

# ATLAS OF CARGO AIRPORTS IN EUROPE





# ATLAS OF CARGO AIRPORTS IN EUROPE

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**Airport publications by The Netherlands Institute for Spatial Research  
(Ruimtelijk Planbureau)**

*Ontwerpatelier Rotterdam Airport november 4th 2004  
Urban design workshop Rotterdam Airport*

*Ontwerpatelier Lelystad airport march 4th 2005  
Urban design workshop Lelystad airport*

*Atlas of Airports in Northwest Europe (2005)*

*Verkenning regionale luchthavens (2005)  
Regional airports study (2005)*

*Geluid rondom luchthavens (2006)  
Noise around airports (2006)*

*De toekomst van Schiphol (2007)  
The future of Schiphol-airport (2007)*

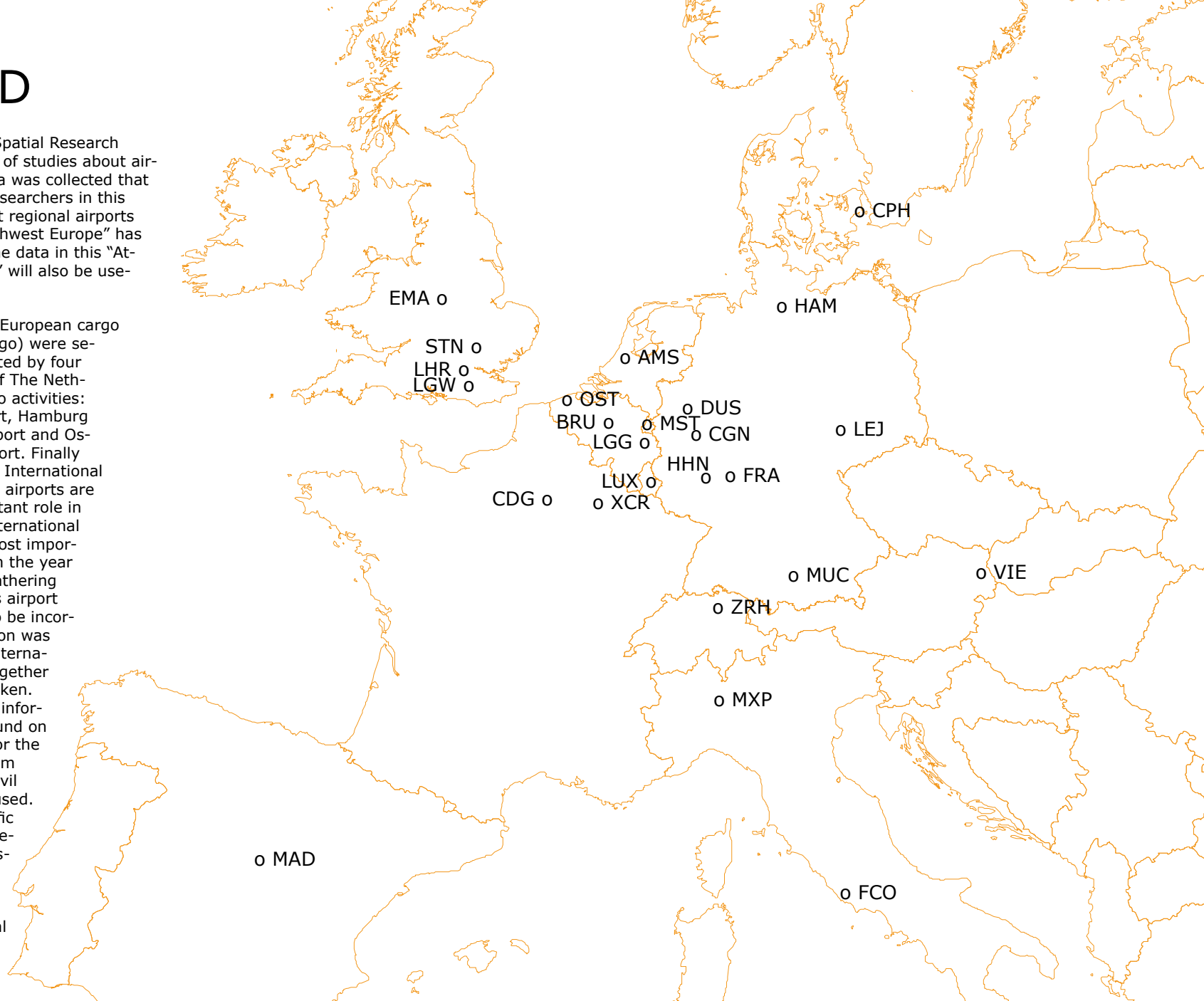
*These publications are written in Dutch with an English summary.  
They can be downloaded from [www.rpb.nl/en-gb/](http://www.rpb.nl/en-gb/).*

# FOREWORD

The Netherlands Institute for Spatial Research (RPB) has published a number of studies about airports. During the research data was collected that could be of interest to other researchers in this area. The data published about regional airports in the "Atlas of airports in Northwest Europe" has had many readers. We hope the data in this "Atlas of cargo airports in Europe" will also be useful for researchers.

At first the 20 most important European cargo airports in 2005 (in tonnes cargo) were selected. These were supplemented by four airports in and in the vicinity of The Netherlands with considerable cargo activities: Düsseldorf International Airport, Hamburg Airport, Maastricht Aachen Airport and Ostend-Bruges International Airport. Finally Leipzig/Halle Airport and Vatry International Airport were added. These two airports are intended to play a more important role in the future. Istanbul Atatürk International Airport is also one of the 20 most important European cargo airports in the year 2005. During the process of gathering the required data, data for this airport was incomplete and seemed to be incorrect. For this reason the decision was made not to publish Atatürk International Airport in this atlas. Altogether the data of 25 airports were taken. For the most part the relevant information and traffic data was found on the websites of the airports. For the 4 airports in the United Kingdom traffic data published by the Civil Aviation Authority (CAA) was used. For the 7 German airports traffic data published by the Arbeitsgemeinschaft Deutscher Verkehrsflughäfen (ADV) was used.

Suggestions for improvement are welcomed on [klaver@rpb.nl](mailto:klaver@rpb.nl) or [gordijn@rpb.nl](mailto:gordijn@rpb.nl).



# AMSTERDAM AIRPORT SCHIPHOL - AMS

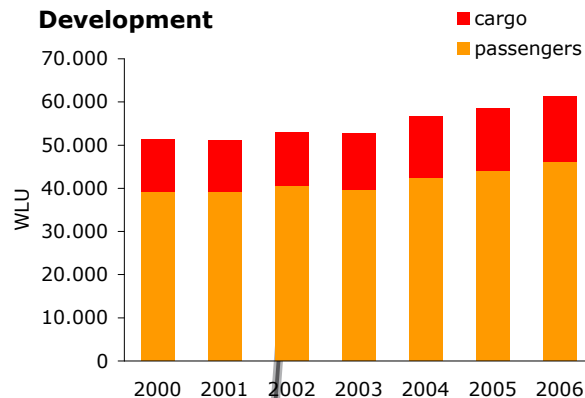
## AIRPORT FIGURES 2006

multi airport system	no
number of runways	6
surface (ha)	2.787
number of passenger terminals	1
surface cargo terminals first line (m <sup>2</sup> GFA)	225.000
surface cargo terminals second line (m <sup>2</sup> GFA)	150.000
passenger traffic:	
transfer	42%
number of destinations (week 38 2006)	254
intercontinental destinations	114
ICA-traffic (as % of total traffic)	21%
ASK (% ICA)	75%
turnover - group total (million euro)	1.037
airport company	Schiphol Group
private shareholders	0%
employment (oct 2006)	61.169

## DEVELOPMENT

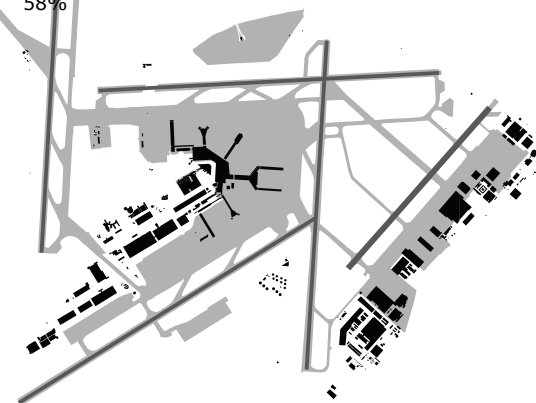
	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	415	417	401	393	403	405	440	6%
number of passengers (*1000)	39.271	39.309	40.588	39.809	42.425	44.078	46.066	17%
cargo (tonnes):								
unloaded	592.436	558.441	597.635	661.689	747.540	774.486	795.566	34%
loaded	630.158	624.767	642.265	644.466	673.575	675.369	730.935	16%
total	1.222.594	1.183.208	1.239.900	1.306.155	1.421.115	1.449.855	1.526.501	25%
mail (tonnes)	44.792	50.953	48.726	47.605	46.181	46.064	40.321	-10%
total cargo and mail (tonnes)	1.267.386	1.234.161	1.288.626	1.353.760	1.467.296	1.495.919	1.566.822	24%
WLU	51.944	51.651	53.474	53.346	57.098	59.037	61.734	19%
of which cargo and mail	24%	24%	24%	25%	26%	25%	25%	
passenger/combi share in transported cargo	51%	51%	49%	46%	43%	43%	42%	
full freighter-share in transported cargo	49%	49%	51%	54%	57%	57%	58%	

## Development



## TOP 10 ORIGIN AND DESTINATION OF CARGO (2005)

airport of origin	airport of destination	country of origin	country of destination
1 Hongkong	1 Dubai	1 USA	1 USA
2 Nairobi	2 Hongkong	2 China (Hongkong excl.)	2 UAE
3 Shanghai	3 Singapore	3 Hongkong	3 Japan
4 Singapore	4 Chicago	4 Japan	4 China (Hongkong excl.)
5 Dubai	5 New York	5 Kenya	5 Hongkong
6 Tel Aviv	6 Tokyo	6 UAE	6 Singapore
7 Incheon	7 Incheon	7 Singapore	7 Mexico
8 Tokyo	8 Mexico City	8 Malaysia	8 South Korea
9 Kuala Lumpur	9 Shanghai	9 Israel	9 South Africa
10 Chicago	10 Tel Aviv	10 South Korea	10 Israel



- ✈ Airport (case)
- Motorway
- - - Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water

Amsterdam region  
1:300.000



# BRUSSELS AIRPORT - BRU

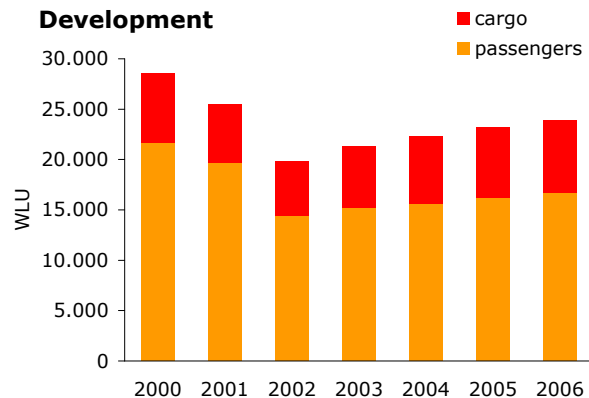
## AIRPORT FIGURES 2006

multi airport system	no
number of runways	3
surface (ha)	1.245
number of passenger terminals	1
surface cargo terminals first line (m <sup>2</sup> GFA)	-
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passenger traffic:	
transfer and transit (2005)	8%
number of destinations (week 38 2006)	138
intercontinental destinations	-
ICA-traffic (as % of total traffic)	10%
ASK (% ICA)	47%
turnover (million euro)	347
airport company	The Brussels Airport Company
private share	70%
employment (2005)	19.891

## DEVELOPMENT

	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	326	306	257	252	252	253	255	-22%
number of passengers (*1000)	21.637	19.685	14.411	15.194	15.633	16.180	16.708	-23%
cargo (tonnes):								
unloaded	-	-	-	-	-	-	-	-
loaded	-	-	-	-	-	-	-	-
total	687.385	583.729	536.826	607.136	664.375	702.819	720.000	5%
mail (tonnes)	-	-	-	-	-	-	-	-
total cargo and mail (tonnes)	687.385	583.729	536.826	607.136	664.375	702.819	720.000	5%
WLU	28.511	25.522	19.779	21.265	22.277	23.208	23.908	-16%
of which cargo and mail	24%	23%	27%	29%	30%	30%	30%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	
full freighter-share in transported cargo	-	-	-	-	-	-	-	

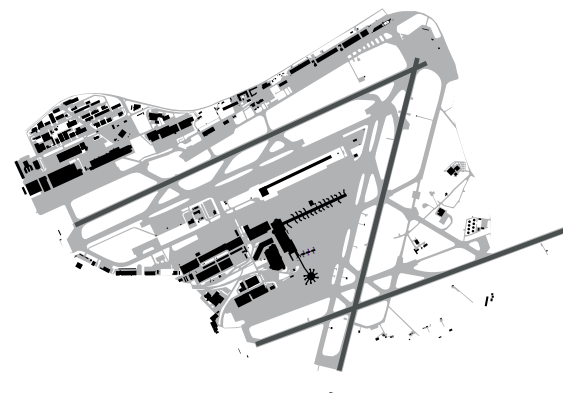
## Development



## TOP 10 ORIGIN AND DESTINATION OF CARGO (2005)

### airport of destination

- 1 New York
- 2 Singapore
- 3 Seoul
- 4 Riyadh
- 5 East Midlands Derby
- 6 Hong Kong
- 7 Taipei
- 8 London
- 9 Dayton
- 10 Milan





- ✈ Airport (case)
- Motorway
- Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Brussels region

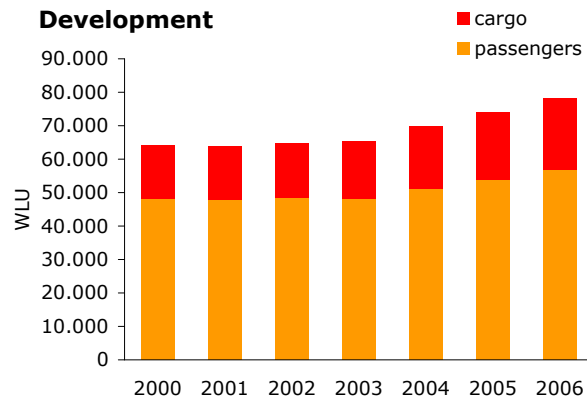
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# CHARLES DE GAULLE INTERNATIONAL AIRPORT - CDG

## AIRPORT FIGURES 2006

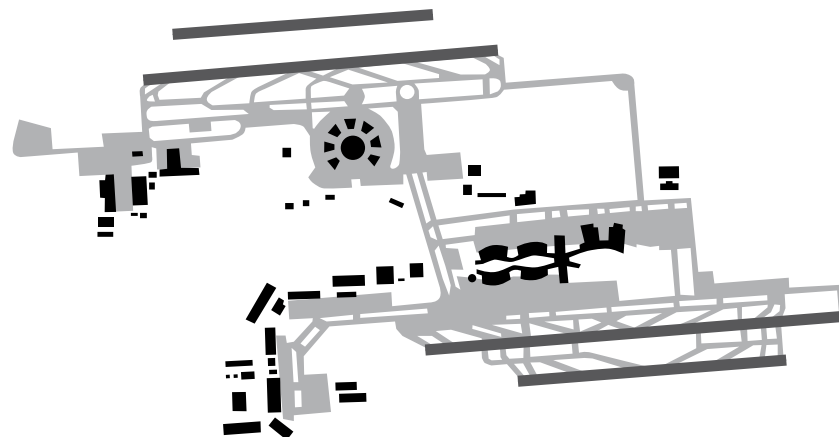
multi airport system	yes with Paris-Orly and Paris-Le Bourget
number of runways	4
surface (ha)	3.257
number of passenger terminals	3
surface cargo terminals total (m <sup>2</sup> GFA)	500.000
passenger traffic:	
transfer	32%
number of destinations (week 38 2006)	239
intercontinental destinations	106
ICA-traffic (as % of total traffic)	27%
ASK (% ICA)	84%
airport company	Aéroports de Paris
turnover (ADP)	2.078
private share	29%
employment (2005)	80.000

## Development

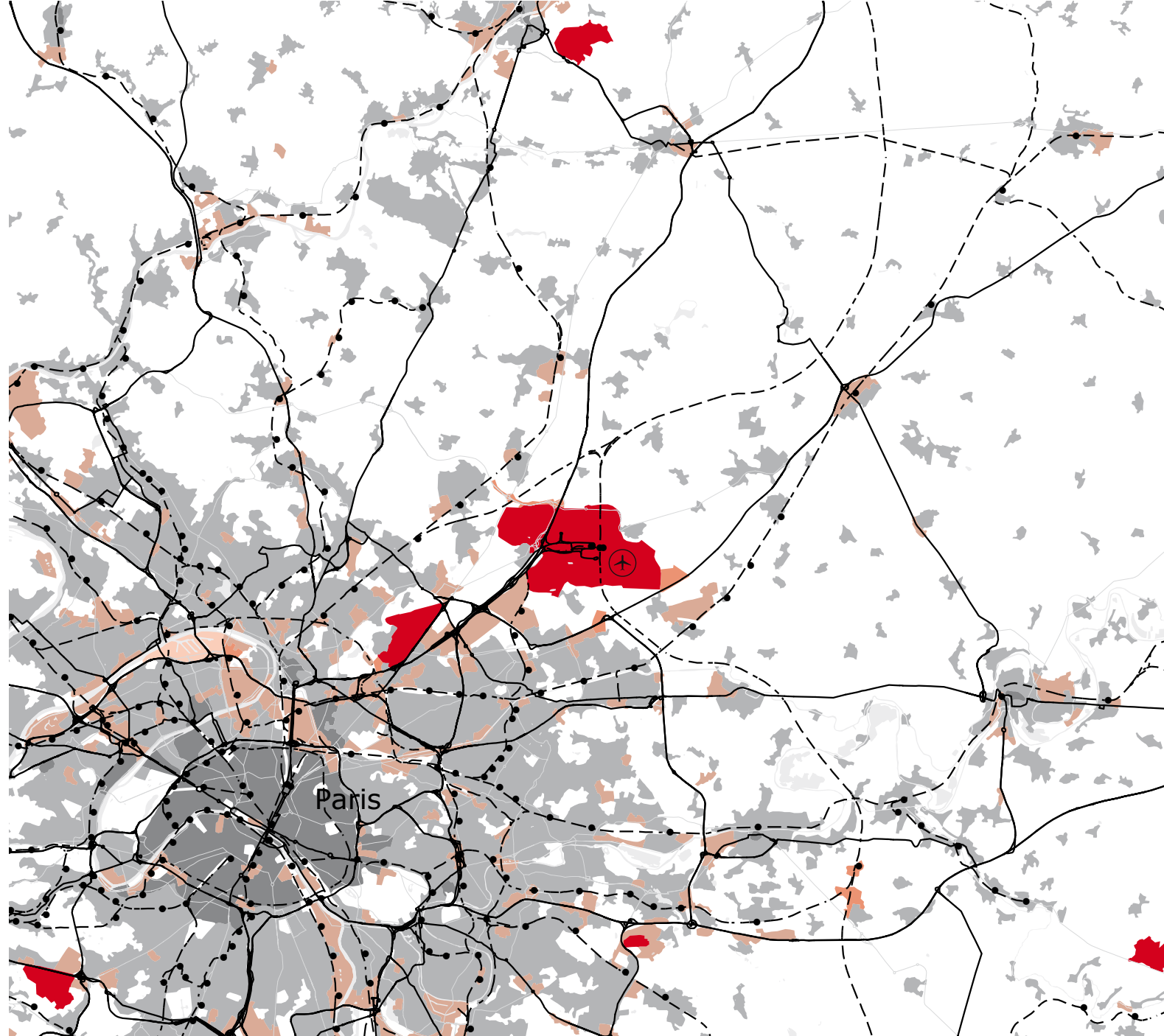


## DEVELOPMENT

	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	467	509	510	515	516	523	542	16%
number of passengers (*1000)	48.246	47.997	48.359	48.220	51.260	53.798	56.850	18%
cargo (tonnes):								
unloaded	-	-	-	-	-	-	-	-
loaded	-	-	-	-	-	-	-	-
total	-	-	1.398.900	1.496.800	1.635.680	1.767.250	1.884.200	-
mail (tonnes)	-	-	227.400	226.800	239.258	243.101	246.524	-
total cargo and mail (tonnes)	1.610.484	1.591.910	1.626.300	1.723.600	1.874.938	2.010.351	2.130.724	32%
WLU	64.351	63.916	64.622	65.456	70.010	73.902	78.157	21%
of which cargo and mail	25%	25%	25%	26%	27%	27%	27%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	-
full freighter-share in transported cargo	-	-	-	-	-	-	-	-



- ✈ Airport (case)
- Motorway
- Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Paris region

