

# Airports classification

## Introduction

This document presents the Airports capacity needs plans and their deployment priorities for the following years: 2014, 2019, 2025 and 2030. The baseline year is 2010, as recorded in the Network Manager Directorate (former “CFMU”) databases. The capacity needs are defined based on the following assumptions:

- The airports are constrained and improvements coming from SESAR deployment are applicable (20% until 2030) - current limitations due to airport infrastructure and /or ATC constrains are considered (see in tables data under the column: “With constr.”).
- The airports are not constrained – current limitations due to airport infrastructure and /or ATC constrains are NOT considered (see in the tables the associated data under the column: “Without constr.”). This data represents demand data in the ideal situation when the airports would be able to deal with all predicted traffic based on STATFOR “SCENARIO C”.

Two airport categories have been defined, see below:

### 1) Categories by capacity needs:

- Very High Capacity Needs (VHCN) : Airports with more than 100 movements by hour in peak hour (1% percentile)
- High Capacity Needs (HCN) : Airports with movements between 60-100 in peak hour (1% percentile)
- Medium Capacity Needs (MCN) : Airports with movements between 30-60 in peak hour (1% percentile)
- Low Capacity Needs (LCN) : Airports with less than 30 movements by hour in peak hour (1% percentile)

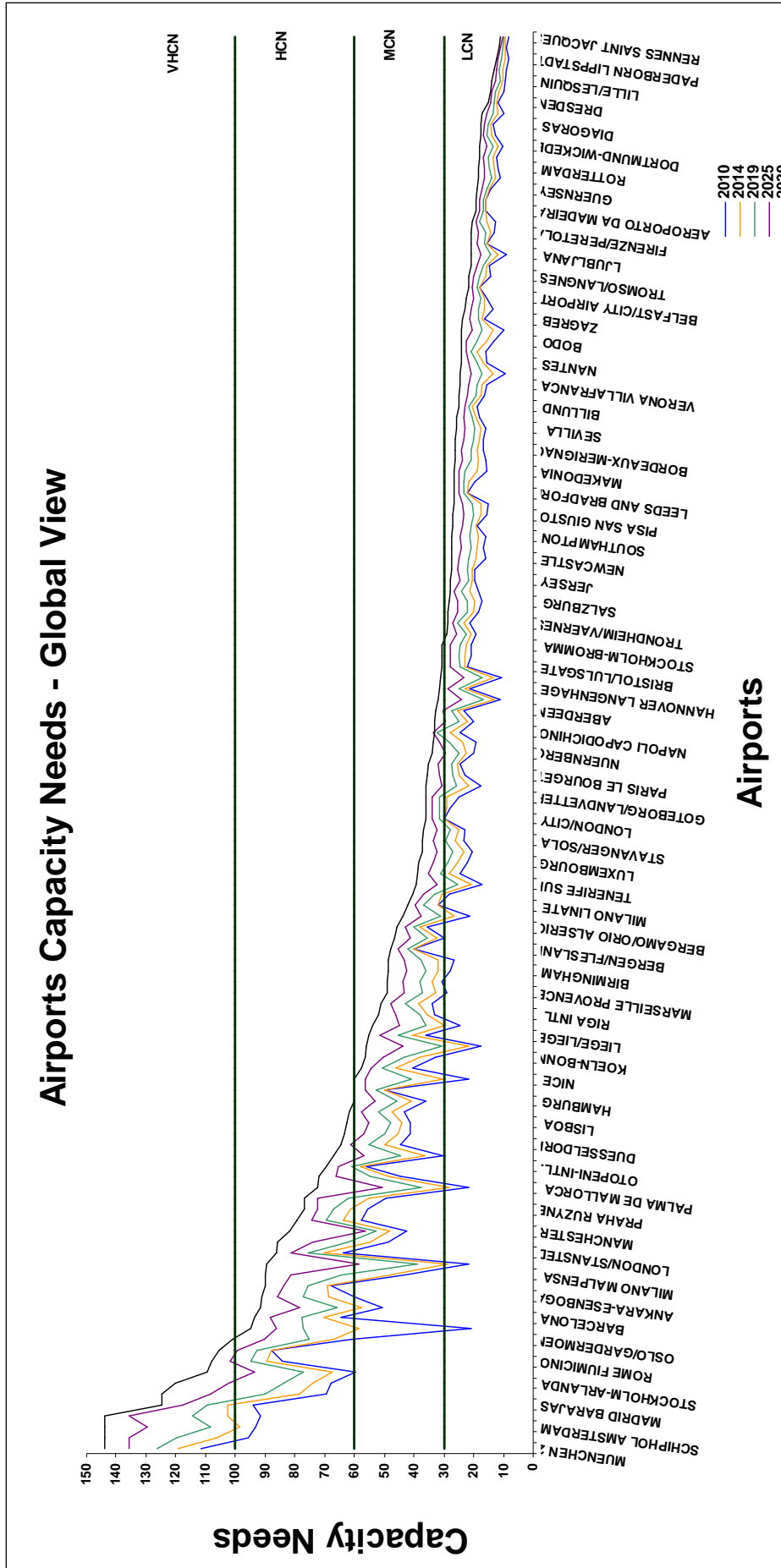
### 2) Categories by deployment priority:

- Airports that reached their estimated maximum capacity for that specific year: value:” Yes”
- Airports that did not reach their estimated maximum capacity for that specific year: value: “No”

