x 1.000)*				*(Source: IATA, 2004)			Potential market area (x 1 million pax)					Website
			Air transport mvts	Passenger transport (terminal)	Freight transport (metric tons)	Mail transport (metric tons)	RWY (no.)	RWY Length max.	1hr by car	2hrs by car	1 hr by train	2hrs by train	weighted with distance decay		
France															
Paris Charles-De-Gaulle	CDG	LFPG	515,0	48.028,3	1.496,8	226,8	4	3.600m	12,2	20,6	11,1	23,4	11,7	www.adp.fr	
Paris Orly	ORY	LFPO	206,8	22.450,6	92,5	13,3	3	3.650m	12,4	18,5	10,6	17,3	12,0	www.adp.fr	
Paris Beauvais-Tillé	LFOB	BVA	28,5	968,6	0,1	0	2	2.430m	10,4	20,5	0,3	14,3	8,0	www.aeroportbeauvais.com	
Lille Airport	LIL	LFQQ	35,2	870,5	0,5	0	2	2.825m	6,9	22,2	5,2	27,4	8,5	www.lille.aeroport.fr	
Luxembourg															
Luxembourg Airport	LUX	ELLX	90,8	1.449,7	602,0	0,6	1	4.000m	2,9	14,9	1,3	4,6	5,6	www.luxair.lu/en/airport	
Great Britain															
London Heathrow Airport	LHR	EGLL	462,4	63.207,9	1.223,4	76,9	3	3.902m	14,8	24,4	11,4	21,5	14,3	www.baa.co.uk/main/airports/heathrow	
London Gatwick Airport	LGW	EGKK	242,0	29.893,3	222,9	10,6	2	3.256m	13,7	19,8	6,7	17,2	12,4	www.baa.co.uk/main/airports/gatwick	
London Stansted Airport	STN	EGSS	180,3	18.716,3	198,6	4,2	1	3.048m	13,3	24,6	4,1	16,3	12,2	www.baa.co.uk/main/airports/stansted	
London Luton Airport	LTN	EGGW	72,4	6.785,7	22,8	0	1	2.160m	14,0	25,1	7,1	19,9	13,0	www.london-luton.com	
Nottingham East Midlands Airport	EMA	EGNX	87,6	4.260,6	227,1	10,5	1	2.893m	6,0	18,9	1,9	8,0	10,1	www.eastmidlandsairport.com	
London City Airport	LCY	EGLC	51,9	1.470,6	0	0	1	1.319m	15,1	23,9	11,0	21,2	14,7	www.londoncityairport.com	

Airports < 4.000.000 Passenger transport (2003)

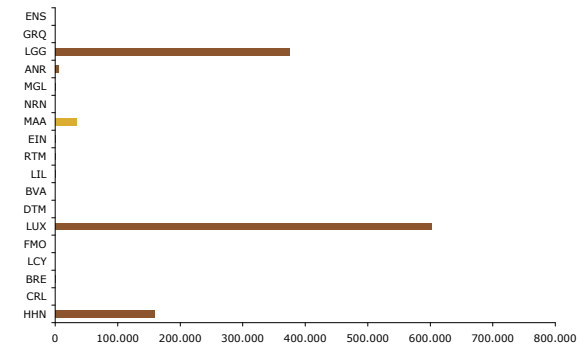
Passenger transport (terminal, x 1.000), 2003



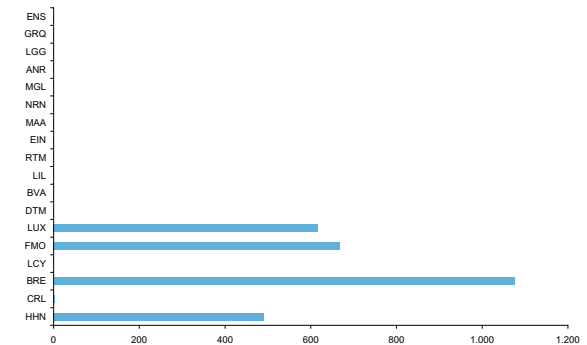
Air transport movements, 2003



Freight transport (metrics tons), 2003



Mail transport (metrics tons), 2003



TECHNICAL TERMS

AIRPORT ORGANIZATION

*IATA code / ICAO code

A standard location indicator which is updated and designated by the International Air Transport Association (IATA), association for airlines, and International Civil Aviation Organization (ICAO). (Source data: www.azworldairports.com, 2004).