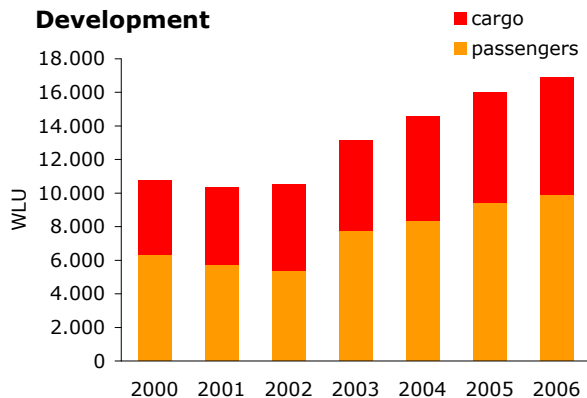
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# COLOGNE BONN AIRPORT - CGN

## AIRPORT FIGURES 2006

multi airport system	no
number of runways	3
surface (ha)	1.000
number of passenger terminals	2
surface cargo terminals first line (m <sup>2</sup> GFA)	-
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passenger traffic:	
transfer	-
number of destinations (week 38 2006)	102
intercontinental destinations	-
ICA-traffic (as % of total traffic)	1%
ASK (% ICA)	7%
turnover (2005; million euro)	245
airport company	Flughafen Köln/Bonn GmbH
private share	0%
employment (2005)	11.929

## Development

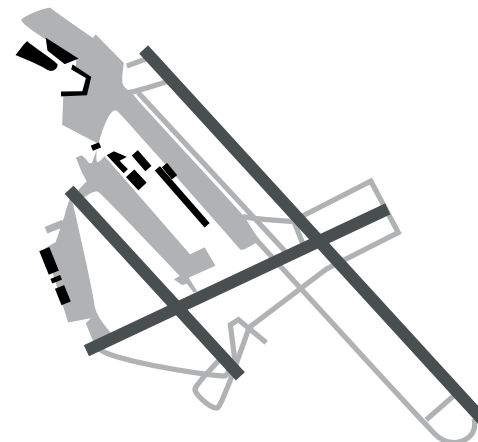


## DEVELOPMENT

	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	156	150	139	153	153	155	152	-3%
number of passengers (*1000)	6.292	5.706	5.375	7.759	8.333	9.452	9.904	57%
cargo (tonnes):								
unloaded	210.911	221.267	244.259	256.106	303.772	317.189	334.432	59%
loaded	212.730	221.773	250.622	262.387	301.297	319.698	351.131	65%
total (including transit)	427.726	448.426	501.080	527.365	613.299	650.949	698.273	63%
mail (tonnes, including transit)	18.570	15.292	14.349	12.632	10.396	6.723	5.568	-70%
total cargo and mail (tonnes, including transit)	446.296	463.718	515.429	539.997	623.695	657.672	703.841	58%
WLU	10.755	10.343	10.529	13.159	14.570	16.029	16.943	58%
of which cargo and mail	41%	45%	49%	41%	43%	41%	42%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	
full freighter-share in transported cargo	-	-	-	-	-	-	-	

## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

airport of origin	airport of destination
1 Dubai	1 Nottingham
2 Nottingham	2 Bergamo
3 Istanbul	3 Hong Kong
4 Philadelphia	4 Philadelphia
5 Bergamo	5 Istanbul
6 New York	6 Malmo
7 Sharjah	7 Bahrain
8 Malmo	8 Dubai
9 Delhi	9 Newark
10 London	10 Memphis



- ✈ Airport (case)
- Motorway
- - - Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Cologne region

1:300.000

# COPENHAGEN AIRPORT - CPH

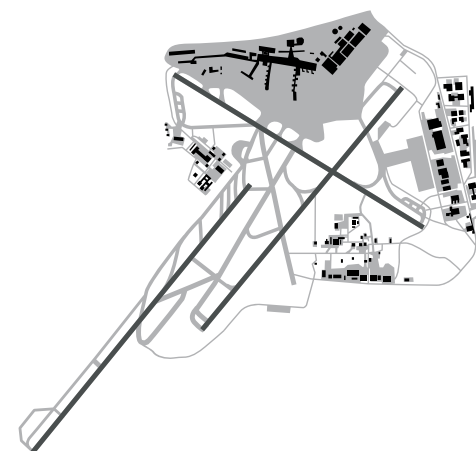
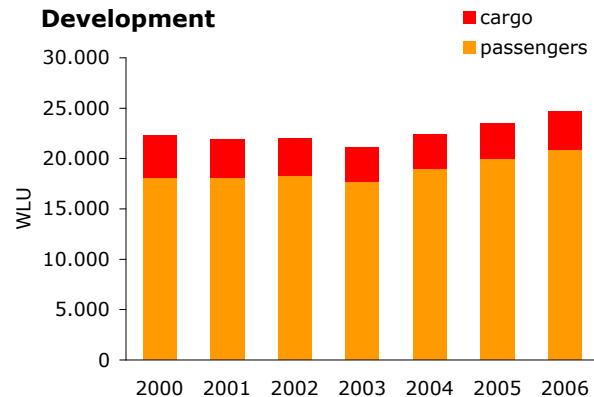
## AIRPORT FIGURES 2006

multi airport system	no
number of runways	3
surface (ha)	1.180
number of passenger terminals	3
surface cargo terminals first line (m <sup>2</sup> GFA)	45.850
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passenger traffic:	
transfer	30%
number of destinations (week 38 2006)	113
intercontinental destinations	19
ICA-traffic (as % of total traffic)	3%
ASK (% ICA)	43%
turnover (million euro, group total)	387
airport company	Copenhagen Airports A/S
private share	61%
employment	22.000

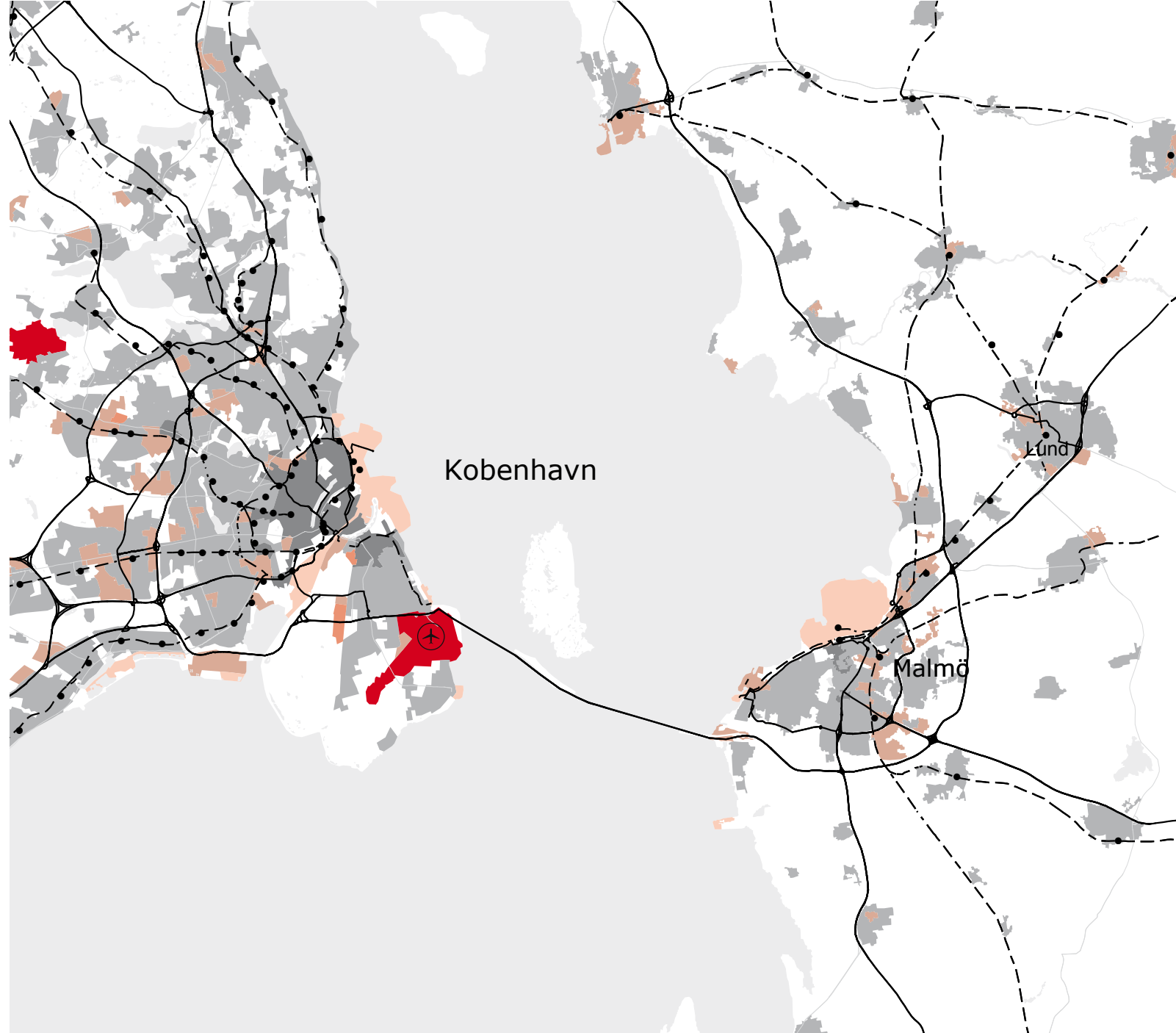
## DEVELOPMENT

	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	304	289	267	259	273	269	258	-15%
number of passengers (*1000)	18.120	18.136	18.272	17.714	19.035	19.982	20.877	15%
cargo (tonnes):								
unloaded	49.469	40.814	39.317	43.915	41.431	42.130	48.330	-2%
loaded	69.950	63.742	57.842	63.575	64.241	54.987	50.628	-28%
total (including transfer)	419.432	379.037	373.694	335.731	335.649	355.087	380.024	-9%
mail (tonnes)	-	-	-	-	-	-	-	-
total cargo and mail (tonnes, including transfer)	419.432	379.037	373.694	335.731	335.649	355.087	380.024	-9%
WLU	22.314	21.927	22.009	21.071	22.391	23.533	24.678	11%
of which cargo and mail	19%	17%	17%	16%	15%	15%	15%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	
full freighter-share in transported cargo	-	-	-	-	-	-	-	

## Development



- ✈ Airport (case)
- Motorway
- - - Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Copenhagen region  
1:300.000

# DUSSELDORF INTERNATIONAL AIRPORT - DUS

## AIRPORT FIGURES 2006

multi airport system	no
number of runways	3
surface (ha)	613
number of passenger terminals	3
surface cargo terminals total (m <sup>2</sup> GFA)	39.600

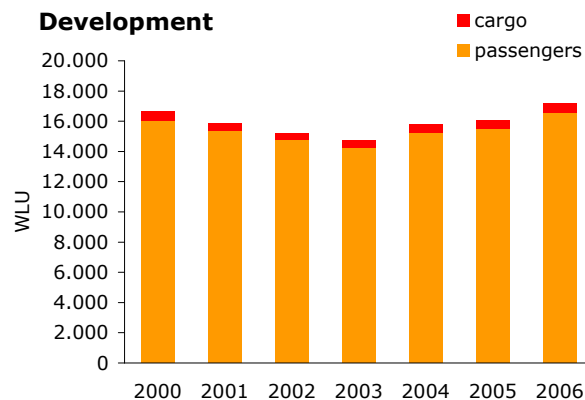
## passenger traffic:

transfer	-
number of destinations	152
intercontinental destinations (week 38 2006)	41
ICA-traffic (as % of total traffic)	6%
ASK (% ICA)	34%
turnover (million euro)	377
airport company	Flughafen Düsseldorf GmbH
private share	50%
employment	15.864

## DEVELOPMENT

	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	194	194	190	186	201	201	215	11%
number of passengers (*1000)	16.028	15.393	14.742	14.273	15.257	15.511	16.590	4%
cargo (tonnes):								
unloaded	25.082	21.658	19.118	23.568	31.461	32.151	33.010	32%
loaded	34.278	29.820	26.389	23.798	24.494	24.395	26.317	-23%
total (including transit)	59.797	52.426	46.087	48.400	56.732	57.459	60.162	1%
mail (tonnes, including transit)	168	171	145	123	106	136	107	-36%
total cargo and mail (tonnes, including transit)	59.965	52.597	46.232	48.523	56.838	57.595	60.269	1%
WLU	16.628	15.919	15.204	14.758	15.825	16.087	17.193	3%
of which cargo and mail	4%	3%	3%	3%	4%	4%	4%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	
full freighter-share in transported cargo	-	-	-	-	-	-	-	

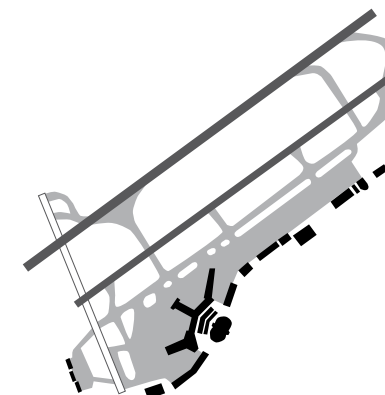
## Development










## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

### airport of origin

- 1 Dubai
- 2 New York
- 3 Burgas
- 4 Istanbul
- 5 Frankfurt
- 6 Munich
- 7 Sharjah
- 8 Atlanta
- 9 Bangkok
- 10 Paris





-  Airport (case)
-  Motorway
-  Railway
-  National border
-  Built area - dense
-  Built area
-  Airport
-  Industrial
-  Port
-  Water



Düsseldorf region

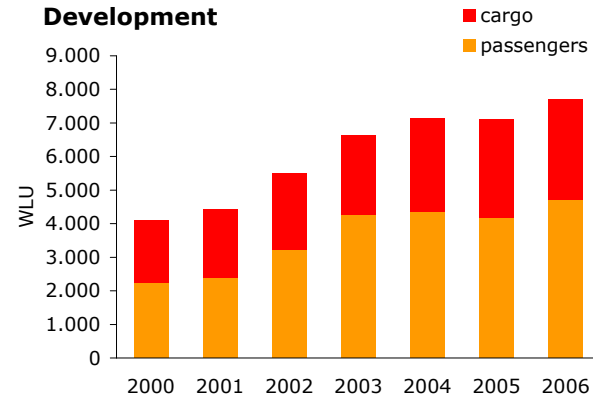
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# EAST MIDLANDS AIRPORT NOTTINGHAM LEICESTER DERBY - NQT

## AIRPORT FIGURES 2006

multi airport system	no
number of runways	1
surface (ha)	-
number of passenger terminals	1
surface cargo terminals first line (m <sup>2</sup> GFA)	-
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passenger traffic:	
transfer	-
number of destinations (week 38 2006)	47
intercontinental destinations	-
ICA-traffic (as % of total traffic)	1%
ASK (% ICA)	1%
airport company	Manchester Airports Group
turnover (million euro; april 2005 - march 2006)	74
private share	0%
employment	6.500

## Development



## DEVELOPMENT\*

	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	68	74	83	90	89	86	89	31%
number of passengers (*1000)	2.227	2.380	3.233	4.254	4.375	4.182	4.721	112%
cargo (tonnes):								
unloaded	-	-	-	-	-	-	-	
loaded	-	-	-	-	-	-	-	
total	178.248	195.009	219.252	227.060	253.053	266.569	272.303	5277%
mail (tonnes)	8.817	9.204	9.402	10.284	24.132	25.580	25.980	195%
total cargo and mail (tonnes)	187.065	204.213	228.654	237.344	277.185	292.149	298.283	59%
WLU	4.098	4.422	5.520	6.627	7.147	7.103	7.704	88%
of which cargo and mail	46%	46%	41%	36%	39%	41%	39%	
passenger/combi share in transported cargo (incl. mail)	-	-	-	-	-	0%	0%	
full freighter-share in transported cargo (incl. mail)	-	-	-	-	-	100%	100%	

## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

airport of origin	airport of destination
1 Cologne/Bonn	1 Cologne/Bonn
2 Belfast	2 Belfast
3 Wilmington	3 Wilmington
4 Brussels	4 Brussels
5 Philadelphia	5 Edinburgh
6 Edinburgh	6 Dublin
7 Bergamo	7 Philadelphia
8 Liege	8 Bergamo
9 Paris	9 Paris
10 Dublin	10 Frankfurt



- ✈ Airport (case)
- Motorway
- Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



East Midlands region

1:300.000

# FRANKFURT AIRPORT - FRA

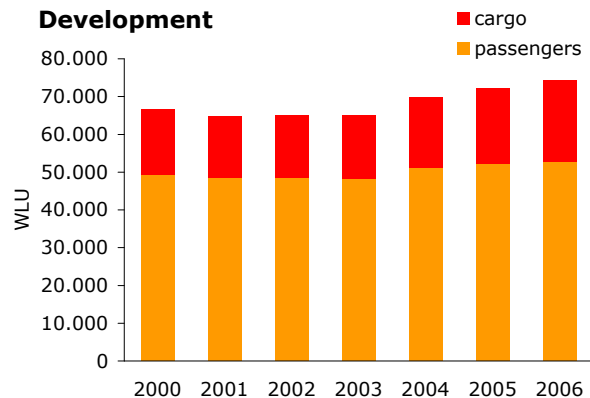
## AIRPORT FIGURES 2006

multi airport system	no
number of runways	3
surface (ha)	1.940
number of passenger terminals	2
surface cargo terminals total (m <sup>2</sup> GFA)	353.555
passenger traffic:	
transfer	53%
number of destinations (week 38 2006)	285
intercontinental destinations	-
ICA-traffic (as % of total traffic)	17%
ASK (% ICA)	84%
turnover (group total)	2.144
airport company	Fraport AG
private share	48%
employment	68.500

## DEVELOPMENT

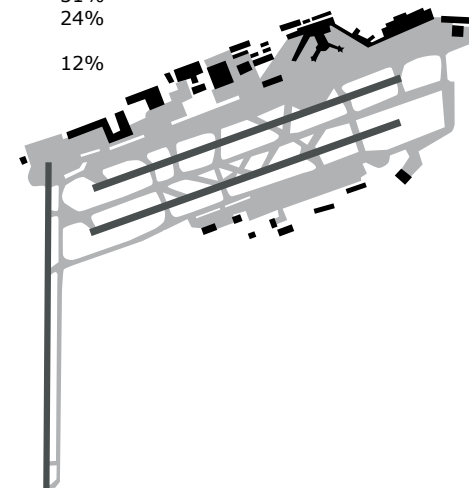
	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	459	456	458	459	477	490	489	7%
number of passengers (*1000)	49.361	48.560	48.450	48.352	51.098	52.219	52.811	7%
cargo (tonnes):								
unloaded	737.828	688.562	706.710	742.099	839.587	935.605	1.017.610	38%
loaded	835.617	787.814	788.333	785.073	884.205	929.009	1.013.702	21%
total (including transit)	1.589.430	1.494.125	1.514.845	1.548.014	1.750.995	1.892.098	2.057.174	29%
mail (tonnes, including transit)	141.013	141.111	140.957	126.724	117.824	99.437	96.889	-31%
total cargo and mail (tonnes, including transit)	1.730.443	1.635.236	1.655.802	1.674.738	1.868.819	1.991.535	2.154.063	24%
WLU	66.665	64.912	65.008	65.099	69.786	72.135	74.351	12%
of which cargo and mail	26%	25%	25%	26%	27%	28%	29%	
passenger/combi share in transported cargo	-	-	-	-	47%	44%	41%	
full freighter-share in transported cargo	-	-	-	-	53%	56%	59%	

## Development

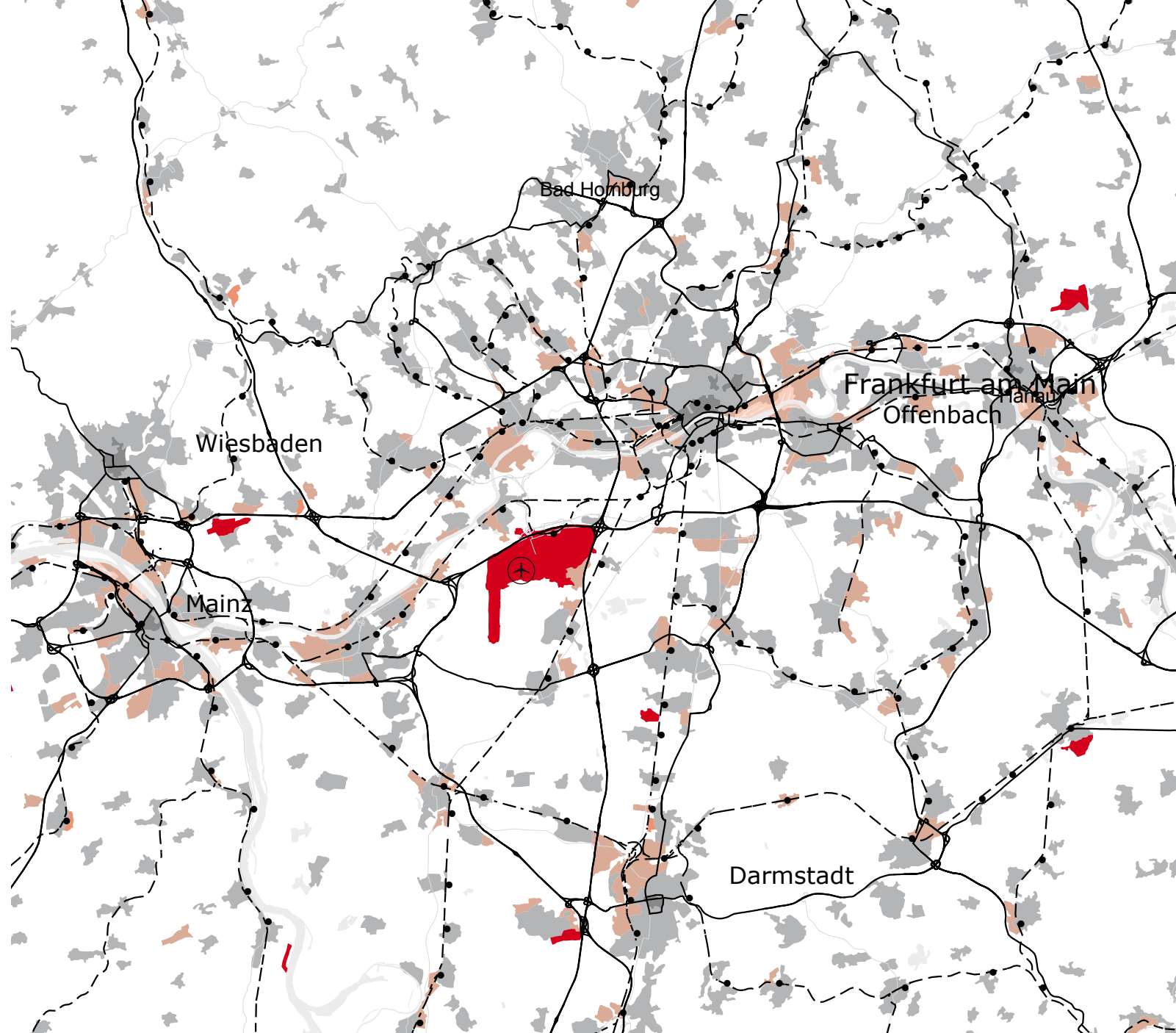


## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

airport of origin	airport of destination
1 Dubai	1 Dubai
2 Sharjah	2 Gimpo
3 Gimpo	3 Chicago
4 Chicago	4 Narita
5 Beijing	5 New York
6 Astana	6 Dakar
7 Tashkent	7 Beijing
8 Almaty	8 Toronto
9 Krasnoyarsk	9 Astana
10 Dakar	10 Moscow