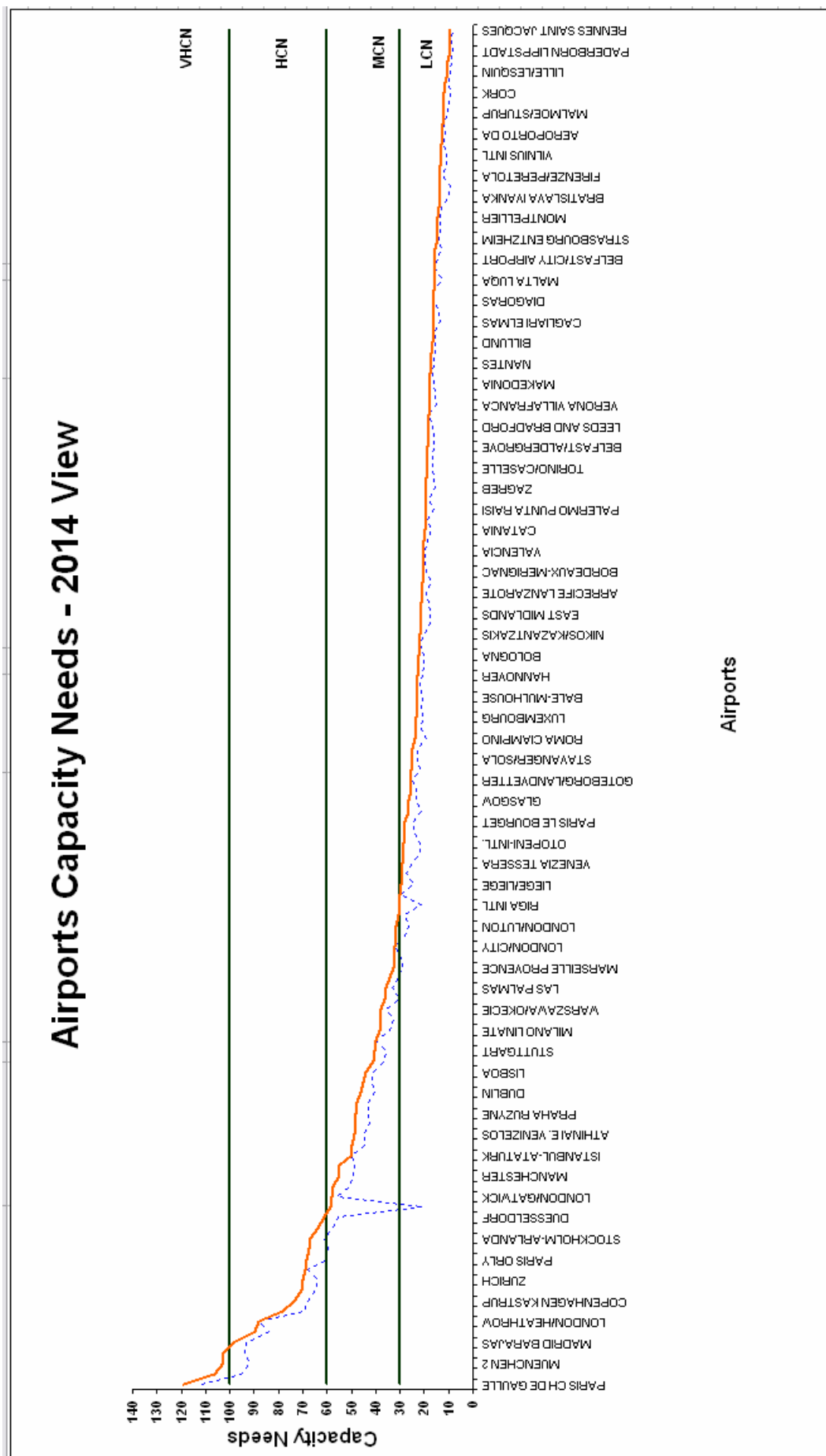
In each year the following data is presented:

- 1) A graph that shows the capacity needs by year
- 2) A table that list all the airports ordered by capacity needs category.
- 3) A table that list the airportsordered by deployment category (Reached their Max Cap)
- 4) A summary of max and min increase in capacity needs ( in percentage) by capacity category

# Capacity needs category – global view (2010-2030)



# 2014 Airports ordered by Capacity Needs category



Airports	Code	2010		2014					
		Capacity Class	Capacity Needs	Capacity Needs					
				Capacity Class	With Const.	Without Const.	% of lost traffic per hour due to const	Cap Needs % (2014 vs 2010)	Reached their Max Cap
PARIS CH DE GAULLE	LFPG	VHCN	111,53	VHCN	119,26	128,88	7,47%	6,93%	No
SCHIPHOL AMSTERDAM	EHAM	HCN	95,49	VHCN	106,36	106,62	0,24%	11,38%	No
MUENCHEN 2	EDDM	HCN	91,55	VHCN	102,75	102,94	0,19%	12,23%	No
FRANKFURT MAIN	EDDF	HCN	94,00	VHCN	102,47	107,58	4,75%	9,01%	No
MADRID BARAJAS	LEMD	HCN	93,15	HCN	98,38	98,41	0,03%	5,62%	No
ROME FIUMICINO	LIRF	HCN	84,22	HCN	89,63	94,55	5,20%	6,43%	Yes
LONDON/HEATHROW	EGLL	HCN	88,00	HCN	88,00	102,40	14,06%	0,00%	Yes
OSLO/GARDERM OEN	ENGM	HCN	69,34	HCN	78,54	78,65	0,14%	13,26%	No
COPENHAGEN KASTRUP	EKCH	HCN	67,75	HCN	73,85	73,95	0,14%	9,01%	No
BARCELONA	LEBL	HCN	64,76	HCN	70,29	70,31	0,04%	8,54%	No
ZURICH	LSZH	HCN	63,71	HCN	70,24	70,38	0,20%	10,25%	No
WIEN SCHWECHAT	LOWW	HCN	68,00	HCN	69,00	78,91	12,56%	1,47%	Yes
PARIS ORLY	LFPO	HCN	60,14	HCN	68,60	68,63	0,05%	14,07%	No
BRUSSELS NATIONAL	EBBR	MCN	59,87	HCN	67,27	67,47	0,30%	12,35%	No
STOCKHOLM-ARLANDA	ESSA	HCN	61,10	HCN	66,95	67,05	0,15%	9,57%	No
PALMA DE MALLORCA	LEPA	MCN	57,45	HCN	63,82	63,82	0,00%	11,09%	No
DUESSELDORF	EDDL	MCN	55,48	HCN	61,23	61,48	0,40%	10,37%	No
SCHOENEFELD-BERLIN	EDDB	LCN	20,93	MCN	58,60	58,81	0,37%	179,94%	No
LONDON/GATWICK	EGKK	MCN	55,83	MCN	58,00	61,98	6,42%	3,89%	Yes
HELSINKI-VANTAA	EFHK	MCN	50,56	MCN	57,50	57,56	0,11%	13,71%	No
MANCHESTER	EGCC	MCN	49,26	MCN	55,12	55,20	0,15%	11,88%	No
MILANO MALPENSA	LIMC	MCN	48,77	MCN	54,92	54,97	0,10%	12,61%	No
ISTANBUL-ATATURK	LTBA	MCN	50,00	MCN	50,00	73,00	31,51%	0,00%	Yes
NICE	LFMN	MCN	44,44	MCN	49,77	49,80	0,06%	11,99%	No
ATHINAI E. VENIZELOS	LGAV	MCN	44,51	MCN	48,61	48,68	0,13%	9,23%	No
LONDON/STANSTED	EGSS	MCN	42,47	MCN	48,36	50,55	4,33%	13,86%	No
PRAHA RUZYNE	LKPR	MCN	42,80	MCN	48,00	52,97	9,38%	12,14%	Yes
HAMBURG	EDDH	MCN	43,15	MCN	47,48	47,67	0,39%	10,04%	No
DUBLIN	EIDW	MCN	40,56	MCN	46,35	49,58	6,51%	14,27%	No
LYON SATOLAS	LFLL	MCN	41,43	MCN	45,29	45,35	0,12%	9,33%	No