*Position (latitude and longitude data) Geographical co-ordinates in degrees, minutes and seconds. (Source data: www.world-airport-codes.com, 2004).

*Opening hours

Hours of operation. (Source data: www.azworldairports.com, 2004).

*Restrictions

Restrictions for aircrafts for noise considerations. (Source data: www.azworldairports.com, 2004).

-Chapter 2 aircraft

Jet aircraft that meet the noise certification standards of Chapter 2, Article 16 of the International Civil Air traffic Organization (ICAO) guidelines. This is the noisiest category of aircraft, banned from flying within the European Union from 1 April 2002.

-Chapter 3 aircraft

Jet aircraft that meet the noise certification standards of Chapter 3, Article 16 of the ICAO guidelines. This is currently the quietest category of aircraft.

FINANCE

*Company results / costs

Total sum of income and costs. (Source data: annual reports 2003 of airports).

-Airport charges

Take-offs, landings and parking fee for aircraft and fee for passenger. (translated from Schiphol Group, 'Verantwoord ondernemen op Amsterdam Airport Schiphol, Creating AirportCities', 2003).

-Concessions

Revenue of concessions includes for instance catering, taxfree-shop, restaurant, taxi-place and car rental.

REGION

*City and population

Nearest city of the airport and its population on 1st of January 2004 (Source data: CBS Statline, 2004).

*Potential market area

The calculation of the population within one or two hours driving time is based on the following data sources: for airports on the GISCO database of Eurostat, for the road network on the EuroGlobalMap database of EuroGeographics, for population on the LandScan data of Ohio State University. With help of the network analysis program Flowmap, developed at Utrecht University, distance matrices have been generated using the road network for all polygons of 5 by 5 kilometre containing population numbers to every airport. These distances have been used to analyse the amount of people living within one and two hours driving time of each

airport. (Source data: Borsboom-Van Beurden & Gordijn, 2005).

-weighted with distance decay: The probability of a trip is a function of travel time. The log-logistic function¹ is used:

$$F(x) = 1 / (1 + \exp(a + b \ln x))$$

In which

$$x = \text{distance}$$

$$a = -11,13$$

$$b = 2,72$$

The parameters (a and b) of the log logistic function are chosen as to reflect the travel-time behavior of people with a low value of time. The resulting Population-potential can be interpreted as the potential for low-cost-carriers. (Footnotes: ¹ Geurts & Ritsema van Eck, 2001, p. 147).

*Employment direct / indirect

Number of employed persons on the airport: directly employed by airport operation or indirectly employed by (airport-linked) companies on the airport-site or business area nearby (this number is an estimate). (Sources data: ATAG, 2004, annual reports 2003 and websites airports, 2004).

AIR TRAFFIC / CONNECTIVITY

*Destinations

The total destinations of direct flights for passenger transport from the airport, divided in scheduled and holiday flights. (Source data: websites airports, 2004 and timetable airports summer 2004, 2004).

*Airlines

Number of airlines with passenger transport. (Source data: websites airports, 2004).

*Air traffic

Statistics of air traffic from airport. (Source data NL-airports: CBS Statline, 2004; source data NWE-airports: ITA, 2004).

-Aircraft movements

All aircraft take-offs and landings by scheduled and unscheduled services or charter services.

--Air transport movements

All departures and arrivals of aircrafts > 6.000 kg for transport passengers on scheduled services.

--General aviation

All movements of aircrafts <6.000 kg (small air traffic: flights for business, taxi, photo, circuit, instructions, private, testing, police and controlling, ambulance).

-Passenger transport

The total of persons transported by commercial air traffic (scheduled and charters) arriving and departing from the airport. The number is exclusive transit passengers, also called 'passenger terminal' (NWE-airports).