- ✈ Airport (case)
- Motorway
- Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Frankfurt region

1:300.000

# FRANKFURT-HAHN AIRPORT - HHN

## AIRPORT FIGURES 2006

multi airport system	no
number of runways	1
surface (ha)	560
number of passenger terminals	1
surface cargo terminals first line (m <sup>2</sup> GFA)	-
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passenger traffic:	
transfer	-
number of destinations (week 38 2006)	32
intercontinental destinations	-
ICA-traffic (as % of total traffic)	0
ASK (% ICA)	0
turnover	44
airport company	Flughafen Frankfurt-Hahn GmbH
private share	31%
employment	2.891

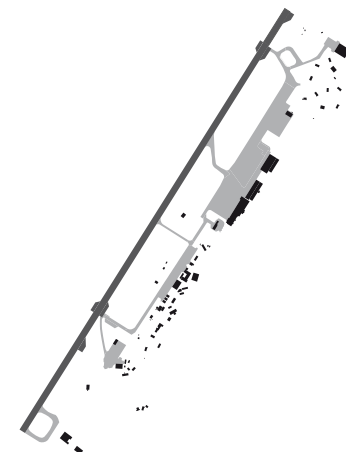
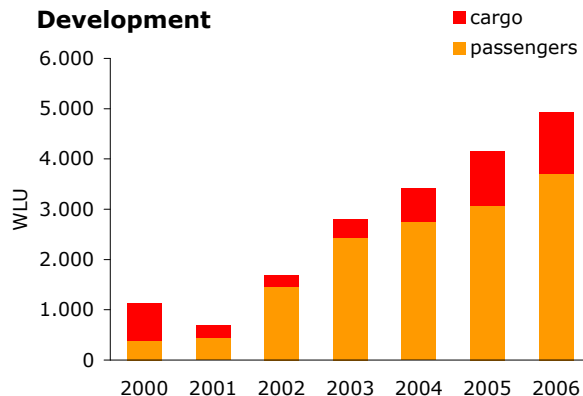
## DEVELOPMENT

	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	23	23	26	31	31	37	40	70%
number of passengers (*1000)	380	451	1.458	2.432	2.760	3.080	3.705	874%
cargo (tonnes):								
unloaded	-	-	-	-	36.106	53.287	59.428	-
loaded	-	-	-	-	29.990	47.907	52.863	-
total (including transit)	74.958	23.987	22.408	36.575	66.121	107.302	123.164	64%
mail (tonnes, including transit)	-	-	-	-	0	0	0	-
total cargo and mail (tonnes, including transit)	74.958	23.987	22.408	36.575	66.121	107.302	123.164	64%
WLU	1.130	691	1.682	2.798	3.422	4.153	4.937	337%
of which cargo and mail	66%	35%	13%	13%	19%	26%	25%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	-
full freighter-share in transported cargo	-	-	-	-	-	-	-	-

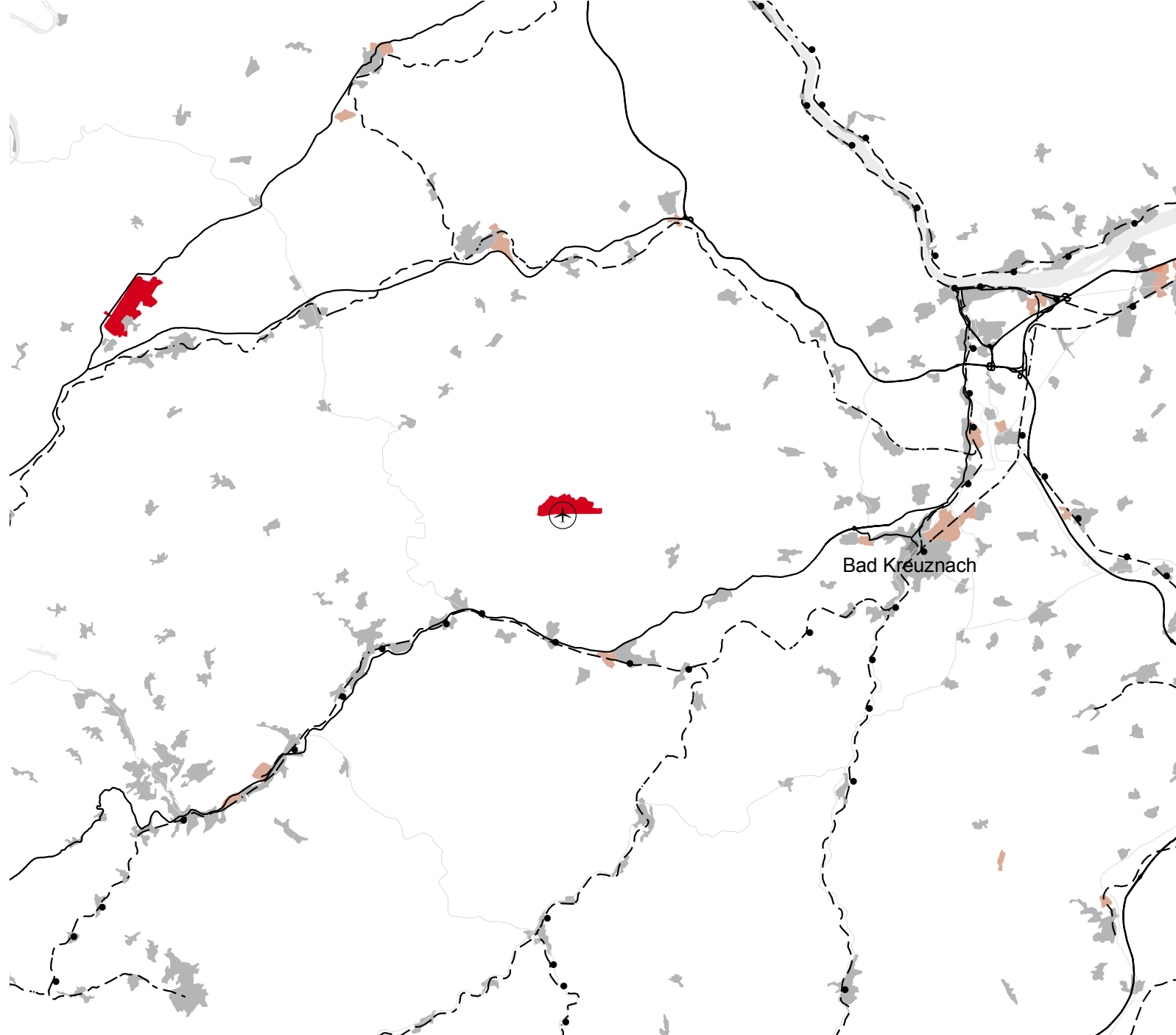
## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

airport of origin	airport of destination
1 Novosibirsk	1 Moscow
2 Baku	2 Cairo
3 Cairo	3 Baku
4 Dubai	4 Mumbai
5 Sharjah	5 Novosibirsk
6 Moscow	6 Trabzon
7 Bishek	7 Kuwait
8 Istanbul	8 Unknown
9 Trabzon	9 Unknown
10 Unknown	10 Bishkek

## Development



- ✈ Airport (case)
- Motorway
- Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Frankfurt Hahn region

1:300.000

# HAMBURG AIRPORT - HAM

## AIRPORT FIGURES 2006

multi airport system	no
number of runways	2
surface (ha)	570
number of passenger terminals	2
surface cargo terminals total (m <sup>2</sup> GFA)	19.000

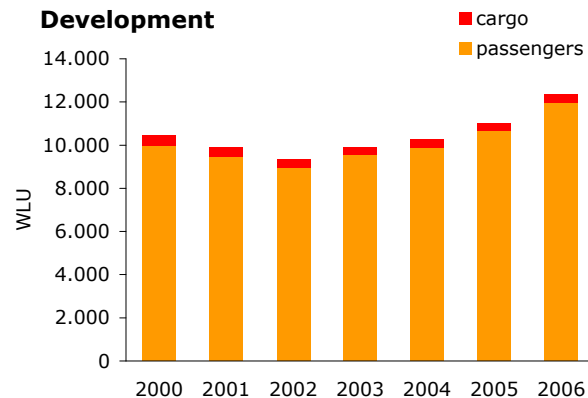
### passenger traffic:

transfer	-
number of destinations (week 38 2006)	99
intercontinental destinations	-
ICA-traffic (as % of total traffic)	1%
ASK (% ICA)	12%
turnover (2005, million euro)	223
airport company	Flughafen Hamburg GmbH
private share	49%
employment	12.228

## DEVELOPMENT

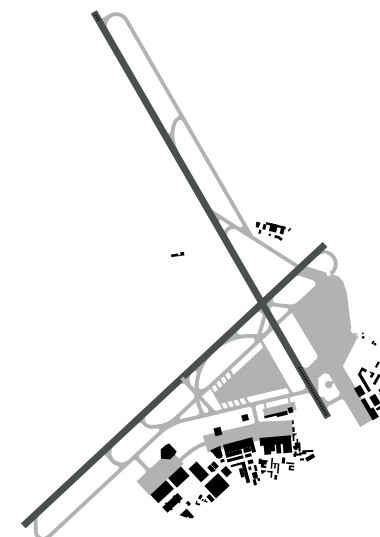
	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	165	159	150	149	151	156	168	2%
number of passengers (*1000)	9.949	9.490	8.947	9.530	9.894	10.676	11.954	20%
cargo (tonnes):								
unloaded	16.729	13.284	12.744	10.868	10.945	10.922	15.890	-5%
loaded	14.351	13.394	12.478	12.327	12.875	13.294	15.681	9%
total (including transit)	31.117	26.706	25.254	23.245	24.432	24.990	32.163	3%
mail (tonnes, including transit)	17.552	16.370	15.617	12.773	12.654	7.688	6.049	-66%
total cargo and mail (tonnes, including transit)	48.669	43.076	40.871	36.018	37.086	32.678	38.212	-21%
WLU	10.436	9.921	9.355	9.890	10.265	11.003	12.336	18%
of which cargo and mail	5%	4%	4%	4%	4%	3%	3%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	
full freighter-share in transported cargo	-	-	-	-	-	-	-	

## Development



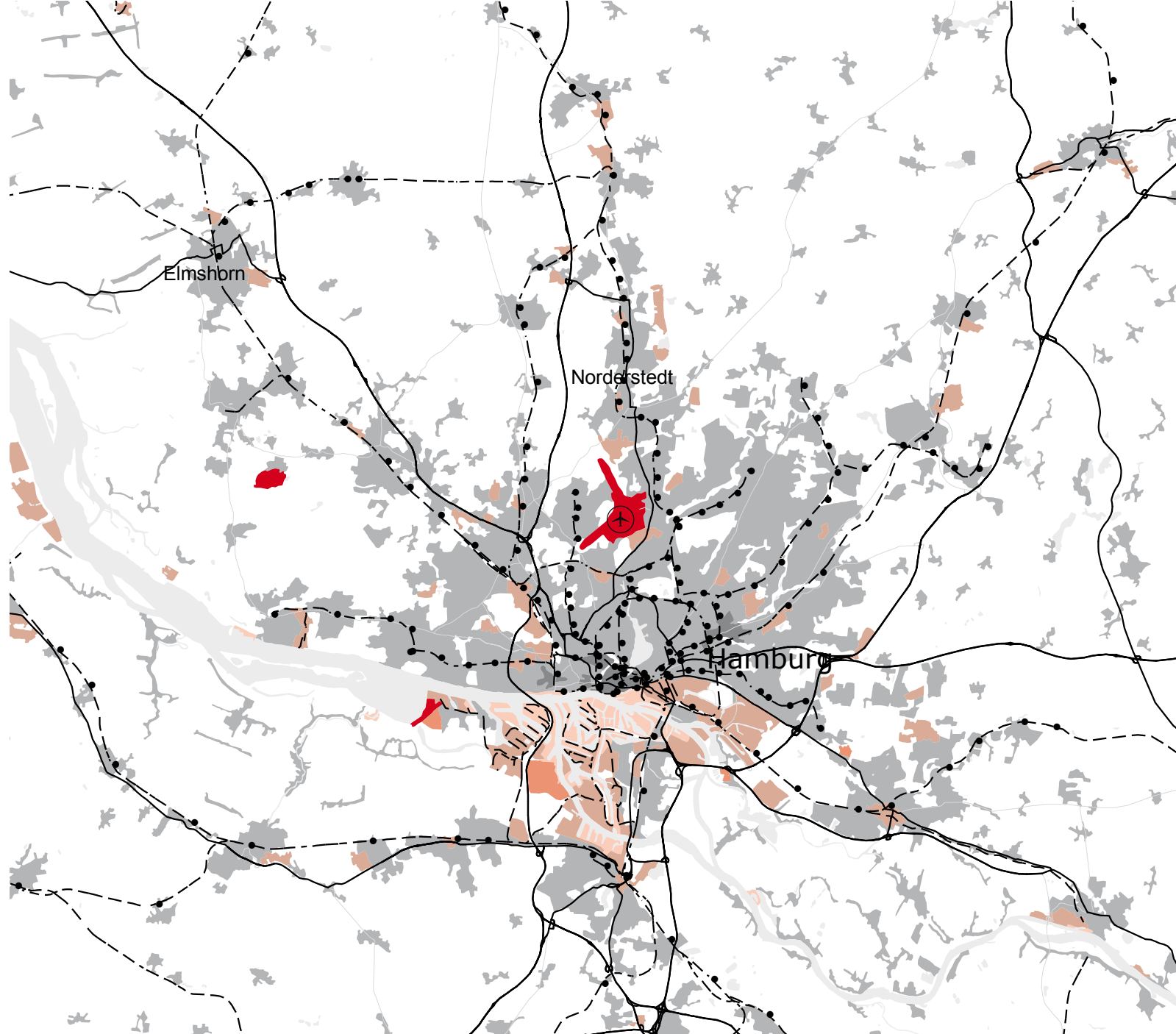
## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

airport of origin	airport of destination
1 Frankfurt	1 Frankfurt
2 Dubai	2 Cologne/Bonn
3 Cologne/Bonn	3 Dubai
4 Istanbul	4 Paris
5 Munich	5 New York
6 Tehran	6 Istanbul
7 Paris	7 Munich
8 Zurich	8 Zurich
9 New York	9 Theran
10 Moscow	10 Coventry





- ✈ Airport (case)
- Motorway
- Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Hamburg region

1:300.000

# LEIPZIG/HALLE AIRPORT - LEJ

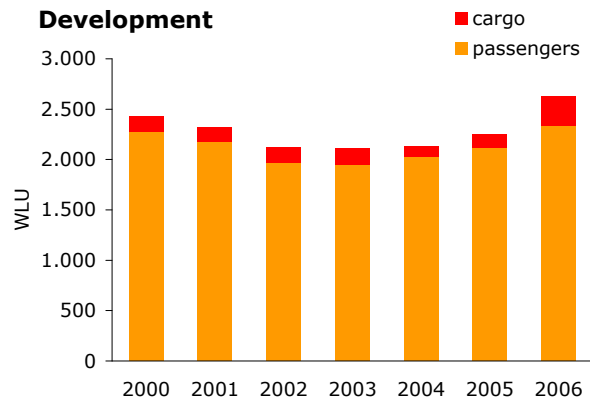
## AIRPORT FIGURES 2006

multi airport system	no
number of runways	2
surface (ha)	1.400
number of passenger terminals	1
surface cargo terminals first line (m <sup>2</sup> GFA)	34.190
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passenger traffic:	
transfer	-
number of destinations (week 38 2006)	34
intercontinental destinations	-
ICA-traffic (as % of total traffic)	2%
ASK (% ICA)	11%
turnover (2005, million euro)	47
airport company	Flughafen Leipzig/Halle GmbH
private share	0%
employment	2.200

## DEVELOPMENT

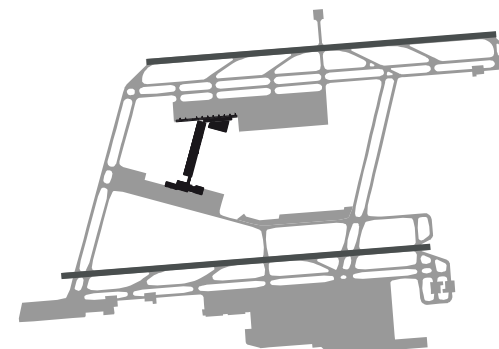
	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	47	42	41	40	39	38	42	-10%
number of passengers (*1000)	2.277	2.174	1.968	1.951	2.027	2.122	2.340	3%
cargo (tonnes):								
unloaded	3.646	2.774	2.754	3.427	2.014	4.573	12.108	232%
loaded	4.438	4.635	5.049	5.881	3.537	6.433	14.410	225%
total (including transit)	9.455	7.845	7.827	9.340	5.699	12.052	29.329	210%
mail (tonnes, including transit)	5.813	6.547	7.206	6.499	4.597	838	0	-100%
total cargo and mail (tonnes, including transit)	15.268	14.392	15.033	15.839	10.296	12.890	29.329	92%
WLU	2.430	2.318	2.119	2.110	2.130	2.251	2.633	8%
of which cargo and mail	6%	6%	7%	8%	5%	6%	11%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	
full freighter-share in transported cargo	-	-	-	-	-	-	-	

## Development



## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

airport of origin	airport of destination
1 Cologne/Bonn	1 Brussels
2 Brussels	2 Warsaw
3 Nottingham	3 Prague
4 Prague	4 Nottingham
5 Warsaw	5 Katowice
6 Novosibirsk	6 Gdansk
7 Katowice	7 Cologne/Bonn
8 Gdansk	8 Nuremberg
9 Bergamo	9 Lagos
10 Ashgabat	10 Moscow



- ✈ Airport (case)
- Motorway
- - - Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Halle Leipzig region

1:300.000

# LIEGE AIRPORT - LGG

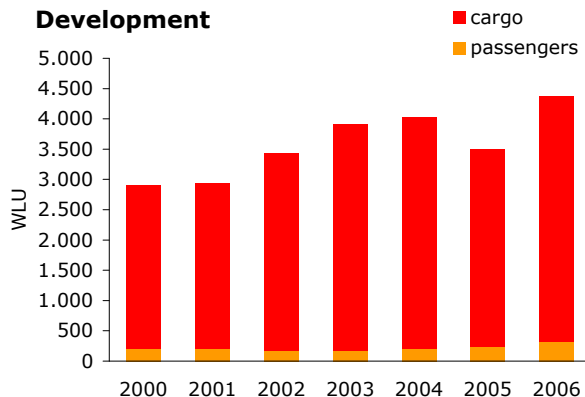
## AIRPORT FIGURES 2006

multi airport system	no
number of runways	2
surface (ha)	-
number of passenger terminals	1
surface cargo terminals first line (m <sup>2</sup> GFA)	62.560
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passenger traffic:	
transfer	0%
number of destinations (week 38 2006)	0
intercontinental destinations	0
ICA-traffic (as % of total traffic)	-
ASK (% ICA)	-
turnover (2005; million euro)	11
airport company	SAB S.A.
private share	-
employment (2005)	1.758