Airports	Code	2010		2014					
		Capacity Class	Capacity Needs	Capacity Needs					
				Capacity Class	With Const.	Without Const.	% of lost traffic per hour due to const	Cap Needs % (2014 vs 2010)	Reached their Max Cap
LISBOA	LPPT	MCN	41,17	MCN	44,10	44,11	0,03%	7,10%	No
MALAGA	LEMG	MCN	36,09	MCN	40,91	40,91	0,00%	13,36%	No
STUTTGART	EDDS	MCN	35,84	MCN	40,64	40,81	0,41%	13,39%	No
GENEVE COINTRIN	LSGG	MCN	40,00	MCN	40,00	49,23	18,75%	0,00%	Yes
MILANO LINATE	LIML	MCN	33,98	MCN	38,25	38,26	0,00%	12,59%	No
KOELN-BONN	EDDK	MCN	32,70	MCN	38,07	38,25	0,47%	16,41%	No
WARSAWA/OKE CIE	EPWA	MCN	35,60	MCN	37,86	43,24	12,44%	6,35%	Yes
FERIHEGY-BUDAPEST	LHBP	MCN	30,28	MCN	36,50	36,56	0,15%	20,57%	No
EDINBURGH	EGPH	MCN	30,68	MCN	33,97	33,97	0,00%	10,74%	No
MARSEILLE PROVENCE	LFML	LCN	28,91	MCN	32,79	32,81	0,06%	13,43%	No
BERGEN/FLESLAND	ENBR	LCN	29,77	MCN	32,34	32,37	0,09%	8,63%	No
LONDON/CITY	EGLC	MCN	32,00	MCN	32,00	38,35	16,56%	0,00%	Yes
BIRMINGHAM	EGBB	LCN	27,93	MCN	31,88	31,92	0,14%	14,14%	No
LONDON/LUTON	EGGW	LCN	26,57	MCN	31,87	31,89	0,05%	19,94%	No
TOULOUSE BLAGNAC	LFBO	LCN	28,09	MCN	30,54	30,55	0,04%	8,70%	No
RIGA INTL	EVRA	LCN	21,52	MCN	30,26	30,32	0,18%	40,65%	No
LAS PALMAS	GCLP	MCN	33,21	MCN	35,69	36,54	2,31%	7,49%	Yes
ANTALYA	LTAI	LCN	30,00	LCN	30,00	66,50	54,89%	0,00%	Yes
LIEGE/LIEGE	EBLG	LCN	24,56	LCN	29,72	29,80	0,26%	20,99%	No
STOCKHOLM-BROMMA	ESSB	LCN	27,71	LCN	29,05	29,05	0,01%	4,83%	No
VENEZIA TESSERA	LIPZ	LCN	24,93	LCN	28,83	29,06	0,78%	15,64%	No
ANKARA-ESENBOGA	LTAC	LCN	21,84	LCN	28,72	29,21	1,70%	31,49%	No
OTOPENI-INTL.	LROP	LCN	21,79	LCN	28,38	28,56	0,62%	30,22%	No
TENERIFE SUR	GCTS	LCN	24,62	LCN	28,26	28,26	0,01%	14,77%	No
PARIS LE BOURGET	LFPB	LCN	24,51	LCN	27,95	27,97	0,08%	14,05%	No
BERGAMO/ORIO ALSERIO	LIME	LCN	21,36	LCN	26,52	26,52	0,01%	24,17%	No
GLASGOW	EGPF	LCN	23,40	LCN	26,19	26,24	0,16%	11,93%	No
NUERNBERG	EDDN	LCN	23,20	LCN	25,52	25,65	0,53%	10,01%	No
GOTEBORG/LAN DVETTER	ESGG	LCN	24,64	LCN	25,47	25,56	0,34%	3,36%	No
LEIPZIG/HALLE	EDDP	LCN	21,93	LCN	25,22	25,40	0,71%	14,99%	No
STAVANGER/SOLA	ENZV	LCN	23,00	LCN	25,04	25,07	0,12%	8,89%	No
ALICANTE	LEAL	LCN	22,97	LCN	24,80	24,80	0,00%	8,00%	No
ROMA CIAMPINO	LIRA	LCN	19,26	LCN	23,85	23,86	0,02%	23,81%	No
FARO	LPFR	LCN	21,10	LCN	23,45	23,90	1,87%	11,12%	No
LUXEMBOURG	ELLX	LCN	20,55	LCN	23,33	23,38	0,22%	13,53%	No
NAPOLI CAPODICHINO	LIRN	LCN	21,33	LCN	22,89	22,90	0,02%	7,31%	No