-Freight transport

Transport of freight through the air, exclusive mail and passengers luggage in metrics tons (1.000 kg). This total is excluded trucked freight. Trucked freight is cargo that is taken from the airport to another airport by road and is flying from there to its final destination.

-Mail transport

The total of transported weight of mail in tons in arrived and departed flights of airlines in the trade intercourse.

--Origins / Departing Airport (country) of departing and landing passengers, or loading and un-loading freight. For passengers: information is extract from flight coupons, related to a flight of a certain airplane. For freight: information is extract from load-sheets. On each load-sheet is registrated the facts of the freight on a certain flight. (CBS Stateline, 2004).

AIRPORT INFRASTRUCTURE

*Runway
List each runway with its designator, length in metres and maximum aircraft size for landing on the airport. (Sources data: www.azworldairports.com, 2004 and websites airports, 2004).

-AirportCity formula
An AirportCity is an efficiently run international hub providing various forms of transport and a wide range of services and facilities for passengers, visitors and business users, 24 hours a day. (Sources data: annual reports, 2004 and websites airports, 2004).

ACCESSIBILITY

*Parking spaces
Total number of car parking spaces available on airport-site for passengers and visitors. (Sources data: www.azworldairports.com, 2004 and websites airports, 2004).

*Modal split
Estimated percentage distribution of passengers accessing the airport by transport mode (Source data: ATAG, 2004).

*Parking fees (short, long, others)
Fees for parking car on the parking spaces of the airport. Fee at British airports is in sterling; £1,- = ±€ 1,45. (Source data: websites airports, 2004).

AIRPORT DEVELOPMENT

Plans for development airport in expansion runway, apron and terminal state. (Sources: ATAG, 2004, annual reports, 2004 and websites airports, 2004).

ENVIRONMENT

*Noise (complaints, complainers)
Total of complaints about noise of air traffic from the airport. According article 28 of Air traffic law each airport in the Netherlands has a commission of participations of several organizations in the neighbourhood of the airport. They gather facts of complaints about the airport. (Sources data: annual report commissions of Art.28 of Air traffic law, 2003, 2004).

*Noise contour
An area in which physical planning limitations apply (for housing construction an isolation), outside of which noise disturbance may not exceed certain limits. (More information on www.luchtvaartbeleid.nl).

REGION DEVELOPMENT PLANS

Plans on dwellings, business and industrial areas, infrastructure and nature in the surrounding of the airport. (Sources data: Nieuwe Kaart van Nederland, 2003, 2004 and websites planning organizations, 2004).

OTHER AIRPORTS IN THE NETHERLANDS

*General aviation
Statistics of activities of general aviations from a selection of small airports in the Netherlands. (Source data: CBS, Statline, 2004).

-Non-commercial air traffic
Private flights (also business passengers with own aircrafts), e.g. instruction flights, military flights.

-Commercial air traffic
All air traffic by airlines and commercial flights with limited passengers and cargo transport, e.g. taxi, circuit and photo flights.

AIRPORTS OF NORTHWEST EUROPA

Descriptions of a selection of airports in Northwest Europa on a selection of items. (Sources data: websites airports, 2004; ATAG, 2004; ITA, 2004; www.azworldairports.com, 2004 and www.world-airport-codes.com, 2004).