## DEVELOPMENT

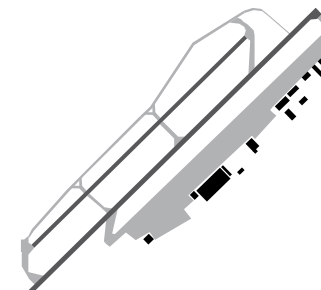
	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	36	36	33	39	38	42	46	28%
number of passengers (*1000)	200	207	166	174	207	236	307	54%
cargo (tonnes):								
unloaded	-	-	-	-	-	-	-	-
loaded	-	-	-	-	-	-	-	-
total	270.307	273.217	326.877	374.159	382.325	325.712	406.525	50%
mail (tonnes)	4	2	2	0	0	0	0,1	-97%
total cargo and mail (tonnes)	270.311	273.219	326.879	374.159	382.325	325.712	406.525	50%
WLU	2.903	2.939	3.435	3.916	4.030	3.493	4.373	51%
of which cargo and mail	93%	93%	95%	96%	95%	93%	93%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	
full freighter-share in transported cargo	-	-	-	-	-	-	-	

## Development

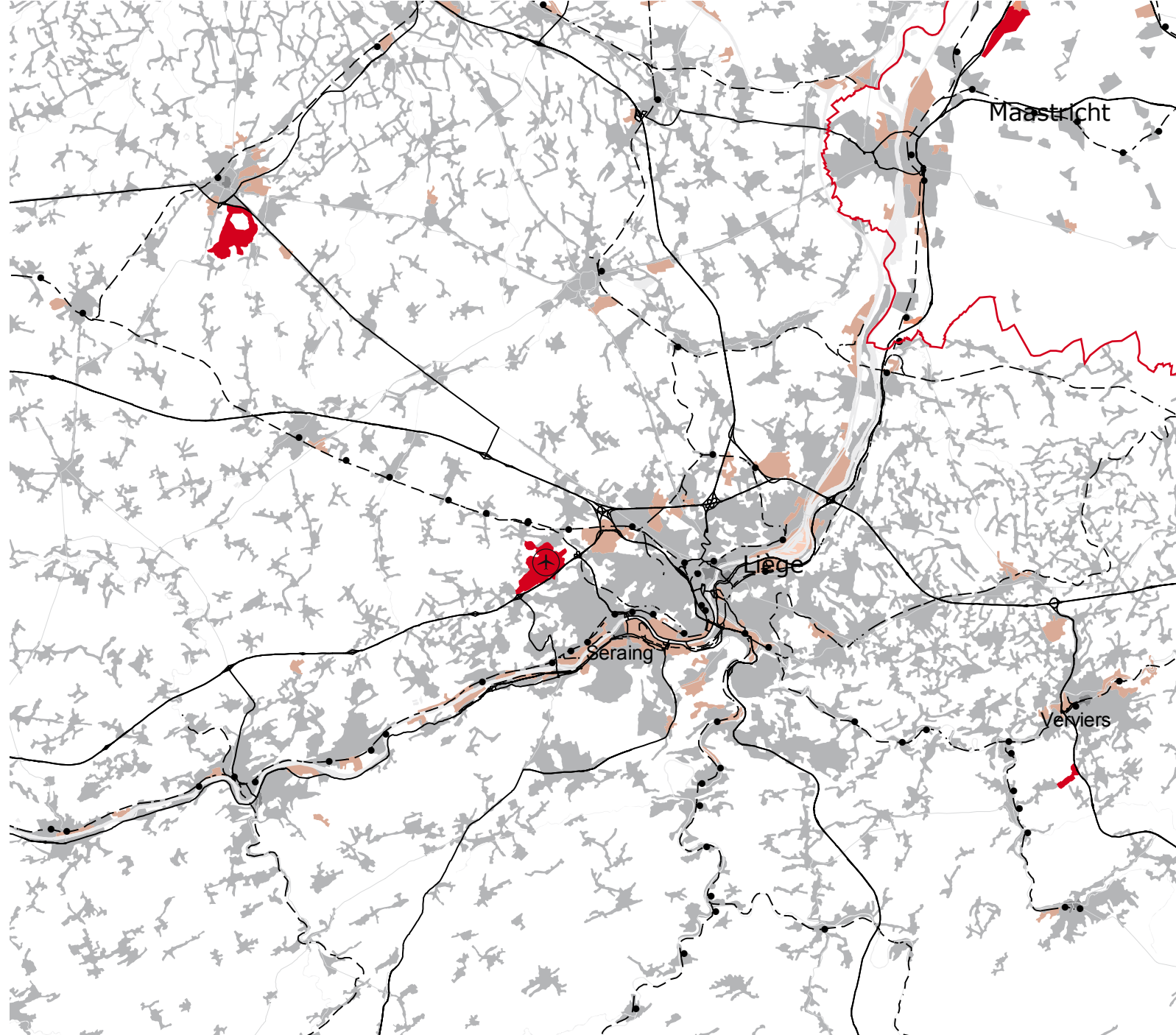


## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

airport of origin	destination
1 Tel-Aviv	1 Tel-Aviv
2 Newark	2 Bahrain
3 New York	3 London
4 London	4 Keflavik
5 Keflavik	5 New York
6 Milan	6 Madrid
7 Nottingham	7 Malmö
8 Malmö	8 Milan
9 Basel	9 Nottingham
10 Nuremberg	10 Göteborg



- ✈ Airport (case)
- Motorway
- - - Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Liège region

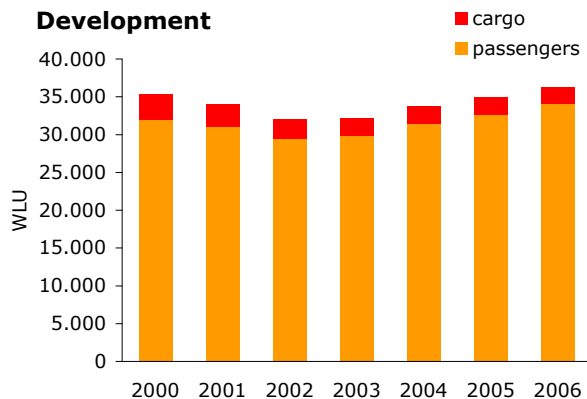
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# LONDON GATWICK AIRPORT - LGW

## AIRPORT FIGURES 2006

multi airport system	yes with Heathrow and Stansted
number of runways	1
surface (ha)	678
number of passenger terminals	2
surface cargo terminals total (m <sup>2</sup> GFA)	23.000
passenger traffic:	
transfer	-
number of destinations (week 38 2006)	186
intercontinental destinations	-
ICA-traffic (as % of total traffic)	22%
ASK (% ICA)	72%
turnover (million euro; april 2005 - march 2006)	476
airport company	BAA Limited
private share	100%
employment (2005)	approximately 25.000

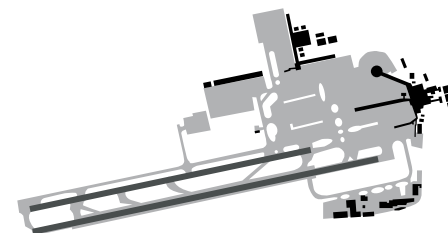
## Development



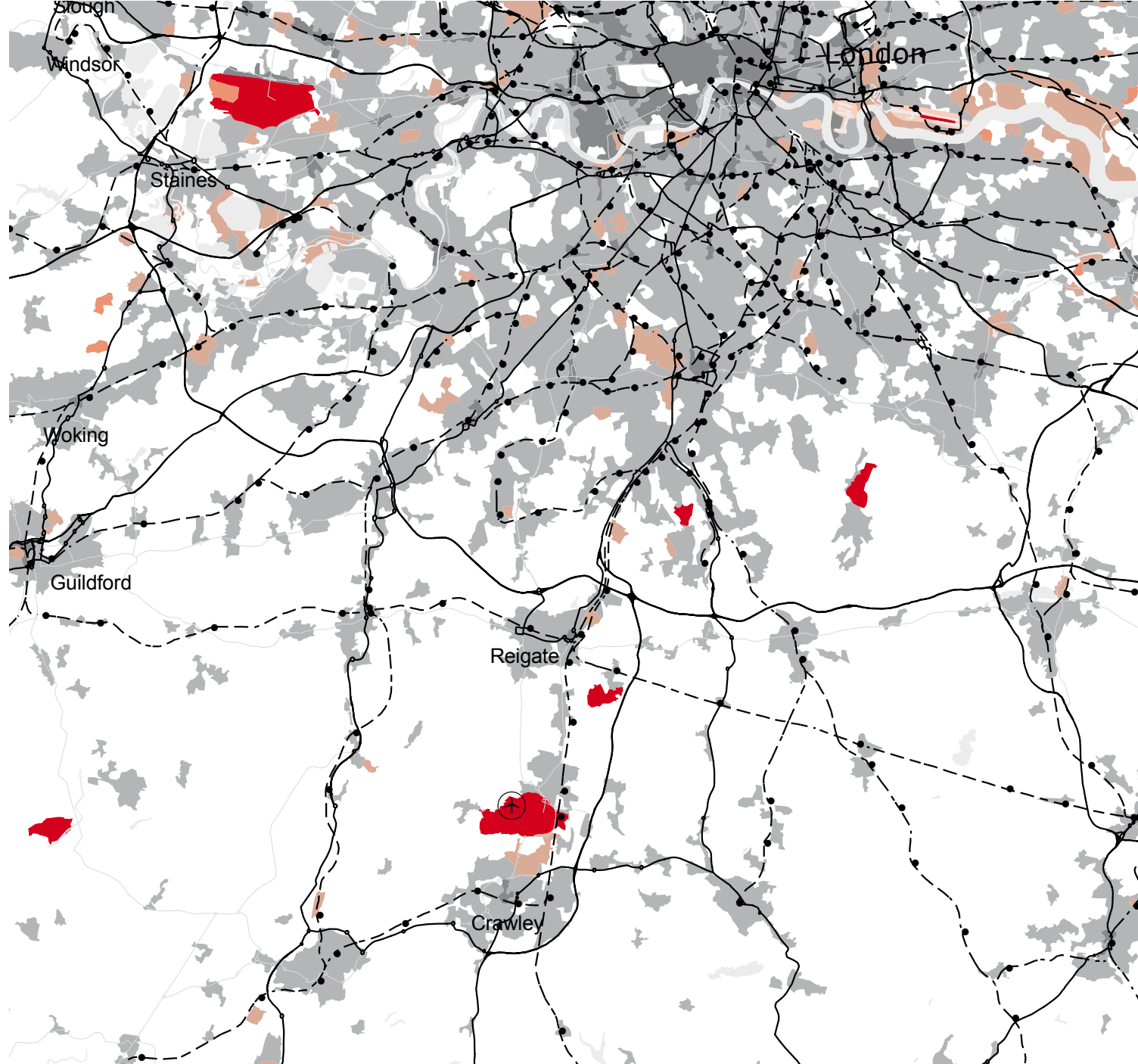
DEVELOPMENT	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	261	253	242	243	251	261	263	1%
number of passengers (*1000)	31.948	31.097	29.518	29.893	31.392	32.693	34.080	7%
cargo (tonnes):								
unloaded	-	-	-	-	-	-	-	-
loaded	-	-	-	-	-	-	-	-
total	318.905	280.098	242.519	222.916	218.204	222.778	211.857	-34%
mail (tonnes)	15.616	11.943	9.483	10.556	8.723	9.306	8.019	-49%
total cargo and mail (tonnes)	334.521	292.041	252.002	233.472	226.927	232.084	219.876	-34%
WLU	35.293	34.017	32.038	32.228	33.661	35.014	36.279	3%
of which cargo and mail	9%	9%	8%	7%	7%	7%	6%	
passenger/combi share in transported cargo (incl. mail)	-	-	-	-	76%	75%	84%	
full freighter-share in transported cargo (incl. mail)	-	-	-	-	24%	25%	16%	

## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

airport of origin	airport of destination
1 Dubai	1 Houston
2 Houston	2 Atlanta
3 Atlanta	3 Orlando
4 Orlando	4 Dubai
5 Abu Dhabi	5 Newark
6 Amsterdam	6 Abu Dhabi
7 Dallas-Fort Worth	7 Lagos
8 Benghazi	8 Dallas-Fort Worth
9 Newark	9 Barbados
10 Accra	10 Amsterdam



- ✈ Airport (case)
- Motorway
- Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



London Gatwick region

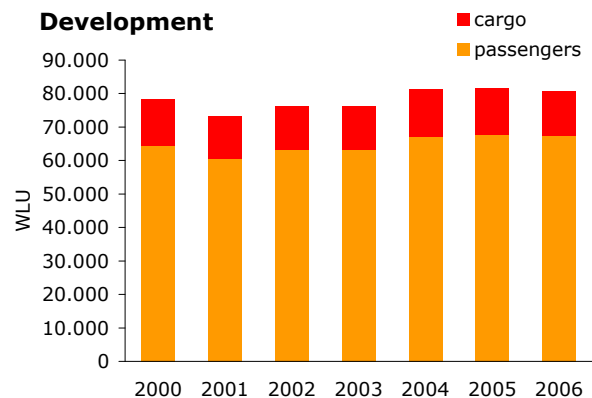
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# LONDON HEATHROW AIRPORT - LHR

## AIRPORT FIGURES 2006

multi airport system	yes with Gatwick and Stansted
number of runways	2
surface (ha)	1.227
number of passenger terminals	4
surface cargo terminals first line (m <sup>2</sup> GFA)	-
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passenger traffic:	
transfer	37%
number of destinations	201
number of destinations (week 38 2006)	116
ICA-traffic (as % of total traffic)	35%
ASK (% ICA)	89%
turnover (million euro; april 2005 - march 2006)	1.574
airport company	BAA
private share (Ferrovial)	100%
employment (2005)	68.400

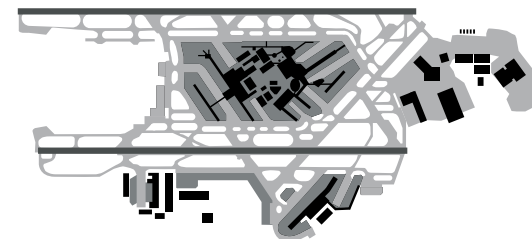
## Development



DEVELOPMENT	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	467	464	467	464	476	478	477	2%
number of passengers (*1000)	64.277	60.453	63.035	63.208	67.109	67.683	67.339	5%
cargo (tonnes):								
unloaded	-	-	-	-	-	-	-	-
loaded	-	-	-	-	-	-	-	-
total	1.306.907	1.180.306	1.234.940	1.223.439	1.325.173	1.305.686	1.263.129	-3%
mail (tonnes)	95.013	83.283	75.639	76.910	86.846	83.612	79.517	-16%
total cargo and mail (tonnes)	1.401.920	1.263.589	1.310.579	1.300.349	1.412.019	1.389.298	1.342.646	-4%
WLU	78.296	73.089	76.141	76.211	81.229	81.576	80.765	3%
of which cargo and mail	18%	17%	17%	17%	17%	17%	17%	
passenger/combi share in transported cargo (incl. mail)	-	-	-	-	-	94%	95%	
full freighter-share in transported cargo (incl. mail)	-	-	-	-	-	6%	5%	

## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

airport of origin	airport of destination
1 Dubai	1 New York
2 New York	2 Chicago
3 Chicago	3 Dubai
4 Los Angeles	4 Los Angeles
5 Narita	5 Singapore
6 Delhi	6 Washington
7 Johannesburg	7 Narita
8 Mumbai	8 Boston
9 Singapore	9 Toronto
10 Nairobi	10 Johannesburg





- ✈ Airport (case)
- Motorway
- - - Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



London Heathrow region

1:300.000

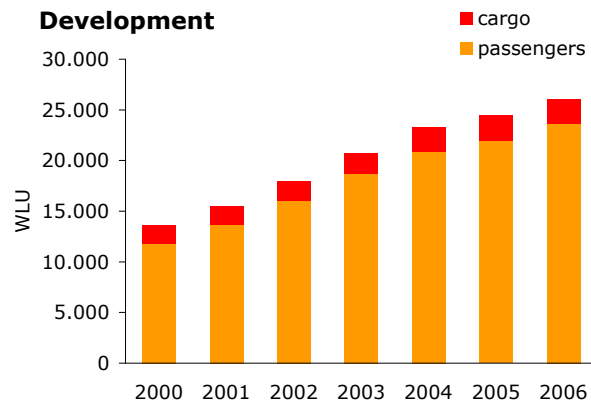
# LONDON STANSTED AIRPORT - STN

## AIRPORT FIGURES 2006

multi airport system	yes with Heathrow and Gatwick
number of runways	1
surface (ha)	957
number of passenger terminals	1
surface cargo terminals total (m <sup>2</sup> GFA)	41.000
passenger traffic:	
transfer	11%
number of destinations (week 38 2006)	151
intercontinental destinations	-
ICA-traffic (as % of total traffic)	2%
ASK (% ICA)	6%
turnover (million euro; april 2005 - march 2006)	244
airport company	BAA
private share	100%
employment	11.600

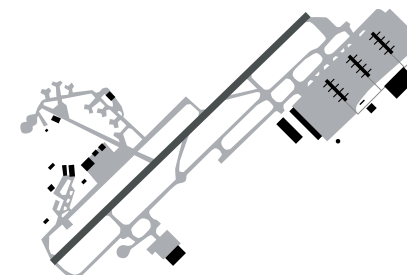
DEVELOPMENT	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	166	170	171	186	192	194	207	25%
number of passengers (*1000)	11.858	13.654	16.049	18.716	20.907	21.992	23.680	100%
cargo (tonnes):								
unloaded	-	-	-	-	-	-	-	-
loaded	-	-	-	-	-	-	-	-
total	166.064	165.660	184.449	198.565	225.772	237.045	224.312	35%
mail (tonnes)	12.761	13.839	8.746	4.178	13.279	17.767	17.018	33%
total cargo and mail (tonnes)	178.825	179.499	193.195	202.743	239.051	254.812	241.330	35%
WLU	13.646	15.449	17.981	20.743	23.298	24.540	26.093	91%
of which cargo and mail	13%	12%	11%	10%	10%	10%	9%	
passenger/combi share in transported cargo (incl. mail)	-	-	-	-	1%	1%	1%	
full freighter-share in transported cargo (incl. mail)	-	-	-	-	100%	99%	99%	

## Development



## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

airport of origin	airport of destination
1 Delhi	1 Memphis
2 Memphis	2 Cologne/Bonn
3 Paris	3 Frankfurt
4 Newark	4 Edinburgh
5 Incheon	5 Louisville
6 Cologne/Bonn	6 Paris
7 Liege	7 Liege
8 San Juan	8 Newark
9 Mumbai	9 Belfast
10 Edinburgh	10 Dublin



- ✈ Airport (case)
- Motorway
- - - Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



London Stansted region

1:300.000

Basil

# LUXEMBOURG-FINDEL INTERNATIONAL AIRPORT - LUX

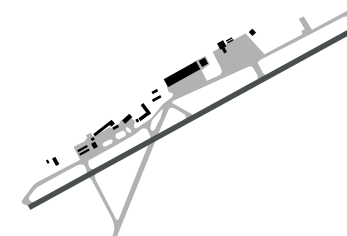
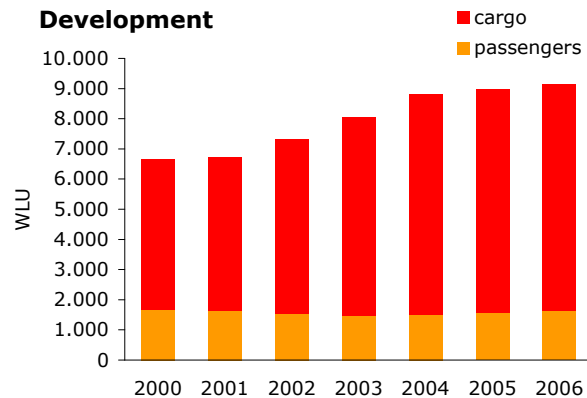
## AIRPORT FIGURES 2006

multi airport system	no
number of runways	1
surface (ha)	-
number of passenger terminals	2
surface cargo terminals first line (m <sup>2</sup> GFA)	-
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passengertraffic:	-
transfer	-
number of destinations (week 38 2006)	50
intercontinental destinations	-
ICA-traffic (as % of total traffic)	1%
ASK (% ICA)	1%
turnover (million euro)	-
airport company	Luxembourg Airport Authority
private share	-
employment	-