Airports	Code	2010		2014					
		Capacity Class	Capacity Needs	Capacity Needs					
				Capacity Class	With Const.	Without Const.	% of lost traffic per hour due to const	Cap Needs % (2014 vs 2010)	Reached their Max Cap
BALE-MULHOUSE	LFSB	LCN	20,86	LCN	22,74	22,83	0,40%	8,99%	No
ABERDEEN	EGPD	LCN	21,90	LCN	22,69	22,69	0,00%	3,61%	No
HANNOVER LANGENHAGEN	EDDV	LCN	20,98	LCN	22,60	22,76	0,70%	7,76%	No
BRISTOL/LULSGATE	EGGD	LCN	19,98	LCN	22,31	22,34	0,16%	11,66%	No
BOLOGNA	LIPE	LCN	19,99	LCN	22,25	22,26	0,03%	11,33%	No
IBIZA	LEIB	LCN	22,00	LCN	22,00	26,53	17,06%	0,00%	Yes
NIKOS/KAZANTZAKIS	LGIR	LCN	19,67	LCN	21,60	21,84	1,10%	9,85%	Yes
SURCIN-BEOGRAD	LYBE	LCN	17,44	LCN	21,52	21,59	0,35%	23,41%	No
EAST MIDLANDS	EGNX	LCN	17,40	LCN	21,50	21,54	0,18%	23,57%	No
SALZBURG	LOWS	LCN	18,31	LCN	21,16	21,21	0,25%	15,55%	No
ARRECIFE LANZAROTE	GCCR	LCN	19,29	LCN	20,83	20,83	0,00%	7,99%	No
LARNACA	LCLK	LCN	16,97	LCN	20,82	20,82	0,00%	22,72%	No
BORDEAUX-MERIGNAC	LFBD	LCN	18,98	LCN	20,48	20,48	0,02%	7,91%	No
JERSEY	EGJJ	LCN	19,60	LCN	20,31	20,32	0,07%	3,62%	No
VALENCIA	LEVC	LCN	19,78	LCN	20,24	20,27	0,18%	2,31%	No
TRONDHEIM/VAERNES	ENVA	LCN	18,56	LCN	20,10	20,14	0,18%	8,28%	No
CATANIA FONTANAROSSA	LICC	LCN	17,31	LCN	19,78	19,79	0,00%	14,29%	No
SOUTHAMPTON	EGHI	LCN	18,63	LCN	19,14	19,14	0,01%	2,71%	No
PALERMO PUNTA RAISI	LICJ	LCN	15,85	LCN	19,13	19,13	0,00%	20,70%	No
FUERTEVENTURA	GCFV	LCN	17,93	LCN	19,04	19,04	0,00%	6,16%	No
ZAGREB	LDZA	LCN	15,54	LCN	19,00	19,70	3,56%	22,26%	Yes
SOFIA	LBSF	LCN	15,94	LCN	18,99	20,79	8,65%	19,14%	No
TORINO/CASELLE	LIMF	LCN	16,85	LCN	18,84	18,84	0,02%	11,79%	No
NEWCASTLE	EGNT	LCN	16,68	LCN	18,60	18,63	0,15%	11,54%	No
BELFAST/ALDER GROVE	EGAA	LCN	15,97	LCN	18,58	18,58	0,03%	16,35%	No
PISA SAN GIUSTO	LIRP	LCN	15,84	LCN	18,33	18,33	0,03%	15,71%	No
LEEDS AND BRADFORD	EGNM	LCN	16,60	LCN	18,09	18,11	0,07%	9,01%	No
GUERNSEY	EGJB	LCN	18,00	LCN	18,00	19,43	7,35%	0,00%	Yes
VERONA VILLAFRANCA	LIPX	LCN	15,01	LCN	17,62	17,63	0,08%	17,34%	No
LIVERPOOL	EGGP	LCN	15,64	LCN	17,59	17,60	0,02%	12,47%	No
MAKEDONIA	LGTS	LCN	15,94	LCN	17,56	17,57	0,02%	10,18%	No
MAHON/MENORCA	LEMH	LCN	16,40	LCN	17,56	17,58	0,06%	7,09%	No
NANTES	LFRS	LCN	16,23	LCN	17,12	17,16	0,20%	5,50%	No
SEVILLA	LEZL	LCN	15,62	LCN	17,00	17,01	0,02%	8,86%	No