BIBLIOGRAPHY

- Airport Counseling Management, DHV (2004), *Nadere verkenning alternatieve scenario's vliegbasis Twente*, Amsterdam: ACM.
- Amsterdam Airport Schiphol (2003), *Polderbaan, Operationele informatie*, Schiphol.
- Amsterdam Airport Schiphol (2004), *Amsterdam Airport Schiphol timetable may 2004 issue*, Schiphol: Amsterdam Airport Schiphol.
- Air Transport Action Group (2004), *Airport Capacity/Demand profiles, edition 2003*.
- BBA (2004), *Annual report 2003/04*, London: BBA plc.
- BBA Stansted (2003), *Facts and figures, An insight to London Stansted Airport*, Essex: BBA Stansted.
- BBA Stansted (2004), *BBA London Stansted, Sustainability report 2003/04*, Essex: BBA Stansted.
- Borsboom-van Beurden, J.A.M. en H. Gordijn (2005), *Proximity in a changing context, European regional airports in competition*, RIVM report 251701048, De Bilt: RIVM (in publishing).
- BrabantStad (2003), *Verkenning OV-Netwerk BrabantStad, Samen investeren, B5 partners Verkeer & Vervoer*.
- Centraal Bureau voor de Statistiek (2004), *Statline*, Voorburg/Heerlen: CBS.
- Commissie Geluidhinder Schiphol (2003), *Jaarverslag 2002 Commissie Geluidhinder Schiphol*, Haarlem: Commissie Geluidhinder Schiphol.
- Commissie Milieuhygiëne Luchtvaartterrein Eelde (2004), *Klachtenoverzicht 2003*, Eelde: Commissie Milieuhygiëne Luchtvaartterrein Eelde.
- Commissie Overleg & Voorlichting Milieuhygiëne Eindhoven (2004), *Jaarverslag 2003*, Eindhoven.
- Commissie Regionaal Overleg Luchthaven Schiphol (2003), *Geluidhinder en luchtvaart, nr. 3 (december 2003)*, Haarlem: CROS.
- Commissie Regionaal Overleg Luchthaven Schiphol (2003), *Geluidhinder en luchtvaart, nr. 2 (augustus 2003)*, Haarlem: CROS.
- Commissie Regionaal Overleg Luchthaven Schiphol (2004), *CROS Nieuwsbrief, nummer 1 (2004)*, Haarlem: CROS.
- Commissie Regionaal Overleg luchthaven Schiphol (2004), *Jaarverslag 2003 Commissie Regionaal Overleg luchthaven Schiphol*, Haarlem: CROS.
- DCMR Milieudienst Rijnmond (2003), *Milieuklachten in Rijnmond, de gegevens over het jaar 2002*, Schiedam: DCMR Milieudienst Rijnmond.
- DCMR Milieudienst Rijnmond (2004), *Milieuklachten in Rijnmond, de gegevens over het jaar 2003*, Schiedam: DCMR Milieudienst Rijnmond.
- Department for Transport (2003), *The Future Development of Air Transport in the UK: South East, the Government's White Paper*, London: DfT.
- Eindhoven Airport (2004), *Belang regionale luchthavens neemt toe*, In: *Jaarverslag 2003*, (2004), p. 8.
- Eindhoven Airport N.V. (2004), *Jaarverslag 2003 Eindhoven Airport*, Eindhoven: Eindhoven Airport N.V..
- Enschede Airport Twente (2004), *Timetable & airport information*, Enschede: Enschede Airport Twente.
- Enschede Airport Twente B.V. (2003), *Jaarverslag 2002*, Enschede: Enschede Airport Twente.
- Gemeente Lelystad (2004), *Ontwerp structuurplan Lelystad 2015, met doorkijk naar 2030*, mede uitgevoerd door Arcadis, Lelystad: Gemeente Lelystad.
- Geurts K.T. and J.R. Ritsema van Eck (2001), *Accessibility measures: review and application*, Bilthoven: RIVM.
- Groningen Airport Eelde N.V. (2004), *Jaarverslag 2003*, Paterswolde: Groningen Airport N.V..
- Institut du Transport Aérien (2004), *Air traffic statistics*, Paris: ITA.
- Kok, M. (2004), *Jaaroverzicht klachten 1994-2004*, Lelystad: Commissie 28.
- Kortekaas, L. (2004), 'Kunt u mij vertellen wat een stille vlucht is?', Thema ruimtere openingstijden Rotterdam Airport, In: *Haagsche Courant*, 07 augustus 2004.
- Lelystad Airport (2004), *Comments on atlas of airports in NWE*, Lelystad: Lelystad Airport.
- London Luton Airport (2004), *Luton Airport timetable 01 October - 31 December 2004 edition, October edition*, Luton: London Luton Airport.
- London Luton Airport Operations Limited (2003), *London Luton Airport Operations Limited Annual report and accounts for the year ended 31 March 2003*, Luton: London Luton Airport Operations Ltd.
- Milieucommissie Luchthaven Maastricht (2003), *Overzicht klachten en extensies 1e kwartaal 2003*, Maastricht: Stichting Klachtentelefoon luchtverkeer Zuid-Limburg.
- Milieucommissie Luchthaven Maastricht (2003), *Overzicht klachten en extensies 2e kwartaal 2003*, Maastricht: Stichting Klachtentelefoon luchtverkeer Zuid-Limburg.
- Milieucommissie Luchthaven Maastricht (2003), *Overzicht klachten en extensies 3e kwartaal 2003*, Maastricht: Stichting Klachtentelefoon luchtverkeer Zuid-Limburg.
- Milieucommissie Luchthaven Maastricht (2004), *Milieucommissie Luchthaven Maastricht jaarverslag 2003, financiële verantwoording 2003*, MLM 04-017, Maastricht: Milieucommissie Luchthaven Maastricht.
- Milieucommissie Luchthaven Maastricht (2004), *Overzicht klachten en extensies 4e kwartaal 2003*, Maastricht: Stichting Klachtentelefoon luchtverkeer Zuid-Limburg.
- Ministerium für Verkehr, Energie und Landesplanung des Landes Nordrhein-Westfalen (2004), *Destination November Romeo Whiskey, Luftverkehr rsinfrastruktur in Nordrhein-Westfalen*, Düsseldorf.
- NV Luchthaven Maastricht (2004), *Jaarverslag 2003*, Maastricht Airport: NV Luchthaven Maastricht.
- Projectbureau Baanverlenging (2004), *Nieuwsbrief Baanverlenging, nummer 2 (juni 2004)*.
- Provincie Flevoland (2000), *Omgevingsplan Flevoland 2001-2005*, Lelystad: Provincie Flevoland.
- Provincie Noord-Holland (2003), *Streekplan Noord-Holland-Zuid, vastgesteld door Provinciale Staten van Noord-Holland op 17 februari 2003*, Haarlem: Provincie Noord-Holland.
- RIVM (2004), *Milieu en Natuurcompendium 2004*, De Bilt: RIVM.
- Rotterdam Airport (2003), 'Nederland kan niet zonder luchtvaart', interview met mevrouw drs. Neelie Kroes, voorzitter NLO, In: *Rotterdam Magazine*, 9^e jrg. (Najaar-winter 2003/2004), p. 15.
- Rotterdam Airport (2003), *Informatie Rotterdam Airport seizoen 2003/2004*, Rotterdam: Rotterdam Airport.