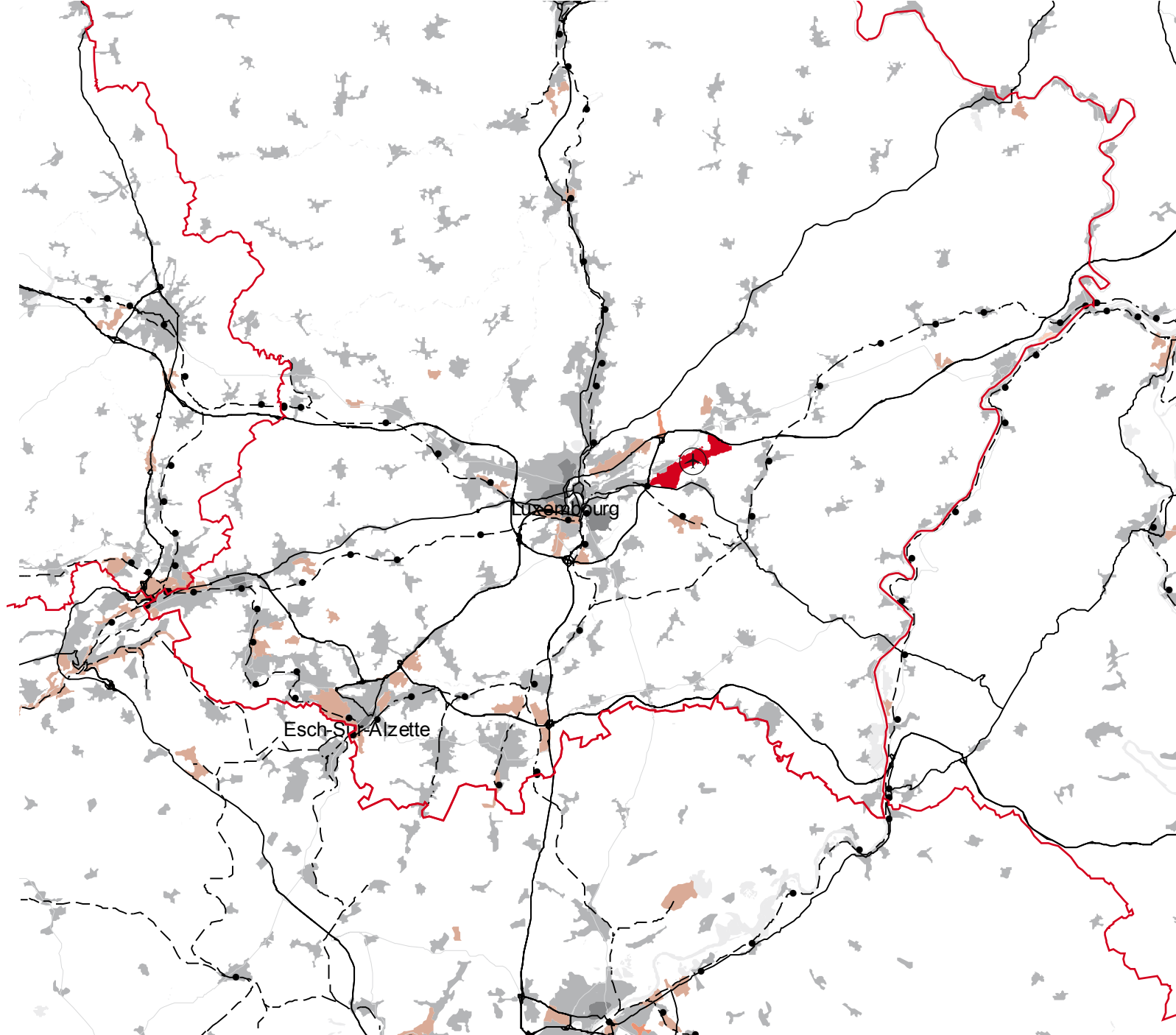
## DEVELOPMENT

	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	86	86	84	92	-	90	88	3%
number of passengers (*1000)	1.669	1.625	1.522	1.461	1.517	1.574	1.613	-3%
cargo (tonnes):								
unloaded	-	-	-	-	-	-	-	-
loaded	-	-	-	-	-	-	-	-
total	499.911	510.232	578.988	656.638	730.562	742.341	752.326	50%
mail (tonnes)	-	-	-	-	-	-	-	-
total cargo and mail (tonnes)	499.911	510.232	578.988	656.638	730.562	742.341	752.326	50%
WLU	6.669	6.728	7.312	8.028	8.823	8.997	9.137	37%
of which cargo and mail	75%	76%	79%	82%	83%	83%	82%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	-
full freighter-share in transported cargo	-	-	-	-	-	-	-	-

## Development



- ✈ Airport (case)
- Motorway
- - - Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Luxemburg region

1:300.000

# MAASTRICHT AACHEN AIRPORT

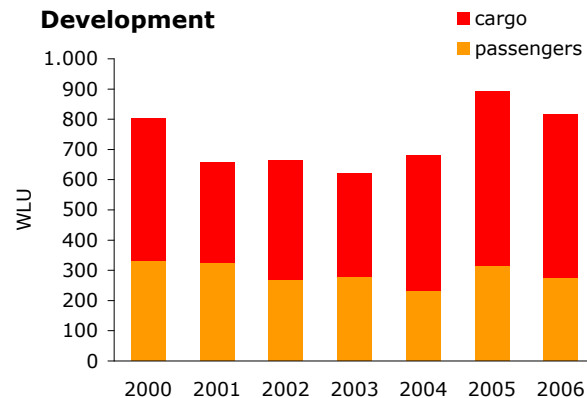
## AIRPORT FIGURES 2006

multi airport system	no
number of runways	1
surface (ha)	176
number of passenger terminals	1
surface cargo terminals first line (m <sup>2</sup> GFA)	11.250
surface cargo terminals second line (m <sup>2</sup> GFA)	0
passenger traffic:	
transfer	0%
number of destinations (week 38 2006)	4
intercontinental destinations	-
ICA-traffic (as % of total traffic)	0%
ASK (% ICA)	0%
turnover (million euro)	-
airport company	OMDV
private share	100%
employment	-

## DEVELOPMENT

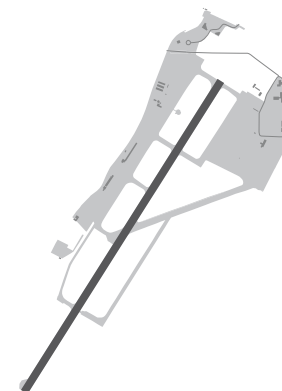
	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	12	13	9	8	7	8	7	-35%
number of passengers (*1000)	330	325	270	278	233	316	276	-16%
cargo (tonnes):								
unloaded	27.175	18.750	27.363	25.648	35.564	47.050	41.710	53%
loaded	20.024	14.435	12.155	8.578	9.335	10.555	12.448	-38%
total	47.199	33.185	39.518	34.226	44.900	57.604	54.158	15%
mail (tonnes)	0	0	0	0	0	0	0	
total cargo and mail (tonnes)	47.199	33.185	39.518	34.226	44.900	57.604	54.158	15%
WLU	802	656	665	621	682	892	818	2%
of which cargo	59%	51%	59%	55%	66%	65%	66%	
passenger/combi share in transported cargo	0%	0%	0%	0%	0%	0%	0%	
full freighter-share in transported cargo	100%	100%	100%	100%	100%	100%	100%	

## Development

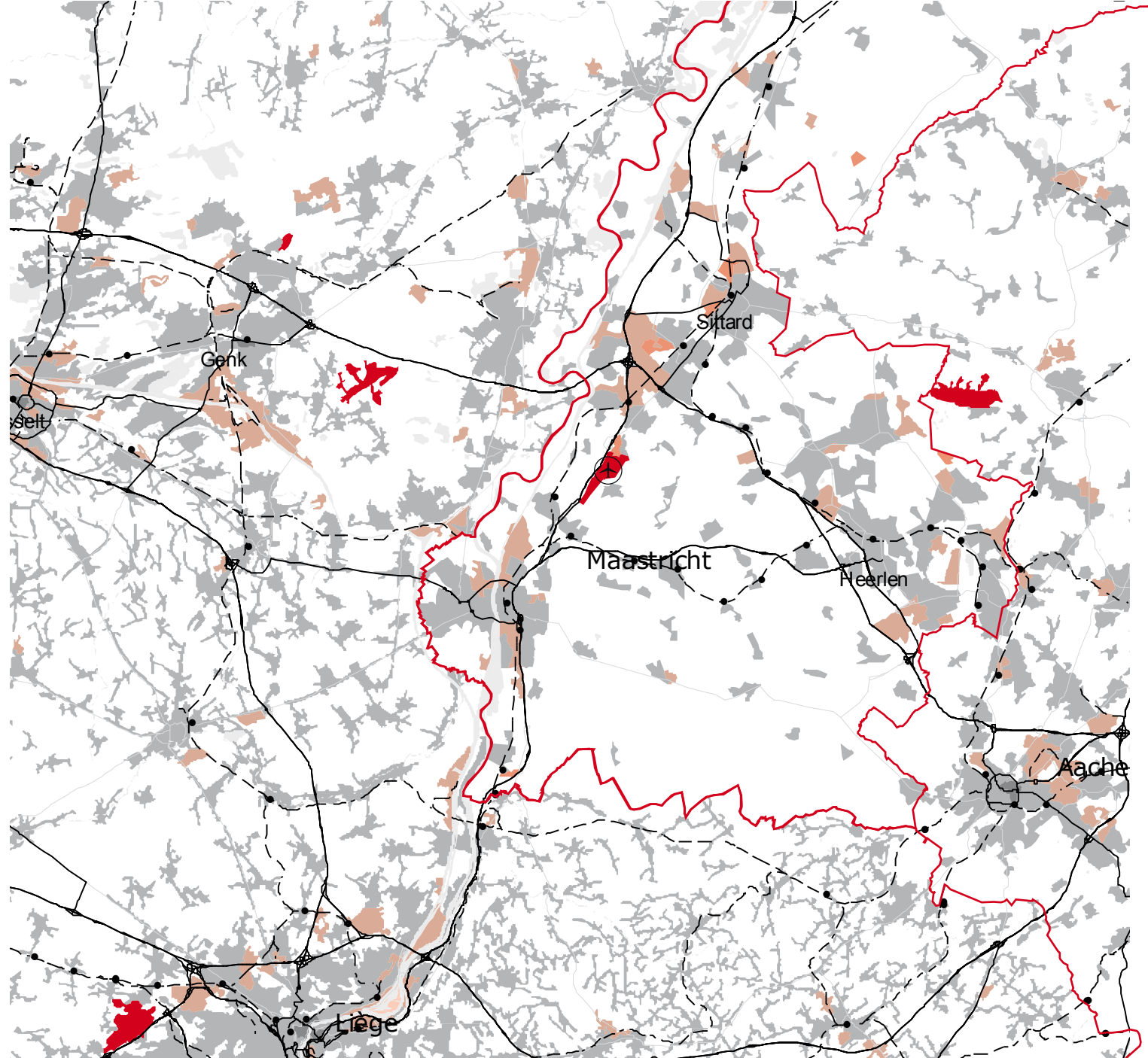


## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

airport of origin	airport of destination
1 Nairobi	1 Istanbul
2 Johannesburg	2 Amman
3 Amman	3 Hangzhou
4 Istanbul	4 -
5 Hangzhou	5 -
6 Eldoret	6 -
7 -	7 -
8 -	8 -
9 -	9 -
10 -	10 -



- ✈ Airport (case)
- Motorway
- Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Maastricht region

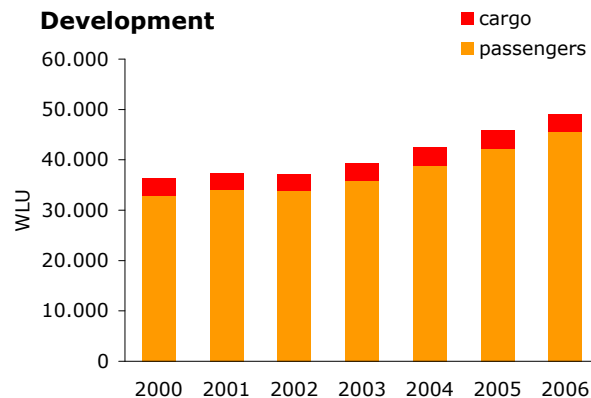
1:300.000

# MADRID BARAJAS INTERNATIONAL AIRPORT - MAD

## AIRPORT FIGURES 2006

multi airport system	no
number of runways	4
surface (ha)	-
number of passenger terminals	4
surface cargo terminals first line (m <sup>2</sup> GFA)	287.466
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passenger traffic:	
transfer (2005)	-
number of destinations (week 38 2006)	155
intercontinental destinations	57
ICA-traffic (as % of total traffic)	15%
ASK (% ICA)	65%
turnover (million euro)	-
airport company	Aena
private share	0%
employment	-

## Development

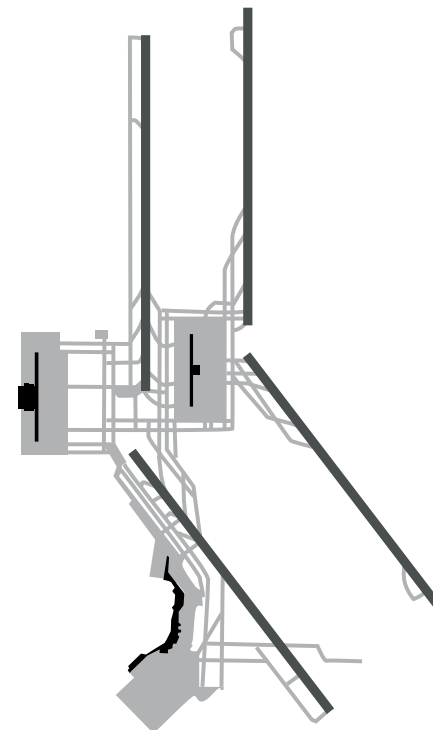


## DEVELOPMENT\*

	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	358	376	368	384	402	416	435	21%
number of passengers (*1000)	32.894	34.050	33.915	35.856	38.719	42.147	45.530	38%
cargo (tonnes):								
unloaded	-	-	-	-	-	-	-	-
loaded	-	-	-	-	-	-	-	-
total	311.037	295.944	295.711	307.026	341.177	333.138	315.809	2%
mail (tonnes)	26.514	34.744	35.738	34.234	37.018	37.398	34.949	32%
total cargo and mail (tonnes)	337.551	330.687	331.449	341.260	378.194	370.536	350.758	4%
WLU	36.270	37.357	37.230	39.268	42.501	45.852	49.038	35%
of which cargo and mail	9%	9%	9%	9%	9%	8%	7%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	
full freighter-share in transported cargo	-	-	-	-	-	-	-	

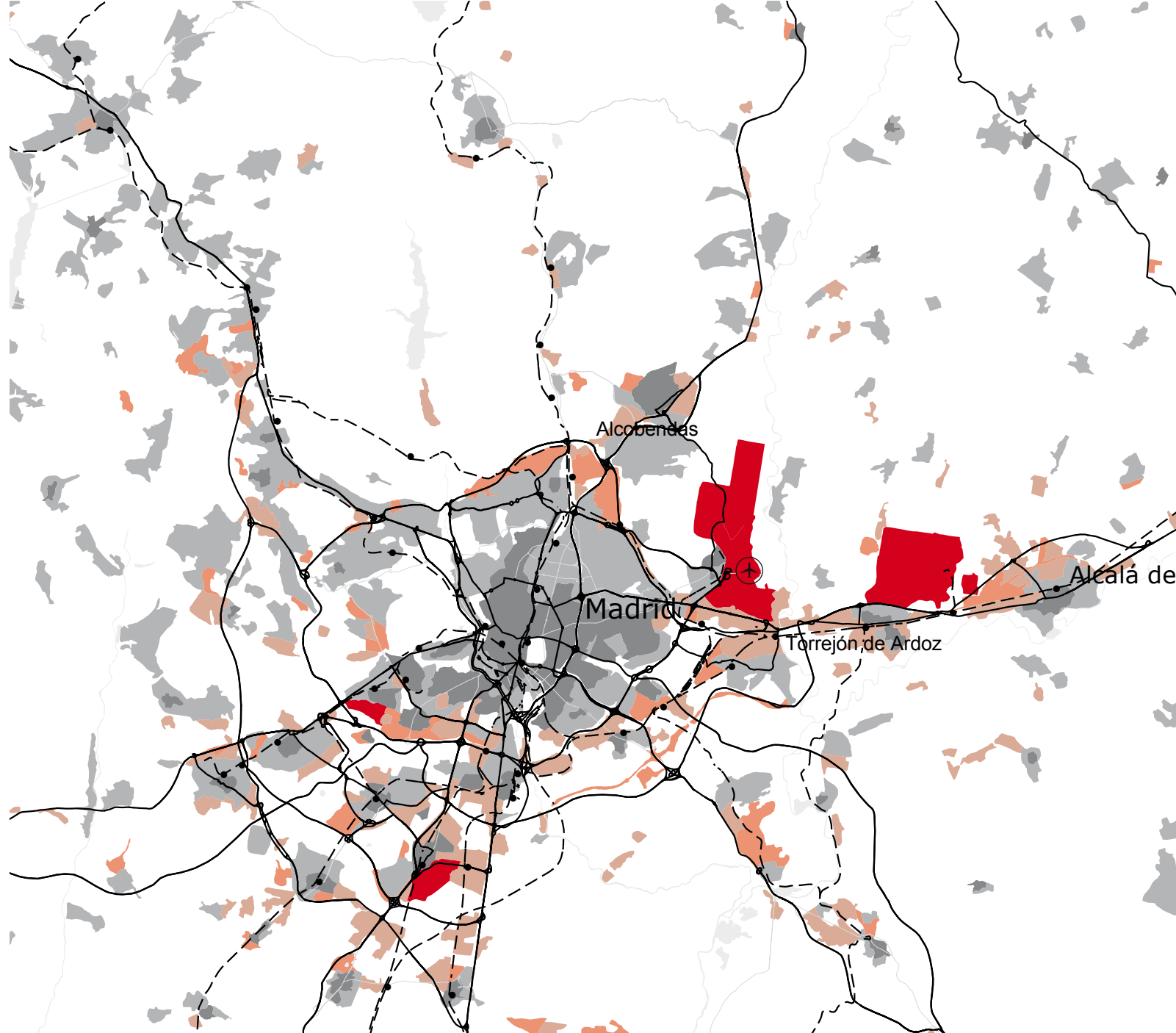
## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

airport of origin	airport of destination	country of origin	country of destination
1 Buenos Aires	1 Gran Canaria	1 USA	1 Spain
2 Paris	2 Tenerife North	2 Spain	2 USA
3 Santiago	3 Mexico City	3 Germany	3 Mexico
4 Barcelona	4 Paris	4 Belgium	4 Germany
5 Cologne/Bonn	5 Miami	5 France	5 France
6 New York	6 Buenos Aires	6 Argentina	6 Brasil
7 Lima	7 New York	7 Chile	7 Belgium
8 Brussels	8 Sao Paulo	8 Brasil	8 Argentina
9 Frankfurt	9 Palma de Mallorca	9 Peru	9 Colombia
10 Sao Paulo	10 Frankfurt	10 Ecuador	10 Chile





- ✈ Airport (case)
- Motorway
- Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



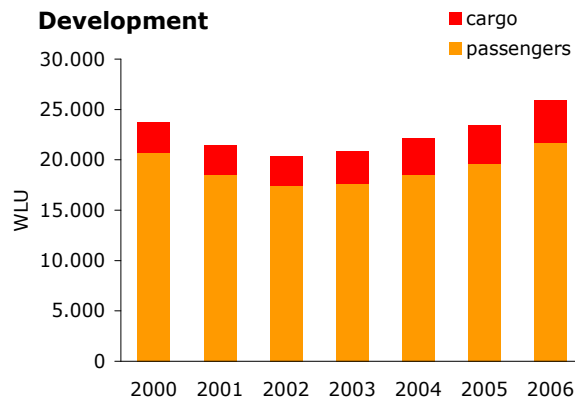
Madrid region  
1:300.000

# MALPENSA INTERNATIONAL AIRPORT -MXP

## AIRPORT FIGURES 2006

multi airport system	yes with Linate and Bergamo
number of runways	2
surface (ha)	2.500
number of passenger terminals	2
surface cargo terminals first line (m <sup>2</sup> GFA)	-
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passenger traffic:	
transfer	-
number of destinations (week 38 2006)	156
intercontinental destinations	65
ICA-traffic (as % of total traffic)	24%
ASK (% ICA)	66%
turnover (million euro; 2005; incl. Linate)	628
airport company	SEA
private share	0%
employment	-

## Development



DEVELOPMENT*	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	249	236	215	214	218	228	247	-1%
number of passengers (*1000)	20.717	18.570	17.441	17.622	18.555	19.631	21.767	5%
cargo (tonnes):								
unloaded	-	-	-	-	-	-	-	-
loaded	-	-	-	-	-	-	-	-
total	290.980	277.591	280.420	306.623	347.065	368.976	405.452	39%
mail (tonnes)	9.854	11.751	13.494	12.888	14.172	15.776	13.676	39%
total cargo and mail (tonnes)	300.834	289.342	293.914	319.511	361.237	384.752	419.128	39%
WLU	23.725	21.464	20.380	20.817	22.167	23.478	25.959	9%
of which cargo and mail	13%	13%	14%	15%	16%	16%	16%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	
full freighter-share in transported cargo	-	-	-	-	-	-	-	

## TOP 10 ORIGIN AND DESTINATION OF CARGO (2005)

airport of origin	airport of destination
1 Delhi	1 Hong Kong
2 Luxembourg	2 Paris
3 Abu Dhabi	3 Incheon
4 Paris	4 Luxembourg
5 New York	5 New York
6 Chicago	6 Dubai
7 London	7 Amsterdam
8 Amsterdam	8 Chicago
9 Mumbai	9 Narita
10 Dubai	10 London



- ✈ Airport (case)
- Motorway
- - - Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Milan Malpensa region  
1:300.000