Airports	Code	2010		2014					
		Capacity Class	Capacity Needs	Capacity Needs					
				Capacity Class	With Const.	Without Const.	% of lost traffic per hour due to const	Cap Needs % (2014 vs 2010)	Reached their Max Cap
BILLUND	EKBI	LCN	15,36	LCN	16,76	16,87	0,63%	9,17%	No
BODO	ENBO	LCN	15,71	LCN	16,27	16,27	0,02%	3,54%	No
CAGLIARI ELMAS	LIEE	LCN	13,59	LCN	16,24	16,25	0,00%	19,57%	No
BREMEN	EDDW	LCN	14,18	LCN	16,13	16,20	0,45%	13,71%	No
DIAGORAS	LGRP	LCN	16,00	LCN	16,00	22,05	27,45%	0,00%	Yes
PORTO	LPPR	LCN	16,00	LCN	16,00	17,98	11,02%	0,00%	Yes
MALTA LUQA	LMML	LCN	12,57	LCN	15,73	15,73	0,02%	25,06%	Yes
BILBAO	LEBB	LCN	15,37	LCN	15,50	15,52	0,09%	0,87%	No
BELFAST/CITY AIRPORT	EGAC	LCN	14,57	LCN	15,39	15,39	0,00%	5,56%	No
LJUBLJANA	LJLJ	LCN	13,02	LCN	15,37	15,44	0,46%	18,04%	No
STRASBOURG ENTZHEIM	LFST	LCN	14,22	LCN	14,74	14,75	0,06%	3,65%	No
TROMSO/LANGNES	ENTC	LCN	13,25	LCN	14,40	14,41	0,04%	8,68%	No
MONTPELLIER	LFMT	LCN	13,55	LCN	14,35	14,35	0,00%	5,91%	No
ROTTERDAM	EHRD	LCN	12,76	LCN	14,07	14,13	0,49%	10,25%	No
BRATISLAVA IVANKA	LZIB	LCN	9,92	LCN	13,67	13,77	0,66%	37,85%	No
SHANNON	EINN	LCN	9,30	LCN	13,65	13,65	0,02%	46,80%	No
FIRENZE/PERETOLA	LIRQ	LCN	12,34	LCN	13,64	13,64	0,01%	10,51%	No
TALLINN/ULEMISTE	EETN	LCN	10,80	LCN	13,31	13,35	0,34%	23,18%	No
VILNIUS INTL	EYVI	LCN	10,97	LCN	13,12	13,17	0,41%	19,62%	No
ISLE OF MAN/RONALDSW	EGNS	LCN	11,83	LCN	13,06	13,07	0,11%	10,42%	No
AEROPORTO DA MADEIRA	LPMA	LCN	11,16	LCN	12,64	12,66	0,14%	13,24%	No
DRESDEN	EDDC	LCN	11,90	LCN	12,24	12,32	0,67%	2,87%	No
MALMOE/STURUP	ESMS	LCN	10,36	LCN	11,84	11,87	0,25%	14,30%	No
DORTMUND-WICKEDE	EDLW	LCN	9,98	LCN	11,68	11,75	0,62%	17,08%	No
CORK	EICK	LCN	9,18	LCN	11,67	11,67	0,00%	27,12%	No
MUENSTER-OSNABRUECK	EDDG	LCN	9,94	LCN	11,26	11,35	0,81%	13,26%	No
LILLE/LESQUIN	LFQQ	LCN	9,48	LCN	10,33	10,34	0,10%	8,88%	No
CLERMONT-FERRAND	LFLC	LCN	9,00	LCN	10,23	10,23	0,01%	13,68%	No
PADERBORN LIPPSTADT	EDLP	LCN	8,25	LCN	9,53	9,66	1,34%	15,51%	No
MAASTRICHT	EHBK	LCN	9,06	LCN	9,51	9,55	0,42%	5,04%	No
RENNES SAINT JACQUES	LFRN	LCN	8,18	LCN	9,24	9,24	0,00%	12,96%	No

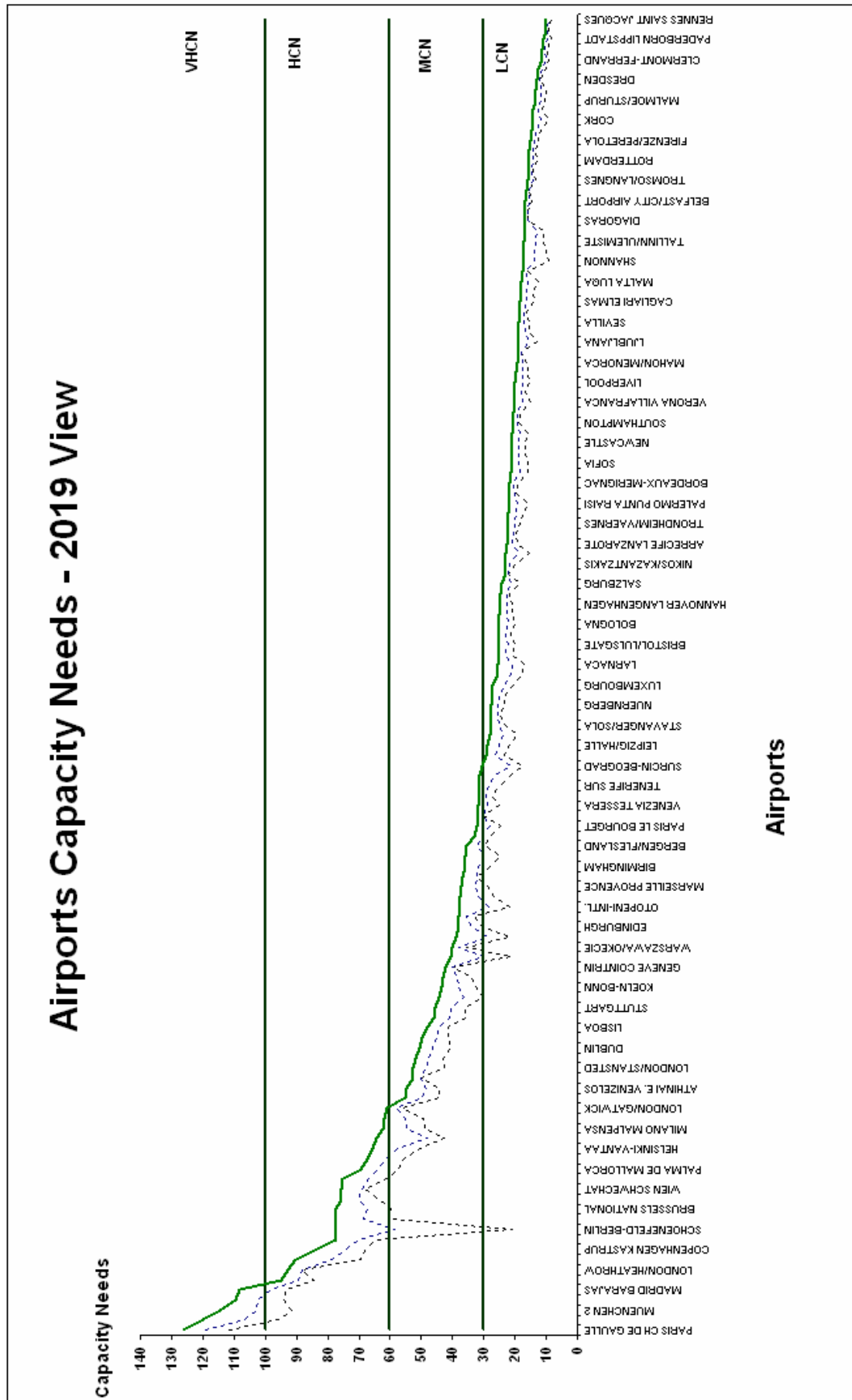
## 2014 Airports ordered by Deployment priority:

Airports	Code	2010		2014					
		Capacity Class	Capacity Needs	Capacity Needs					
				Capacity Class	With Const.	Without Const.	% of lost traffic per hour due to const	Cap Needs % (2014 vs 2010)	Reached their Max Cap
ROME FIUMICINO	LIRF	HCN	84,22	HCN	89,63	94,55	5,20%	6,43%	Yes
LONDON/HEATHROW	EGLL	HCN	88,00	HCN	88,00	102,40	14,06%	0,00%	Yes
WIEN SCHWECHAT	LOWW	HCN	68,00	HCN	69,00	78,91	12,56%	1,47%	Yes
LONDON/GATWICK	EGKK	MCN	55,83	MCN	58,00	61,98	6,42%	3,89%	Yes
ISTANBUL-ATATURK	LTBA	MCN	50,00	MCN	50,00	73,00	31,51%	0,00%	Yes
PRAHA RUZYNE	LKPR	MCN	42,80	MCN	48,00	52,97	9,38%	12,14%	Yes
GENEVE COINTRIN	LSGG	MCN	40,00	MCN	40,00	49,23	18,75%	0,00%	Yes
WARSZAWA/OKECIE	EPWA	MCN	35,60	MCN	37,86	43,24	12,44%	6,35%	Yes
LONDON/CITY	EGLC	MCN	32,00	MCN	32,00	38,35	16,56%	0,00%	Yes
LAS PALMAS	GCLP	MCN	33,21	MCN	35,69	36,54	2,31%	7,49%	Yes
ANTALYA	LTAI	LCN	30,00	LCN	30,00	66,50	54,89%	0,00%	Yes
IBIZA	LEIB	LCN	22,00	LCN	22,00	26,53	17,06%	0,00%	Yes
NIKOS/KAZANTZAKIS	LGIR	LCN	19,67	LCN	21,60	21,84	1,10%	9,85%	Yes
ZAGREB	LDZA	LCN	15,54	LCN	19,00	19,70	3,56%	22,26%	Yes
GUERNSEY	EGJB	LCN	18,00	LCN	18,00	19,43	7,35%	0,00%	Yes
DIAGORAS	LGRP	LCN	16,00	LCN	16,00	22,05	27,45%	0,00%	Yes
PORTO	LPPR	LCN	16,00	LCN	16,00	17,98	11,02%	0,00%	Yes
MALTA LUQA	LMML	LCN	12,57	LCN	15,73	15,73	0,02%	25,06%	Yes

# 2014 Summary

Airports	2010	2014	Increase of cap needs%		Airport
Classification	Capacity Needs	Capacity Needs with Const			
VHCN	111,53	119,26	Min	6,93%	PARIS CH DE GAULLE
	91,55	102,75	Max	12,23%	MUENCHEN 2
HCN	88,00	88,00	Min	0,00%	LONDON/HEATHROW
	60,14	68,60	Max	14,07%	PARIS ORLY
MCN	32,00	32,00	Min	0,00%	LONDON/CITY
	40,00	40,00		0,00%	GENEVE COINTRIN
	20,93	58,60	Max	179,94%	SCHOENEFELD-BERLIN
LCN	30,00	30,00	Min	0,00%	ANTALYA
	22,00	22,00		0,00%	IBIZA
	18,00	18,00		GUERNSEY	
	16,00	16,00		0,00%	DIAGORAS
	16,00	16,00		0,00%	PORTO
	9,30	13,65	Max	46,80%	SHANNON