- Rotterdam Airport (2004), *Jaarcijfers 1997-2003*, <http://www.rotterdam-airport.nl/index.html>, 30 september 2004.
- Rotterdam Airport (2004), *Timetable Rotterdam Airport, zomer/summer 2004*, Rotterdam: Rotterdam Airport.
- Samenwerkingsgebied Regio Eindhoven (2004), *Ontwerp Regionaal Structuurplan regio Eindhoven, versie juli 2004 4.0*, Eindhoven: SRE.
- Schiphol Group (2003), *Schiphol Airport Surveys 2003*, Schiphol: Schiphol Group.
- Schiphol Group (2004), *Verantwoord ondernemen op Amsterdam Airport Schiphol, Creating AirportCities*, Schiphol: Schiphol Group.
- Schiphol Group (2004), *Jaarverslag Schiphol Group 2003*, Schiphol: Schiphol Group.
- Schiphol Group (2004), *Statistical annual report 2003*, Schiphol: Schiphol Group.
- Staf Voorlichting Vlb Twenthe (2003), *Vliegbasis Twenthe, Jaaroverzicht 2002 geluidhinderrapportage*, Enschede.
- Staf Voorlichting Vlb Twenthe (2004), *Vliegbasis Twenthe, Jaaroverzicht 2003 geluidhinderrapportage*, Enschede.
- Stichting Klachtentelefoon Luchtverkeer Zuid-Limburg (2004), *Persbericht jaarcijfers 2003*, Maastricht.