# MUNICH INTERNATIONAL AIRPORT - MUC

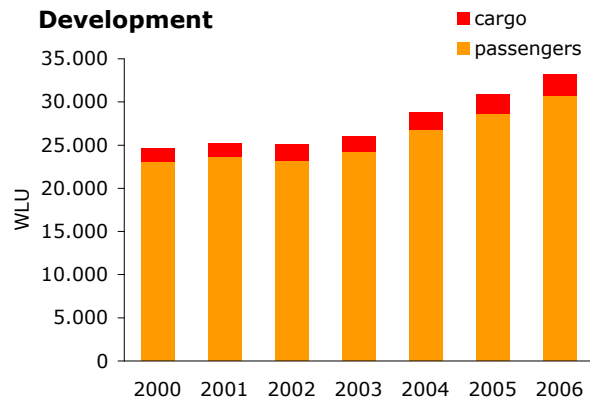
## AIRPORT FIGURES 2006

multi airport system	no
number of runways	2
surface (ha)	1.500
number of passenger terminals	2
surface cargo terminals first line (m <sup>2</sup> GFA)	53.000
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passenger traffic:	
transfer	34%
number of destinations (week 38 2006)	207
intercontinental destinations	78
ICA-traffic (as % of total traffic)	7%
ASK (% ICA)	59%
turnover (million euro)	-
airport company	Flughafen München GmbH
private share	0%
employment	27.400

## DEVELOPMENT

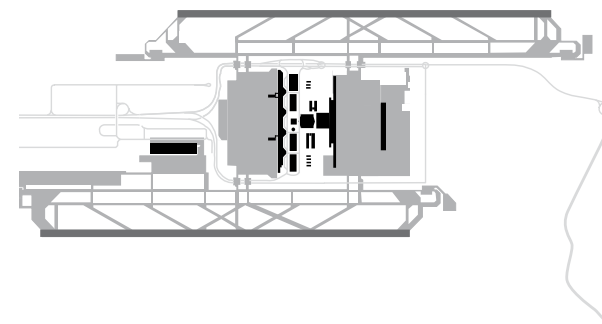
	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	319	338	344	356	383	399	411	29%
number of passengers (*1000)	23.126	23.647	23.164	24.193	26.815	28.619	30.758	33%
cargo (tonnes):								
unloaded	54.887	52.106	61.948	63.528	80.688	98.313	104.971	91%
loaded	69.972	71.279	82.450	77.057	90.140	104.531	119.438	71%
total (including transit)	133.234	135.000	165.902	156.132	177.005	208.662	231.736	74%
mail (tonnes, including transit)	23.323	22.668	22.497	22.000	21.368	15.215	13.673	-41%
total cargo and mail (tonnes, including transit)	156.557	157.668	188.399	178.132	198.373	223.877	245.409	57%
WLU	24.691	25.224	25.048	25.975	28.798	30.858	33.212	35%
of which cargo and mail	6%	6%	8%	7%	7%	7%	7%	
passenger/combi share in transported cargo	84%	81%	72%	75%	79%	73%	79%	
full freighter-share in transported cargo	16%	19%	28%	25%	21%	27%	21%	

## Development

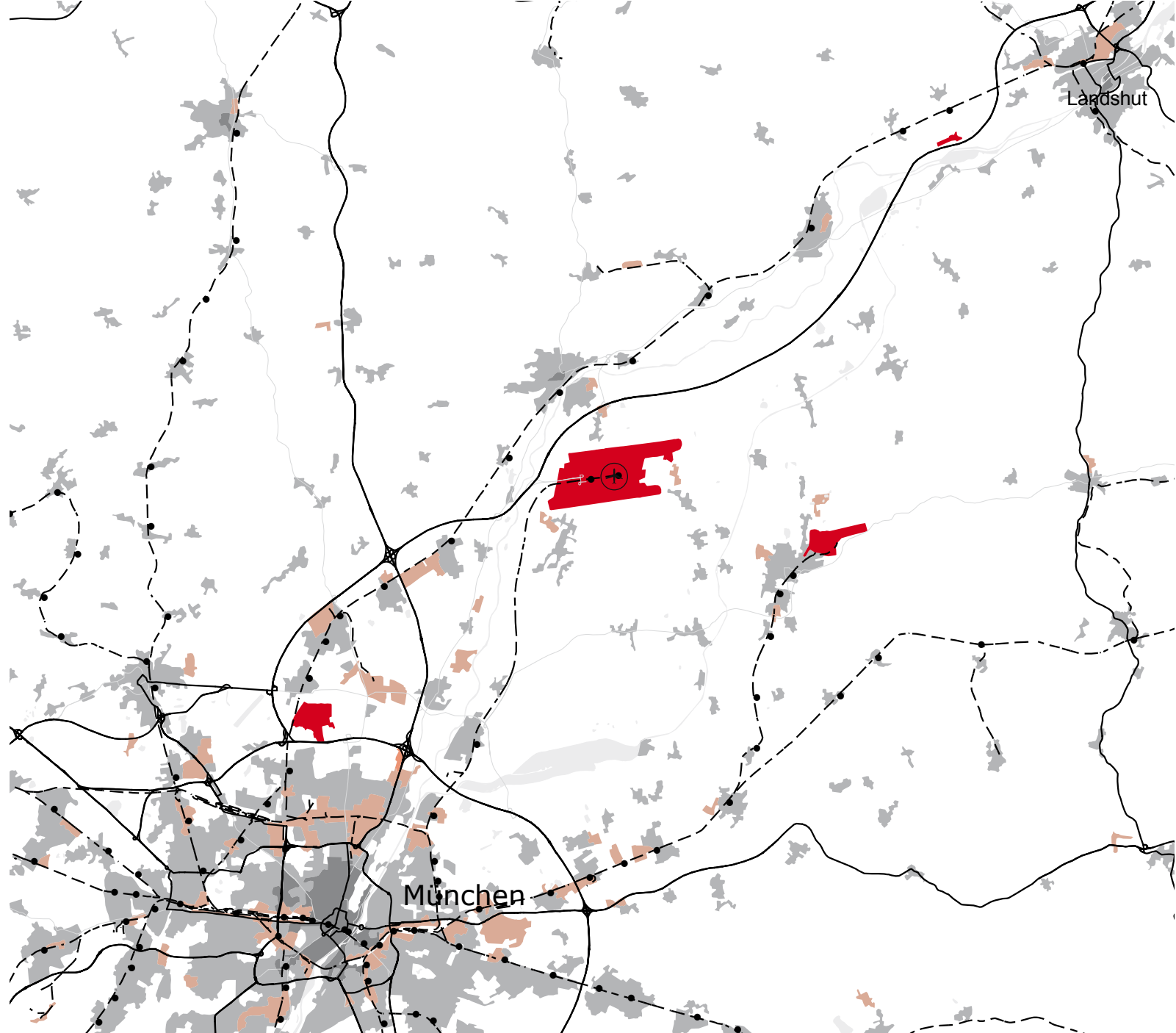


## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

airport of origin	airport of destination
1 Dubai	1 Dubai
2 Cologne/Bonn	2 Frankfurt
3 Frankfurt	3 Cologne/Bonn
4 Chicago	4 Chicago
5 Bangkok	5 Washington
6 Tel-Aviv	6 Shanghai
7 Delhi	7 Brussels
8 Hong Kong	8 Hong Kong
9 Washington	9 New York
10 New York	10 Charlotte



- ✈ Airport (case)
- Motorway
- Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Munich region

1:300.000

# OSTEND-BRUGES INTERNATIONAL AIRPORT - OST

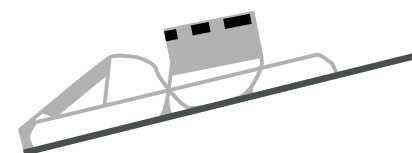
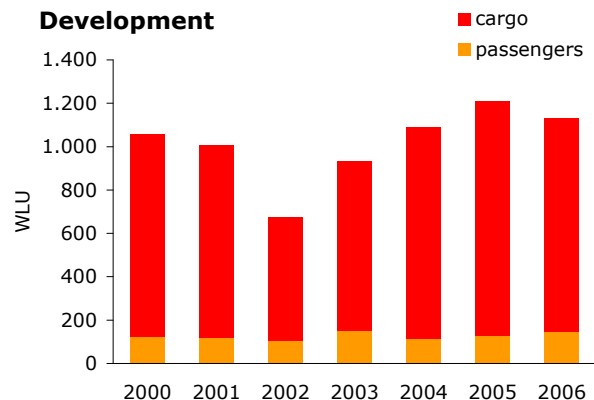
## AIRPORT FIGURES 2006

multi airport system	no
number of runways	1
surface (ha)	-
number of passenger terminals	1
surface cargo terminals first line (m <sup>2</sup> GFA)	10.500
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passenger traffic:	
transfer	0%
number of destinations (week 38 2006)	0
intercontinental destinations	0
ICA-traffic (as % of total traffic)	-
ASK (% ICA)	-
turnover (2006, million euro)	11
airport company	International airport Ostend-Bruges
private share	0%
employment (2005)	480

## DEVELOPMENT

	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	44	39	37	37	33	25	27	-39%
number of passengers (*1000)	124	118	103	151	111	126	146	18%
cargo (tonnes):								
unloaded	48.250	48.287	-	-	-	-	-	-
loaded	45.222	40.491	-	-	-	-	-	-
total	93.472	88.817	57.131	78.066	97.582	108.260	98.525	5%
mail (tonnes)	-	-	-	-	-	-	-	-
total cargo and mail (tonnes)	93.472	88.817	57.131	78.066	97.582	108.260	98.525	5%
WLU	1.059	1.006	675	931	1.087	1.209	1.132	7%
of which cargo and mail	88%	88%	85%	84%	90%	90%	87%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	
full freighter-share in transported cargo	-	-	-	-	-	-	-	

## Development



- ✈ Airport (case)
- Motorway
- Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Ostend region

1:300.000

# ROME LEONARDO DA VINCI - FIUMICINO AIRPORT - FCO

## AIRPORT FIGURES 2006

multi airport system	yes with Rome Ciampino
number of runways	3
surface (ha)	1.639
number of passenger terminals	3
surface cargo terminals first line (m <sup>2</sup> GFA)	-
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passenger traffic:	
transfer	-
number of destinations (week 38 2006)	167
intercontinental destinations	63
ICA-traffic (as % of total traffic)	15%
ASK (% ICA)	62%
turnover (2005; million euro; group total)	581
airport company	Aeroporti di Roma Group
private share	97%
employment	-

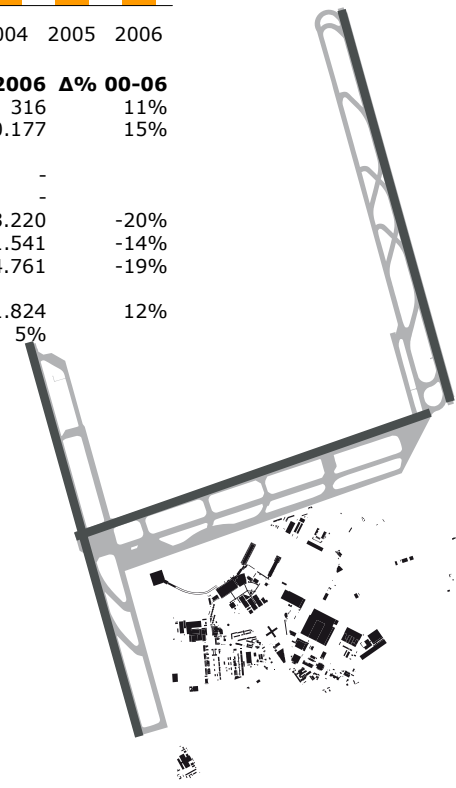
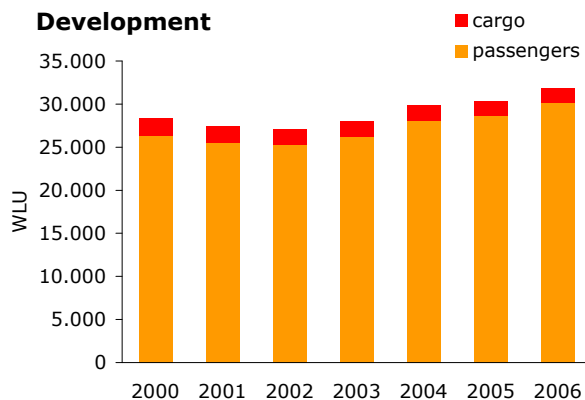
## DEVELOPMENT

	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	283	284	283	301	310	308	316	11%
number of passengers (*1000)	26.288	25.566	25.340	26.285	28.120	28.683	30.177	15%
cargo (tonnes):								
unloaded	59.412	55.435	55.590	-	-	-	-	
loaded	94.868	78.662	75.165	-	-	-	-	
total	154.280	134.097	130.755	127.684	132.020	129.923	123.220	-20%
mail (tonnes)	48.120	51.958	45.640	45.114	43.077	41.299	41.541	-14%
total cargo and mail (tonnes)	202.400	186.055	176.395	172.798	175.097	171.222	164.761	-19%
WLU	28.312	27.426	27.104	28.013	29.871	30.396	31.824	12%
of which cargo and mail	7%	7%	7%	6%	6%	6%	5%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	
full freighter-share in transported cargo	-	-	-	-	-	-	-	

## TOP 10 ORIGIN AND DESTINATION OF CARGO (2005)

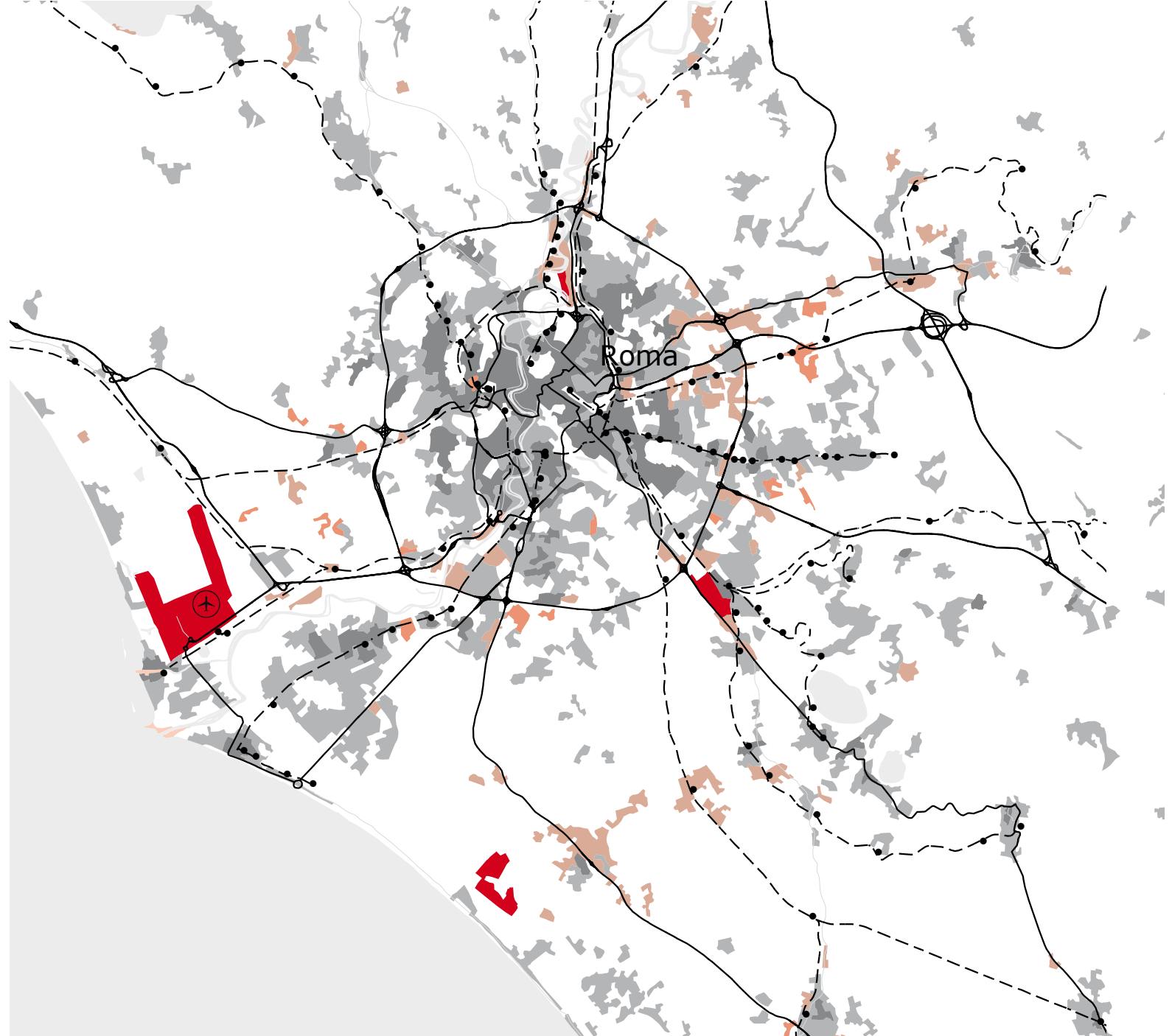
airport of origin	airport of destination
1 New York	1 New York
2 Milan	2 London
3 Dubai	3 Newark
4 Beijing	4 Bangkok
5 Frankfurt	5 Dubai
6 Bangkok	6 Hong Kong
7 Narita	7 Catania
8 Ezeiza	8 Narita
9 London	9 Frankfurt
10 Hong Kong	10 Madrid

## Development





- ✈ Airport (case)
- Motorway
- - - Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



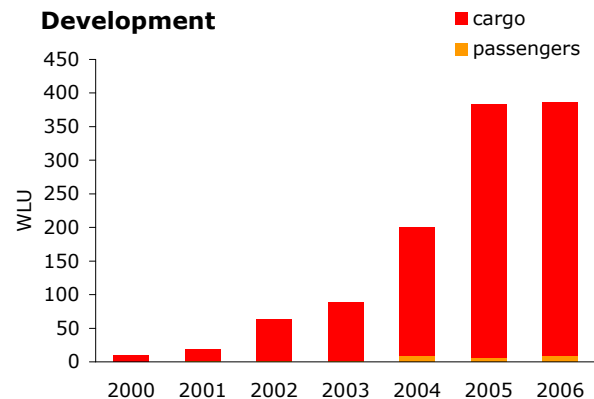
Rome region  
1:300.000

# VATRY INTERNATIONAL AIRPORT - XCR

## AIRPORT FIGURES 2006

multi airport system	no
number of runways	1
surface (ha)	1.800
number of passenger terminals	1
surface cargo terminals first line (m <sup>2</sup> GFA) (2007)	12.300
surface cargo terminals second line (m <sup>2</sup> GFA)	-
passenger traffic:	
transfer	0%
number of destinations (week 38 2006)	0
intercontinental destinations	0
ICA-traffic (as % of total traffic)	-
ASK (% ICA)	-
turnover (2005; million euro)	-
airport company	SEVE
private share	-
employment	-

## Development

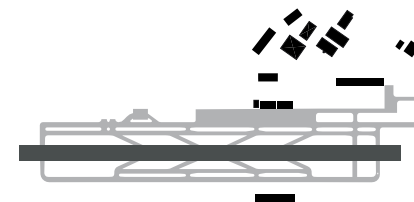


## DEVELOPMENT

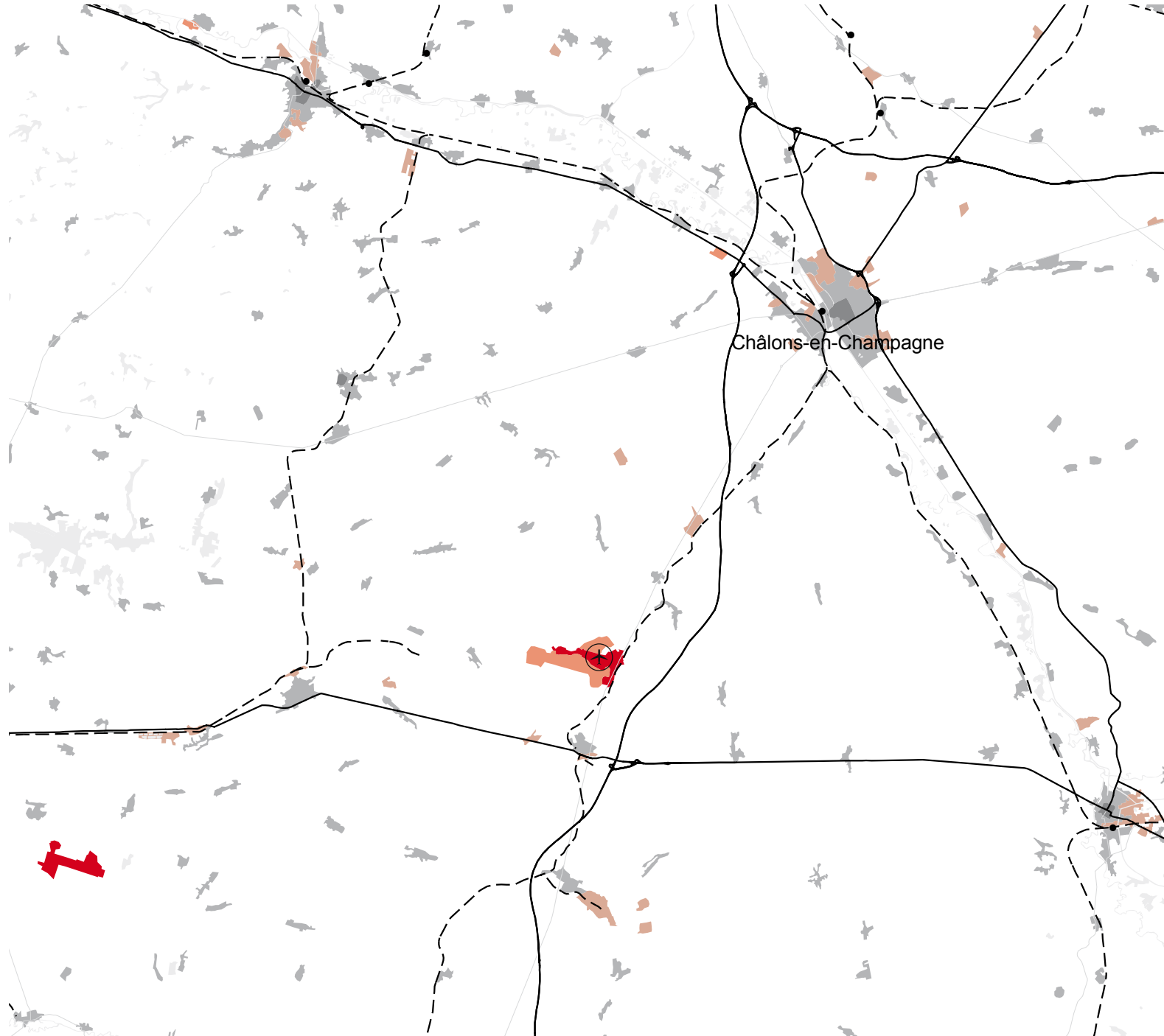
	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	2	0	10	13	9	10	15	574%
number of passengers (*1000)	0	1	1	2	9	7	9	8569%
cargo (tonnes):								
unloaded	-	-	-	-	-	-	-	-
loaded	-	-	-	-	-	-	-	-
total	1.017	1.780	6.163	8.730	19.128	37.632	37.659	3603%
mail (tonnes)	-	-	-	-	-	-	-	-
total cargo and mail (tonnes)	1.017	1.780	6.163	8.730	19.128	37.632	37.659	3603%
WLU	10	19	63	89	201	383	385	1923%
of which cargo and mail	99%	93%	98%	98%	95%	98%	98%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	
full freighter-share in transported cargo	-	-	-	-	-	-	-	