# 2019 Airports ordered by Capacity Needs category



Airports	Code	2010		2019					
		Capacity Class	Capacity Needs	Capacity Needs					
				Capacity Class	With Const	Without Const	% of lost traffic per hour	Increase Cap Needs by % (2019 vs 2010)	Reached their Max Cap
PARIS CH DE GAULLE	LFPG	VHCN	111,53	VHCN	126,24	147,12	14,19%	13,19%	Yes
SCHIPHOL AMSTERDAM	EHAM	HCN	95,49	VHCN	119,89	120,64	0,62%	25,55%	No
MUENCHEN 2	EDDM	HCN	91,55	VHCN	114,47	115,11	0,56%	25,03%	No
FRANKFURT MAIN	EDDF	HCN	94,00	VHCN	109,41	121,13	9,68%	16,39%	Yes
MADRID BARAJAS	LEMD	HCN	93,15	VHCN	108,44	108,59	0,13%	16,42%	No
ROME FIUMICINO	LIRF	HCN	84,22	HCN	94,68	107,72	12,11%	12,42%	Yes
LONDON/HEATHROW	EGLL	HCN	88,00	HCN	92,58	115,76	20,03%	5,20%	Yes
OSLO/GARDERMOEN	ENGM	HCN	69,34	HCN	90,07	90,35	0,32%	29,88%	No
COPENHAGEN KASTRUP	EKCH	HCN	67,75	HCN	83,76	84,06	0,36%	23,63%	No
BARCELONA	LEBL	HCN	64,76	HCN	77,51	77,62	0,14%	19,69%	No
SCHOENEFELD-BERLIN	EDDB	LCN	20,93	HCN	77,25	77,84	0,75%	269,08%	No
PARIS ORLY	LFPO	HCN	60,14	HCN	77,14	77,20	0,09%	28,26%	No
BRUSSELS NATIONAL	EBBR	MCN	59,87	HCN	77,13	77,67	0,70%	28,82%	No
WIEN SCHWECHAT	LOWW	HCN	68,00	HCN	75,74	91,67	17,37%	11,39%	Yes
ZURICH	LSZH	HCN	63,71	HCN	75,74	78,97	4,08%	18,88%	Yes
STOCKHOLM-ARLANDA	ESSA	HCN	61,10	HCN	75,37	75,70	0,44%	23,34%	No
PALMA DE MALLORCA	LEPA	MCN	57,45	HCN	69,43	70,68	1,77%	20,86%	Yes
DUESSELDORF	EDDL	MCN	55,48	HCN	67,15	68,20	1,55%	21,02%	Yes
HELSINKI-VANTAA	EFHK	MCN	50,56	HCN	65,82	66,02	0,31%	30,17%	No
PRAHA RUZYNE	LKPR	MCN	42,80	HCN	64,27	64,64	0,57%	50,14%	No
MILANO MALPENSA	LIMC	MCN	48,77	HCN	62,15	62,40	0,41%	27,44%	No
MANCHESTER	EGCC	MCN	49,26	HCN	62,04	62,28	0,39%	25,92%	No
LONDON/GATWICK	EGKK	MCN	55,83	HCN	61,02	70,92	13,96%	9,29%	Yes
NICE	LFMN	MCN	44,44	MCN	55,37	55,50	0,24%	24,60%	No
ATHINAI E. VENIZELOS	LGAV	MCN	44,51	MCN	54,84	55,13	0,54%	23,22%	No
ISTANBUL-ATATURK	LTBA	MCN	50,00	MCN	52,60	99,99	47,39%	5,20%	Yes
LONDON/STANSTED	EGSS	MCN	42,47	MCN	52,60	58,73	10,43%	23,85%	Yes
HAMBURG	EDDH	MCN	43,15	MCN	51,88	52,36	0,91%	20,24%	No
DUBLIN	EIDW	MCN	40,56	MCN	50,50	59,27	14,80%	24,49%	Yes
LYON SATOLAS	LFLL	MCN	41,43	MCN	49,90	50,08	0,35%	20,47%	No
LISBOA	LPPT	MCN	41,17	MCN	47,87	47,92	0,11%	16,26%	No
MALAGA	LEMG	MCN	36,09	MCN	45,97	45,98	0,02%	27,38%	No
STUTTGART	EDDS	MCN	35,84	MCN	45,46	45,90	0,95%	26,84%	No
FERIHEGY-BUDAPEST	LHBP	MCN	30,28	MCN	44,36	44,58	0,49%	46,52%	No
KOELN-BONN	EDDK	MCN	32,70	MCN	43,45	43,92	1,07%	32,88%	No
MILANO LINATE	LIML	MCN	33,98	MCN	42,85	42,88	0,08%	26,11%	No
GENEVE COINTRIN	LSGG	MCN	40,00	MCN	42,08	55,85	24,66%	5,20%	Yes
RIGA INTL	EVRA	LCN	21,52	MCN	40,73	40,97	0,58%	89,31%	No
WARSAWA/OKECIE	EPWA	MCN	35,60	MCN	39,98	52,18	23,39%	12,30%	Yes
ANKARA-ESENOGA	LTAC	LCN	21,84	MCN	38,88	40,56	4,13%	78,04%	No
EDINBURGH	EGPH	MCN	30,68	MCN	37,92	37,94	0,06%	23,59%	No
OTOPENI-INTL.	LROP	LCN	21,79	MCN	37,44	38,14	1,83%	71,80%	No
LONDON/LUTON	EGGW	LCN	26,57	MCN	37,43	37,49	0,16%	40,86%	No
MARSEILLE PROVENCE	LFML	LCN	28,91	MCN	37,04	37,08	0,11%	28,13%	No
LONDON/CITY	EGLC	MCN	32,00	MCN	36,82	43,27	14,91%	15,06%	Yes
BIRMINGHAM	EGBB	LCN	27,93	MCN	36,15	36,27	0,34%	29,41%	No