MAPS AND ARIAL PICTURES

Aerial photographs

Aerodata Remote Sensing BV, 2003

Maps of airports & surrounding areas

Bodemstatistiek map (CBS), 2000,
Top 250 and Top 10 Map (Topografische Dienst),
Nieuwe Kaart van Nederland, 2003

Noise contours

- *Schiphol airport:
Luchthavenverkeerbesluit (Ministerie van Verkeer en Waterstaat, 2004)
- *Rotterdam, Maastricht-Aachen, Groningen Eelde and Lelystad Airport: Rijksluchtvaartdienst, Den Haag
- *Eindhoven and Twente Enschede airport:
Structuurschema Militaire Terreinen
- Ministerie van Defensie (2001), *Tweede Structuurschema Militaire Terreinen, deel 1, Ontwerp PKB*, Den Haag: Ministerie van Defensie.
- Ministerie van Verkeer en Waterstaat (2001), *Aanwijzing ex artikel 27 jo. Artikel 24 van de Luchtvaartwet voor het Luchtvaartterrein Rotterdam Airport*, Den Haag: Ministerie van Verkeer en Waterstaat.
- Ministerie van Verkeer en Waterstaat (2004), *Planologische kernbeslissing luchtvaartterreinen Maastricht en Lelystad, deel 4*, Den Haag: Ministerie van Verkeer en Waterstaat.
- Ministerie van Volkshuisvesting Ruimtelijke Ordening en Milieu, Ministerie van Verkeer en Waterstaat (2004), *Milieu Effect rapportage luchtvaartterrein Maastricht*, Den Haag: Ministerie van V&W en VROM.
- Ministerie van Verkeer en Waterstaat (2004), *Kaartenbijlagen behorend bij de publicatie van het Luchthavenverkeerbesluit Schiphol en Luchthavenindelingbesluit Schiphol in het Staatsblad, DG Luchtvaart*, Den Haag: Ministerie van V&W.

European airports

Corine Land Cover of Europe,
International Air Transport Association (IATA),
Air Transport Action Group (ATAG),

Airports Council International (ACI),
www.airports.de, www.bba-aviation.com, www.aci-europe.org,
www.ityt.com

WEBSITES

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www.luchtvaartbeleid.nl
www.rivm.nl/milieuennatuurcompendium
www.statline.nl
www.luchtmacht.nl
www.minven.nl
www.minlnv.nl
www.vrom.nl
www.nieuwekaartvannederland.nl
www.iata.org
www.icao.int
www.azworldairports.com
www.world-airport-codes.com
www.aricraft-charter-world.com
www.mvel.nrw.de
www.adv-net.org
www.dft.gov.uk

Websites airports

Netherlands
www.schiphol.nl
www.cros-info.nl
www.rotterdam-airport.nl
www.milieuendienstrijnmond.nl
www.eindhovenairport.nl
www.maa.nl
www.limburg.nl
(site milieu&waterbeleid)
www.gae.nl
www.enschede-airport.nl
www.lelystad-airport.nl

Belgium

www.brusselsairport.be
www.antwerpairport.be
www.charleroi-airport.com

www.liegeairport.com

Germany

www.flughafen-frankfurt.com
www.ausbau.fraport.com
www.cargocity-frankfurt.com
www.duesseldorf-international.de
www.ham.airport.de
www.hartrodt.de
www.airport-cgn.de
www.stuttgart-airport.com
www.hannover-airport.de
www.hahn-airport.de
www.airport-bremen.de
www.fmo.de
www.fmo-cargo.de
www.flughafen-dortmund.de
www.duesseldorf-regional-weeze.de
[http://www.adv-net.org/eng/gfx/adv/mitglflughafen.php\(=statistics 2003\)](http://http://www.adv-net.org/eng/gfx/adv/mitglflughafen.php(=statistics 2003))
www.mgl.de

Luxembourg

www.luxairport.lu

France

www.adp.fr
www.aeroportbeauvais.com
www.lille.aeroport.fr

Great Britain

www.baa.co.uk
www.baa.co.uk/main/airports/heathrow
www.baa.com/main/airports/gatwick
www.baa.com/main/airports/stansted
www.london-luton.co.uk
www.eastmidlandsairport.com
www.londoncityairport.com
www.lcacc.org

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