## TOP 10 ORIGIN AND DESTINATION OF CARGO (2005)

airport of origin	airport of destination
1 Entebbe	1 Lagos
2 Tripoli	2 Tbilisi
3 Larnaka	3 Port Harcourt
4 Benghazi	4 Niamey
5 Libreville	5 Tripoli
6 Ashgabat	6 Almaty
7 Accra	7 Entebbe
8 Port Harcourt	8 Accra
9 Cairo	9 Shannon
10 Baku	10 Benghazi



- ✈ Airport (case)
- Motorway
- Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Châlons-en-Champagne

Vatry region  
1:300.000

# VIENNA INTERNATIONAL AIRPORT - VIE

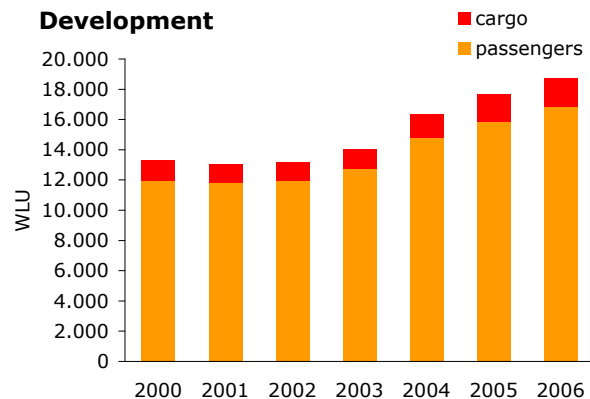
## AIRPORT FIGURES 2006

multi airport system	no
number of runways	2
surface (ha)	1.000
number of passenger terminals	3
surface cargo terminals total (m <sup>2</sup> GFA end 2005)	38.000
passenger traffic:	
transfer	34%
number of destinations (week 38 2006)	152
intercontinental destinations	-
ICA-traffic (as % of total traffic)	8%
ASK (% ICA)	58%
turnover (million euro)	464
airport company	Flughafen Wien AG
private share	60%
employment	16.000

## DEVELOPMENT

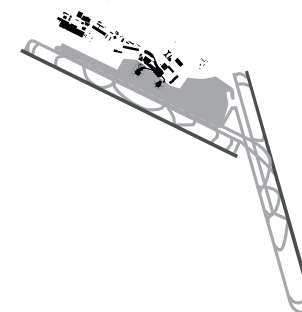
	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	186	185	187	197	225	231	237	27%
number of passengers (*1000)	11.940	11.853	11.974	12.785	14.786	15.859	16.856	41%
cargo (tonnes):								
unloaded	-	-	-	-	-	-	-	-
loaded	-	-	-	-	-	-	-	-
total	126.836	111.001	113.612	115.651	145.602	167.494	187.852	48%
mail (tonnes)	8.164	9.221	10.618	11.433	12.654	12.595	-	54% (00-05)
total cargo and mail (tonnes)	135.000	120.222	124.230	127.084	158.256	180.089	187.852	39%
WLU	13.290	13.055	13.216	14.055	16.368	17.660	18.734	41%
of which cargo and mail	10%	9%	9%	9%	10%	10%	10%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	
full freighter-share in transported cargo	-	-	-	-	-	-	-	

## Development

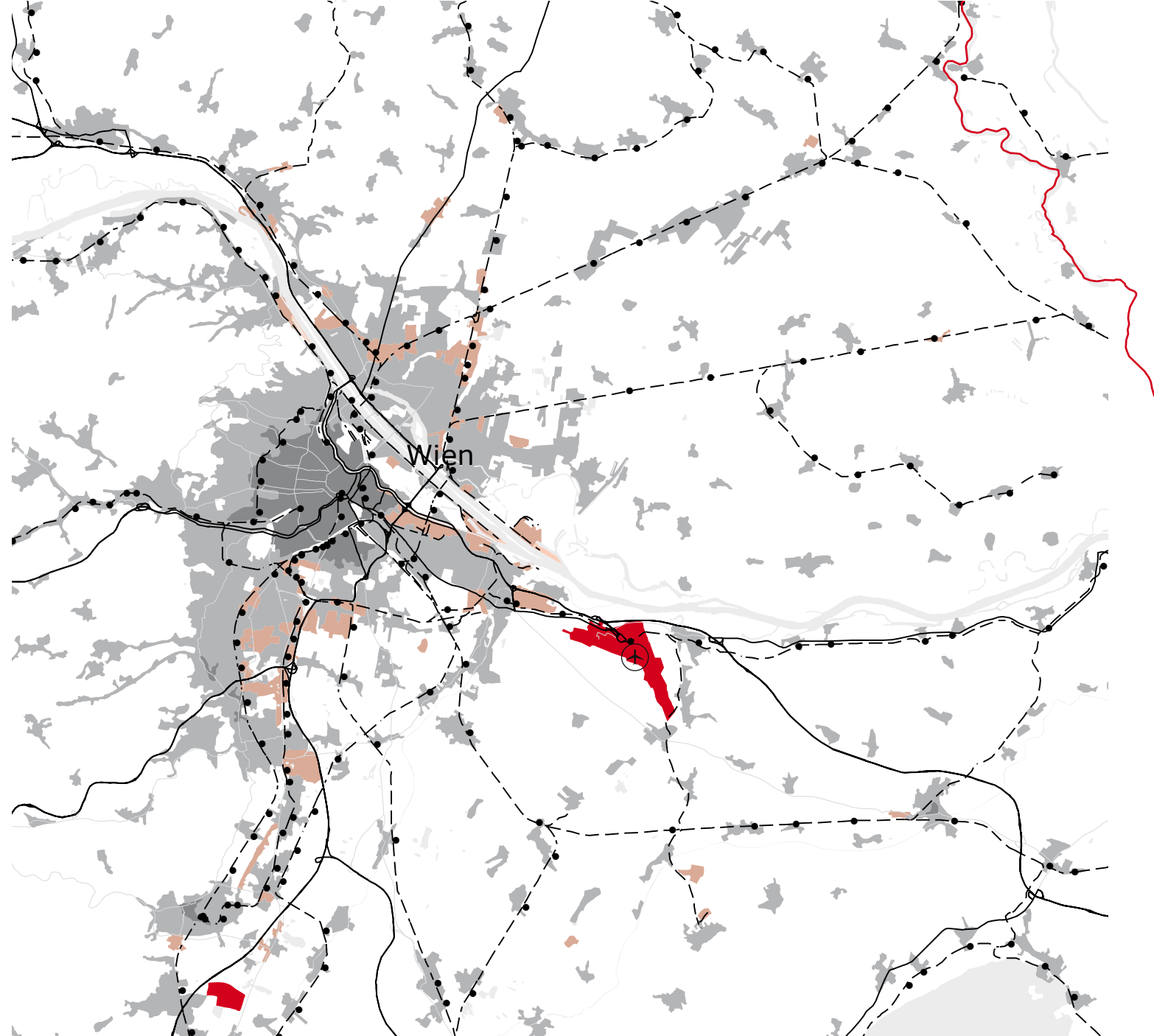


## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

airport of origin	airport of destination
1 Incheon	1 Brussels
2 Cologne/Bonn	2 Bangkok
3 Mumbai	3 Dubai
4 Dubai	4 Cologne/Bonn
5 Bangkok	5 Sepang
6 Brussels	6 Washington
7 Sepang	7 Kiev
8 Delhi	8 New York
9 Liege	9 Narita
10 Washington	10 Frankfurt



- ✈️ Airport (case)
- Motorway
- Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Vienna region

1:300.000

# ZURICH AIRPORT - ZRH

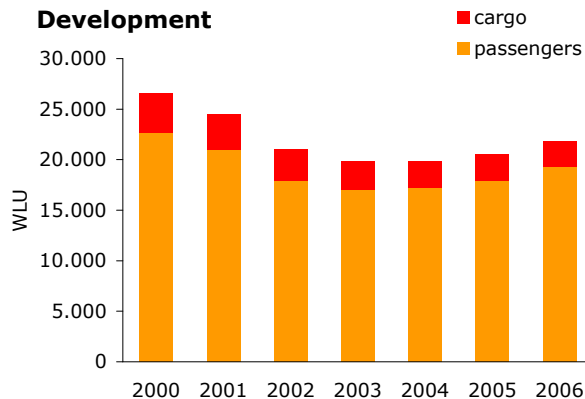
## AIRPORT FIGURES 2006

multi airport system	no
number of runways	3
surface (ha)	782
number of passenger terminals	2
surface cargo terminals first line (m <sup>2</sup> GFA)	50.000
surface cargo terminals second line (m <sup>2</sup> GFA)	11.500
passenger traffic:	
transfer	32%
number of destinations (week 38 2006)	134
intercontinental destinations	45
ICA-traffic (as % of total traffic)	11%
ASK (% ICA)	71%
turnover (million euro)	447
airport company	Unique (Flughafen Zürich AG)
private share	62%
employment	20.700

## DEVELOPMENT

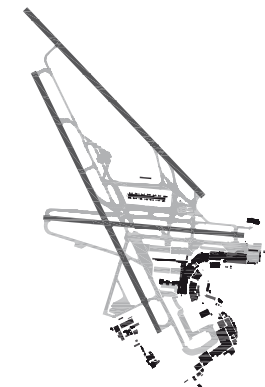
	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
aircraft movements (*1000)	326	309	282	269	267	267	261	-20%
number of passengers (*1000)	22.675	21.013	17.948	17.025	17.253	17.885	19.237	-15%
cargo (tonnes):								
unloaded	177.805	162.388	145.913	135.923	124.111	130.216	124.791	-30%
loaded	217.337	190.217	163.811	147.908	133.490	136.184	132.266	-39%
total	395.142	352.605	309.724	283.831	257.601	266.400	257.057	-35%
mail (tonnes)	22.843	21.680	22.990	21.650	22.963	21.475	22.853	0%
total cargo and mail (tonnes)	417.985	374.285	332.714	305.481	280.564	287.875	279.910	-33%
WLU	26.855	24.756	21.275	20.080	20.059	20.763	22.036	-18%
of which cargo and mail	16%	15%	16%	15%	14%	14%	13%	
passenger/combi share in transported cargo	-	-	-	-	-	-	-	
full freighter-share in transported cargo	-	-	-	-	-	-	-	

## Development

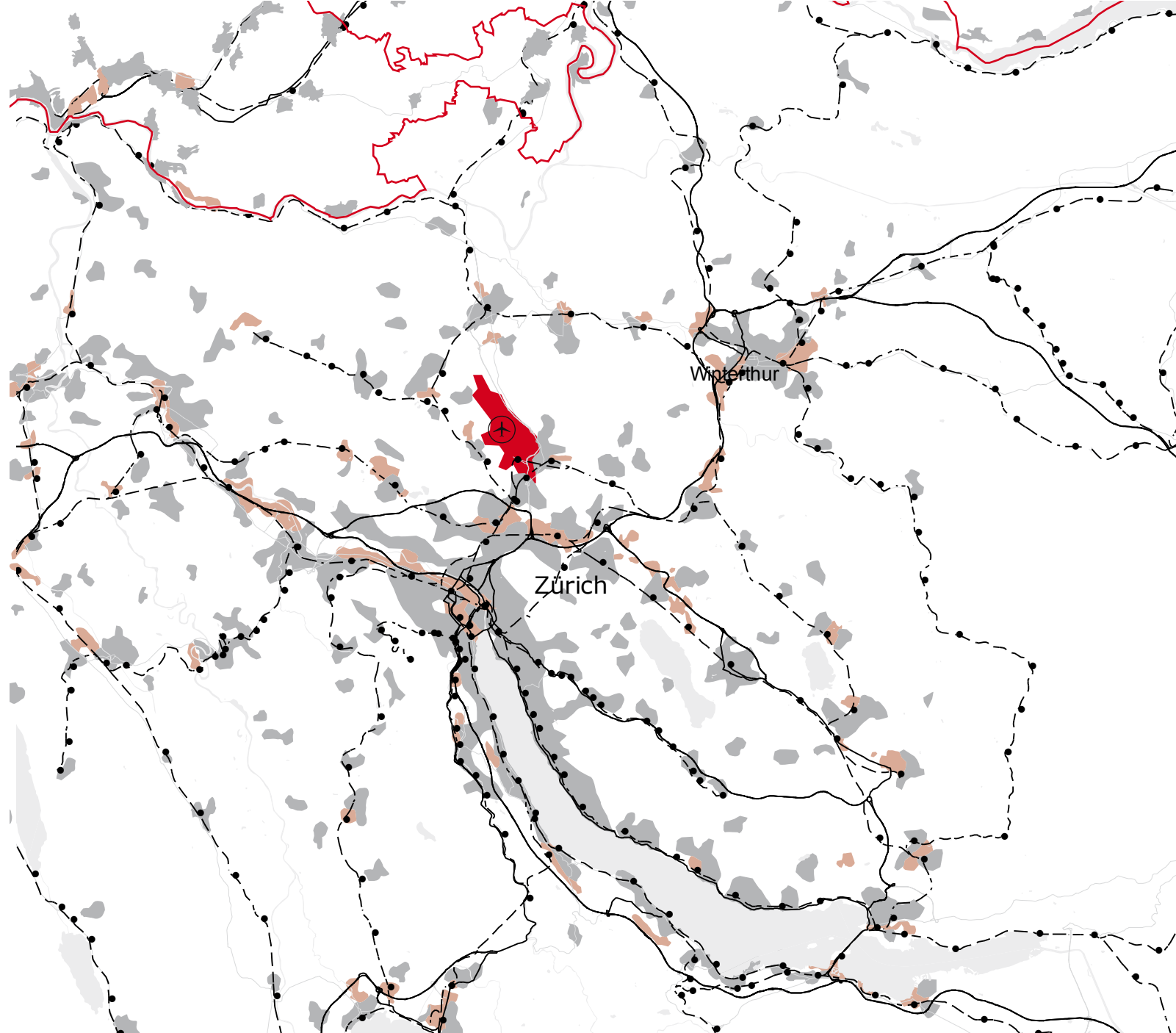


## TOP 10 ORIGIN AND DESTINATION OF CARGO (2006)

country of origin	country of destination
1 USA	1 USA
2 UAE	2 UAE
3 Thailand	3 South Africa
4 India	4 Singapore
5 Singapore	5 India
6 South Africa	6 Canada
7 China	7 Israel
8 Israel	8 Thailand
9 Japan	9 China
10 Germany	10 Japan



- ✈ Airport (case)
- Motorway
- Railway
- National border
- Built area - dense
- Built area
- Airport
- Industrial
- Port
- Water



Zürich region  
1:300.000

## Total cargo and mail 2000-2006 (tonnes)

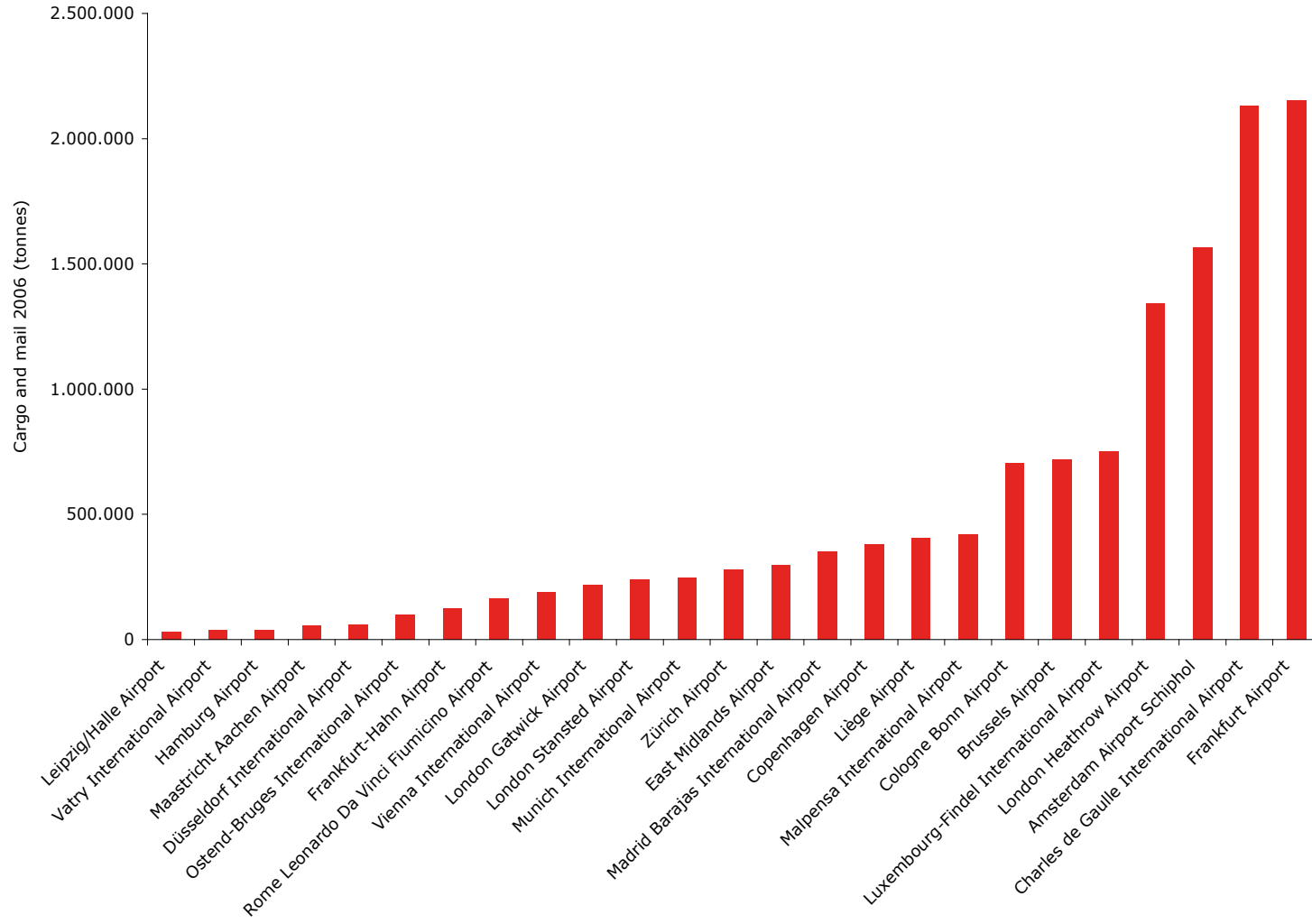
	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
Amsterdam Airport Schiphol	1.267.386	1.234.161	1.288.626	1.353.760	1.467.296	1.495.919	1.566.822	24%
Brussels Airport	687.385	583.729	536.826	607.136	664.375	702.819	720.000	5%
Charles de Gaulle International Airport	1.610.484	1.591.910	1.626.300	1.723.600	1.874.938	2.010.351	2.130.724	32%
Cologne Bonn Airport	446.296	463.718	515.429	539.997	623.695	657.672	703.841	58%
Copenhagen Airport	419.432	379.037	373.694	335.731	335.649	355.087	380.024	-9%
Düsseldorf International Airport	59.965	52.597	46.232	48.523	56.838	57.595	60.269	1%
East Midlands Airport Nottingham Leicester Derby	187.065	204.213	228.654	237.344	277.185	292.149	298.283	59%
Frankfurt Airport	1.730.443	1.635.236	1.655.802	1.674.738	1.868.819	1.991.535	2.154.063	24%
Frankfurt-Hahn Airport	74.958	23.987	22.408	36.575	66.121	107.302	123.164	64%
Hamburg Airport	48.669	43.076	40.871	36.018	37.086	32.678	38.212	-21%
Leipzig/Halle Airport	15.268	14.392	15.033	15.839	10.296	12.890	29.329	92%
Liège Airport	270.311	273.219	326.879	374.159	382.325	325.712	406.525	50%
London Gatwick Airport	334.521	292.041	252.002	233.472	226.927	232.084	219.876	-34%
London Heathrow Airport	1.401.920	1.263.589	1.310.579	1.300.349	1.412.019	1.389.298	1.342.646	-4%
London Stansted Airport	178.825	179.499	193.195	202.743	239.051	254.812	241.330	35%
Luxembourg-Findel International Airport	499.911	510.232	578.988	656.638	730.562	742.341	752.326	50%
Maastricht Aachen Airport	47.199	33.185	39.518	34.226	44.900	57.604	54.158	15%
Madrid Barajas International Airport	337.551	330.687	331.449	341.260	378.194	370.536	350.758	4%
Malpensa International Airport	300.834	289.342	293.914	319.511	361.237	384.752	419.128	39%
Munich International Airport	156.557	157.668	188.399	178.132	198.373	223.877	245.409	57%
Ostend-Bruges International Airport	93.472	88.817	57.131	78.066	97.582	108.260	98.525	5%
Rome Leonardo Da Vinci Fiumicino Airport	202.400	186.055	176.395	172.798	175.097	171.222	164.761	-19%
Vatry International Airport	1.017	1.780	6.163	8.730	19.128	37.632	37.659	3603%
Vienna International Airport	135.000	120.222	124.230	127.084	158.256	180.089	187.852	39%
Zürich Airport	417.985	374.285	332.714	305.481	280.564	287.875	279.910	-33%



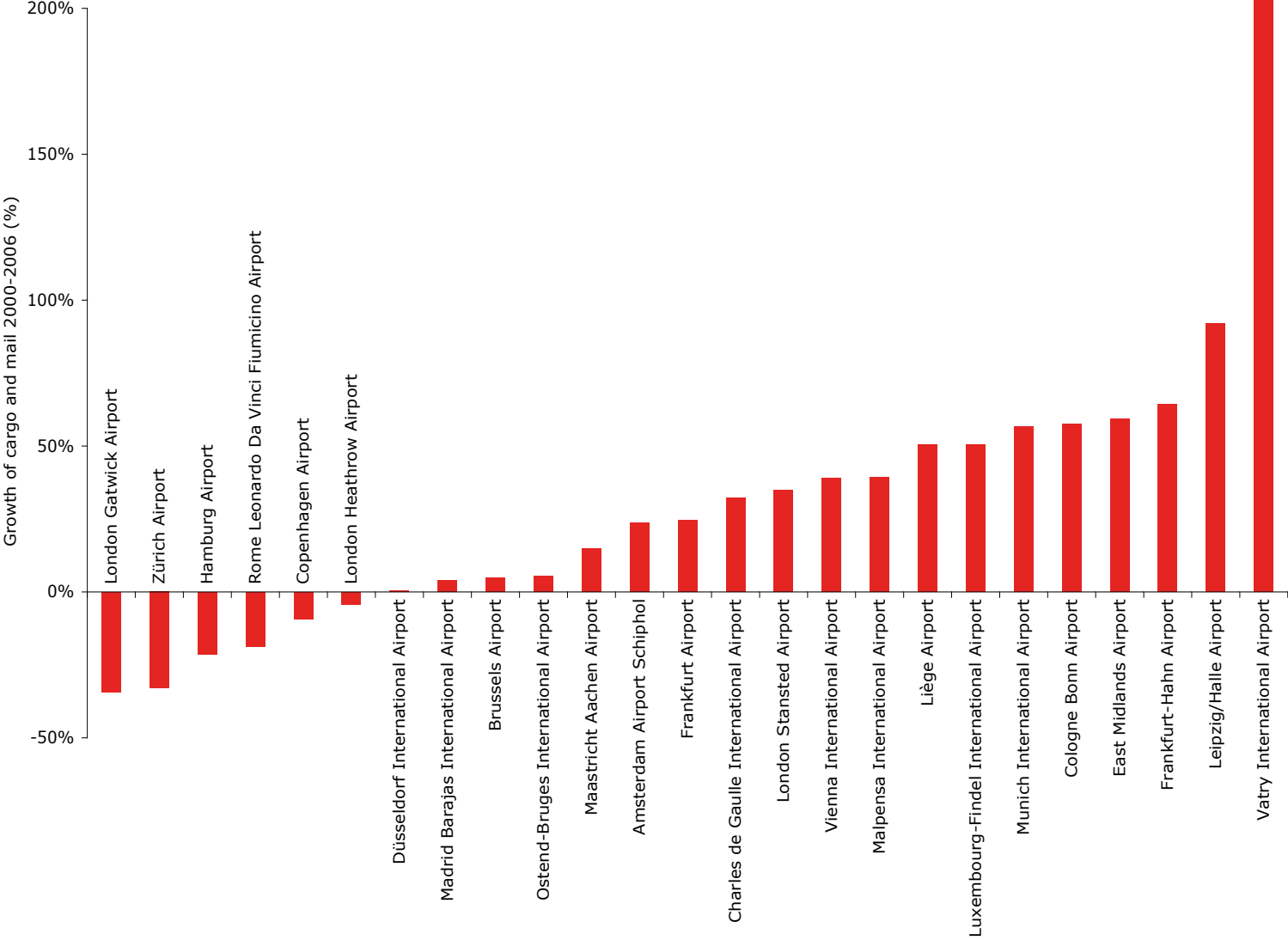
## Total passengers 2000-2006 (\*1000)

	2000	2001	2002	2003	2004	2005	2006	Δ% 00-06
Amsterdam Airport Schiphol	39.271	39.309	40.588	39.809	42.425	44.078	46.066	17%
Brussels Airport	21.637	19.685	14.411	15.194	15.633	16.180	16.708	-23%
Charles de Gaulle International Airport	48.246	47.997	48.359	48.220	51.260	53.798	56.850	18%
Cologne Bonn Airport	6.292	5.706	5.375	7.759	8.333	9.452	9.904	57%
Copenhagen Airport	18.120	18.136	18.272	17.714	19.035	19.982	20.877	15%
Düsseldorf International Airport	16.028	15.393	14.742	14.273	15.257	15.511	16.590	4%
East Midlands Airport Nottingham Leicester Derby	2.227	2.380	3.233	4.254	4.375	4.182	4.721	112%
Frankfurt Airport	49.361	48.560	48.450	48.352	51.098	52.219	52.811	7%
Frankfurt-Hahn Airport	380	451	1.458	2.432	2.760	3.080	3.705	874%
Hamburg Airport	9.949	9.490	8.947	9.530	9.894	10.676	11.954	20%
Leipzig/Halle Airport	2.277	2.174	1.968	1.951	2.027	2.122	2.340	3%
Liège Airport	200	207	166	174	207	236	307	54%
London Gatwick Airport	31.948	31.097	29.518	29.893	31.392	32.693	34.080	7%
London Heathrow Airport	64.277	60.453	63.035	63.208	67.109	67.683	67.339	5%
London Stansted Airport	11.858	13.654	16.049	18.716	20.907	21.992	23.680	100%
Luxembourg-Findel International Airport	1.669	1.625	1.522	1.461	1.517	1.574	1.613	-3%
Maastricht Aachen Airport	330	325	270	278	233	316	276	-16%
Madrid Barajas International Airport	32.894	34.050	33.915	35.856	38.719	42.147	45.530	38%
Malpensa International Airport	20.717	18.570	17.441	17.622	18.555	19.631	21.767	5%
Munich International Airport	23.126	23.647	23.164	24.193	26.815	28.619	30.758	33%
Ostend-Bruges International Airport	124	118	103	151	111	126	146	18%
Rome Leonardo Da Vinci Fiumicino Airport	26.288	25.566	25.340	26.285	28.120	28.683	30.177	15%
Vatry International Airport	0	1	1	2	9	7	9	8569%
Vienna International Airport	11.940	11.853	11.974	12.785	14.786	15.859	16.856	41%
Zürich Airport	22.675	21.013	17.948	17.025	17.253	17.885	19.237	-15%

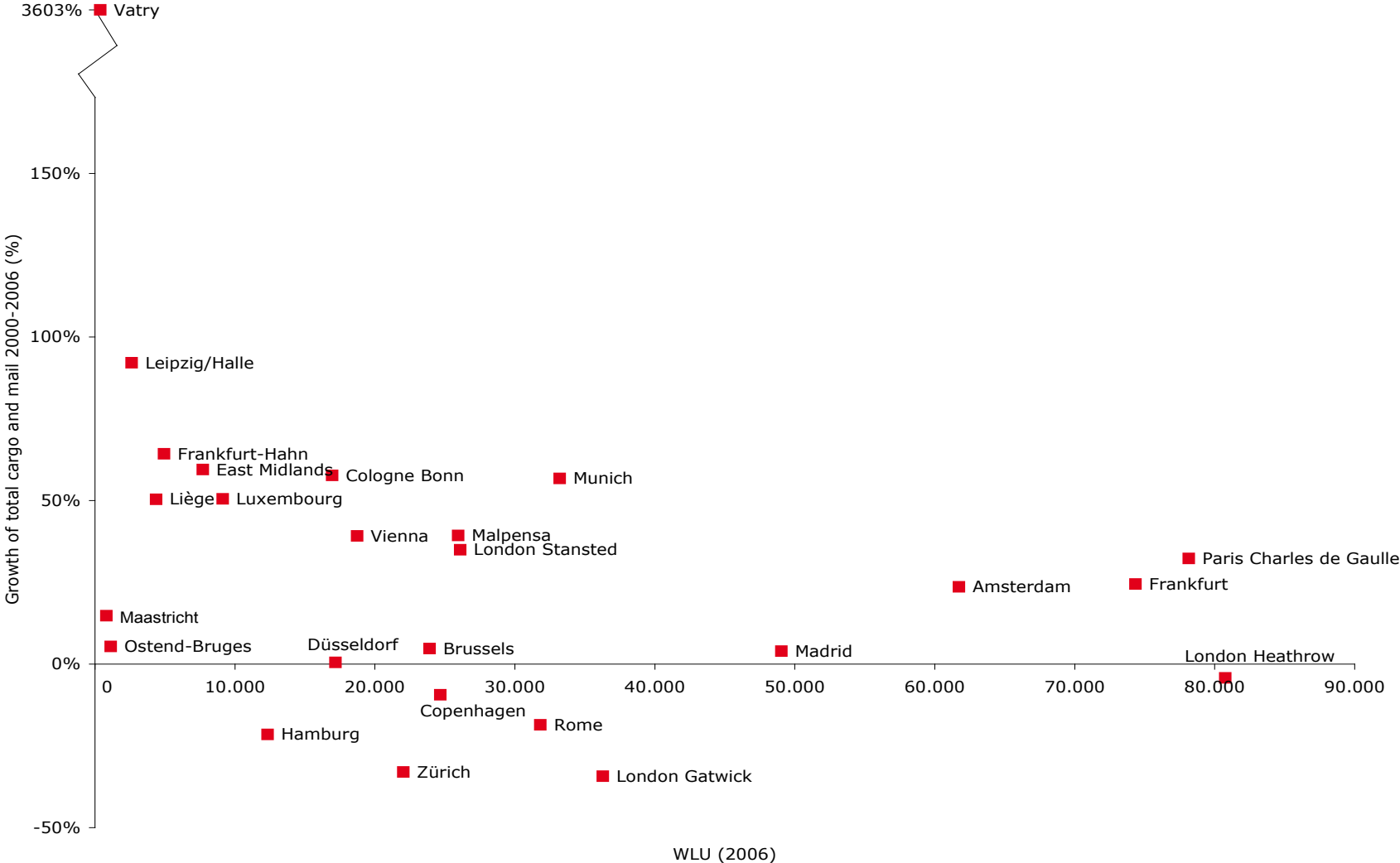
## Cargo and mail in 2006



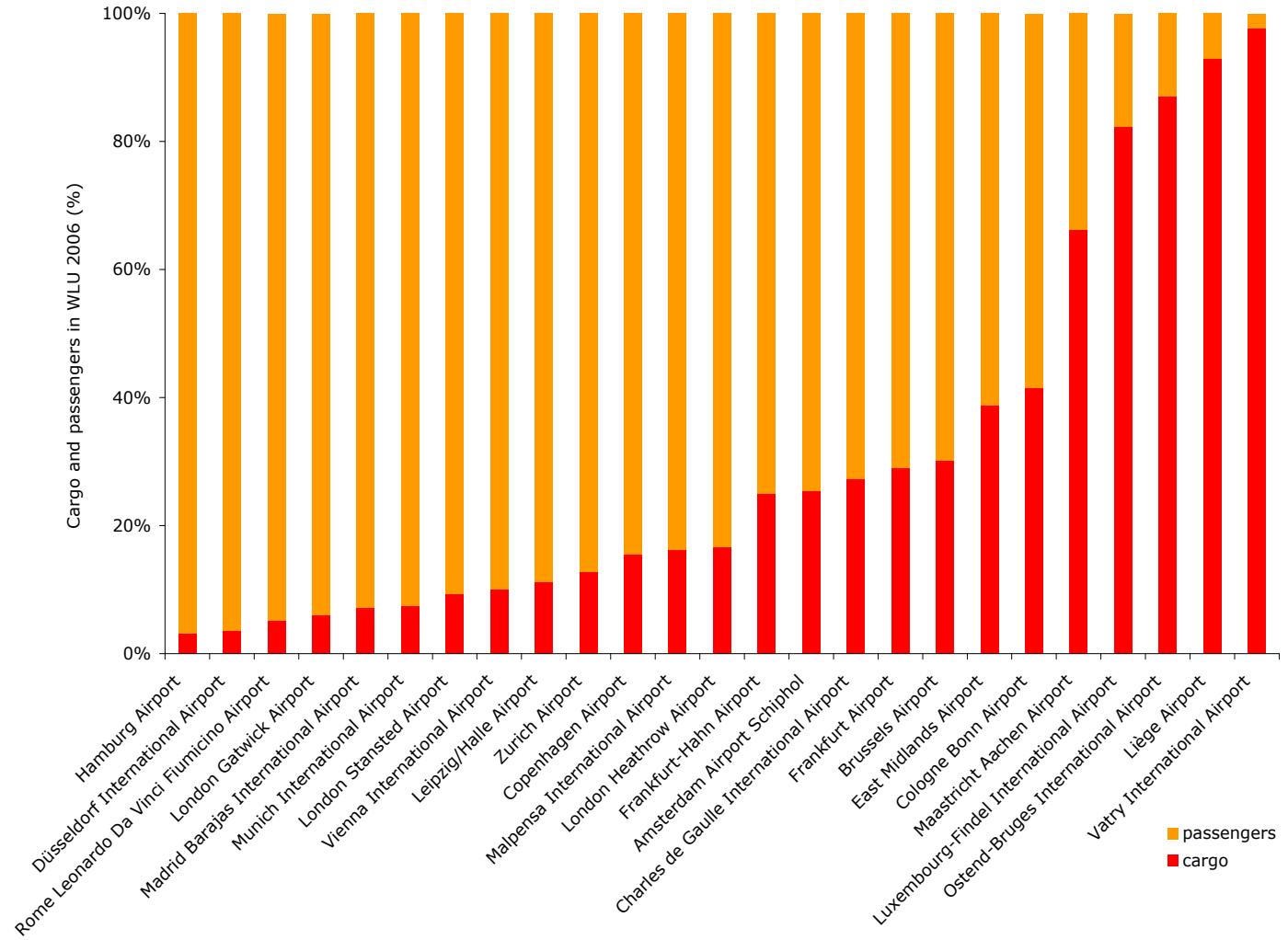
### Growth of cargo and mail between 2000 and 2006



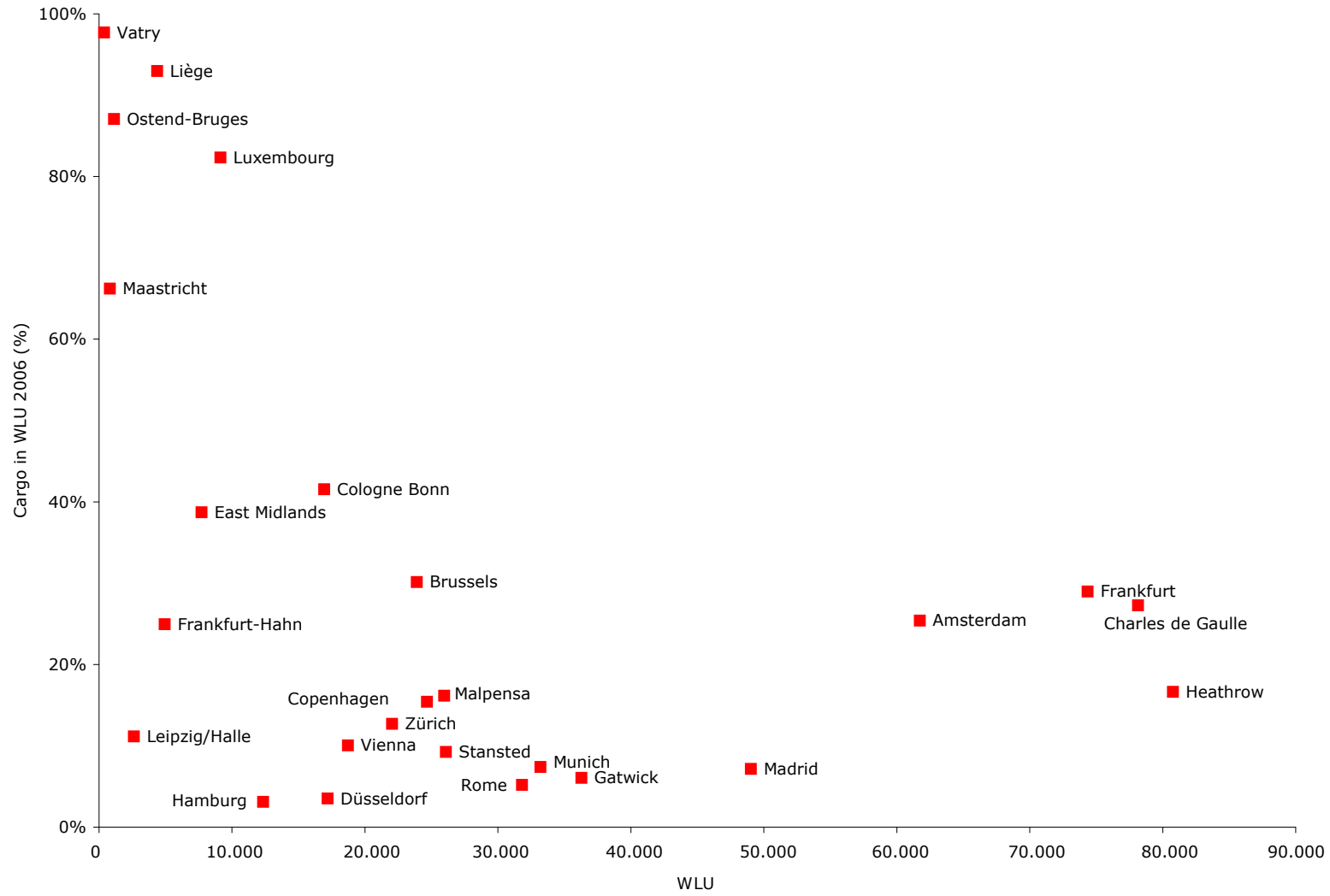
Growth of cargo and mail (2000-2006) vs. WLU (2006)



## Share of cargo and passengers in 2006



### Cargo share in WLU (2006) vs. WLU (2006)



# TECHNICAL TERMS

**Aircraft movements:** All aircraft take-offs and landings by scheduled and unscheduled services or charter services.

**ASK:** Available seat kilometres; the number of seats of a carrier multiplied by the number of kilometres they are flown.

**Cargo:** Transport of cargo by air in metric tonnes (1 metric tonne = 1.000 kg). Luggage, mail and trucked freight are excluded. Mail is a distinctive category.

**Cargo terminal's first line:** Area right next to the cargo apron where air cargo transshipment takes place to and from the aircraft.

**Cargo terminal's second line:** Area located directly behind the first line cargo sheds where air cargo transshipment takes place between shippers, forwarders, and handling agents.

**Employment:** Employment as given in the annual reports of the airport authorities or on the websites of the airport authorities (preferably direct employment).

**Full-freighter aircraft:** An aircraft transporting only cargo.

**ICA-traffic:** intercontinental traffic.

**Multi airport system:** The set of airports that serve the air-line traffic of a metropolitan area.

**Passenger-combi aircraft:** An aircraft transporting passengers as well as cargo.

**Transfer:** Arriving passengers who continue on another flight within a certain time limit.

**WLU (Work Load Unit):** A term representing passenger traffic plus cargo traffic, one WLU represents 1.000 passengers or 100 tonnes of cargo.

**GFA:** Gross Floor Area.

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## MAPS

Regional maps: Corine 2000, ESRI 2007  
Airport maps: RPB according to the websites of the airport authorities.

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