Airports	Code	2010		2019					
		Capacity Class	Capacity Needs	Capacity Needs					
				Capacity Class	With Const	Without Const	% of lost traffic per hour	Increase Cap Needs by % (2019 vs 2010)	Reached their Max Cap
LIEGE/LIEGE	EBLG	LCN	24,56	MCN	36,10	36,38	0,75%	46,98%	No
BERGEN/FLESAND	ENBR	LCN	29,77	MCN	35,66	35,72	0,17%	19,79%	No
TOULOUSE BLAGNAC	LFBO	LCN	28,09	MCN	32,93	32,96	0,09%	17,22%	No
PARIS LE BOURGET	LFPB	LCN	24,51	MCN	32,19	32,26	0,23%	31,35%	No
ANTALYA	LTAI	LCN	30,00	MCN	31,56	89,59	64,77%	5,20%	Yes
VENEZIA TESSERA	LIPZ	LCN	24,93	MCN	31,56	33,49	5,76%	26,59%	Yes
STOCKHOLM-BROMMA	ESSB	LCN	27,71	MCN	31,39	31,85	1,43%	13,28%	No
TENERIFE SUR	GCTS	LCN	24,62	MCN	31,26	31,27	0,02%	26,98%	No
BERGAMO/ORIO ALSERIO	LIME	LCN	21,36	MCN	31,25	31,26	0,04%	46,31%	No
SURCIN-BEOGRAD	LYBE	LCN	17,44	MCN	30,46	30,85	1,27%	74,68%	No
LAS PALMAS	GCLP	MCN	33,21	MCN	37,87	40,24	5,88%	14,05%	Yes
GLASGOW	EGPF	LCN	23,40	LCN	29,26	29,39	0,44%	25,02%	No
LEIPZIG/HALLE	EDDP	LCN	21,93	LCN	28,66	29,10	1,50%	30,69%	No
ROMA CIAMPINO	LIRA	LCN	19,26	LCN	28,17	28,19	0,07%	46,21%	No
STAVANGER/SOLA	ENZV	LCN	23,00	LCN	27,77	27,83	0,24%	20,72%	No
GOTEBORG/LANDVETTER	ESGG	LCN	24,64	LCN	27,49	27,69	0,73%	11,55%	No
NUERNBERG	EDDN	LCN	23,20	LCN	27,41	27,75	1,20%	18,19%	No
ALICANTE	LEAL	LCN	22,97	LCN	27,09	27,10	0,01%	17,98%	No
LUXEMBOURG	ELLX	LCN	20,55	LCN	26,98	27,13	0,56%	31,28%	No
EAST MIDLANDS	EGNX	LCN	17,40	LCN	25,62	25,71	0,34%	47,22%	No
LARNACA	LCLK	LCN	16,97	LCN	25,45	25,47	0,10%	50,01%	No
FARO	LPFR	LCN	21,10	LCN	25,25	26,74	5,59%	19,64%	Yes
BRISTOL/LULSGATE	EGGD	LCN	19,98	LCN	25,02	25,10	0,31%	25,25%	No
NAPOLI CAPODICHINO	LIRN	LCN	21,33	LCN	24,97	24,99	0,05%	17,06%	No
BOLOGNA	LIPE	LCN	19,99	LCN	24,95	24,97	0,06%	24,84%	No
BALE-MULHOUSE	LFSB	LCN	20,86	LCN	24,90	25,17	1,05%	19,37%	No
HANNOVER LANGENHAGEN	EDDV	LCN	20,98	LCN	24,69	25,08	1,54%	17,71%	No
ABERDEEN	EGPD	LCN	21,90	LCN	24,53	24,55	0,09%	12,03%	No
SALZBURG	LOWS	LCN	18,31	LCN	24,10	24,22	0,49%	31,62%	No
IBIZA	LEIB	LCN	22,00	LCN	23,14	29,46	21,43%	5,20%	Yes
NIKOS/KAZANTZAKIS	LGIR	LCN	19,67	LCN	23,14	24,10	3,98%	17,68%	Yes
ZAGREB	LDZA	LCN	15,54	LCN	23,01	24,56	6,33%	48,06%	Yes
ARRECIFE LANZAROTE	GCRR	LCN	19,29	LCN	22,61	22,61	0,00%	17,21%	No
JERSEY	EGJJ	LCN	19,60	LCN	22,21	22,28	0,30%	13,34%	No
TRONDHEIM/VAERNES	ENVA	LCN	18,56	LCN	22,13	22,20	0,33%	19,20%	No
CATANIA FONTANAROSSA	LICC	LCN	17,31	LCN	22,11	22,11	0,02%	27,73%	No
PALERMO PUNTA RAISI	LICJ	LCN	15,85	LCN	21,86	21,86	0,01%	37,93%	No
VALENCIA	LEVC	LCN	19,78	LCN	21,58	21,68	0,46%	9,09%	No
BORDEAUX-MERIGNAC	LFBD	LCN	18,98	LCN	21,54	21,54	0,04%	13,49%	No
BELFAST/ALDERGROVE	EGAA	LCN	15,97	LCN	21,11	21,13	0,10%	32,23%	No
SOFIA	LBSF	LCN	15,94	LCN	21,04	27,33	23,01%	31,97%	Yes
TORINO/CASELLE	LIMF	LCN	16,85	LCN	20,97	20,98	0,04%	24,46%	No
NEWCASTLE	EGNT	LCN	16,68	LCN	20,87	20,94	0,34%	25,15%	No
PISA SAN GIUSTO	LIRP	LCN	15,84	LCN	20,70	20,72	0,06%	30,70%	No
SOUTHAMPTON	EGHI	LCN	18,63	LCN	20,64	20,65	0,02%	10,79%	No

Airports	Code	2010		2019					
		Capacity Class	Capacity Needs	Capacity Needs					
				Capacity Class	With Const	Without Const	% of lost traffic per hour	Increase Cap Needs by % (2019 vs 2010)	Reached their Max Cap
FUERTEVENTURA	GCFV	LCN	17,93	LCN	20,42	20,42	0,01%	13,87%	No
VERONA VILAFRANCA	LIPX	LCN	15,01	LCN	20,25	20,29	0,15%	34,93%	No
LEEDS AND BRADFORD	EGNM	LCN	16,60	LCN	20,07	20,11	0,17%	20,95%	No
LIVERPOOL	EGGP	LCN	15,64	LCN	19,86	19,87	0,05%	26,98%	No
MAKEDONIA	LGTS	LCN	15,94	LCN	19,53	19,55	0,10%	22,47%	No
MAHON/MENORCA	LEMH	LCN	16,40	LCN	19,12	19,15	0,14%	16,59%	No
GUERNSEY	EGJB	LCN	18,00	LCN	18,94	20,72	8,60%	5,20%	Yes
LJUBLJANA	LJLJ	LCN	13,02	LCN	18,82	19,11	1,51%	44,51%	No
BILLUND	EKBI	LCN	15,36	LCN	18,71	18,94	1,22%	21,81%	No
SEVILLA	LEZL	LCN	15,62	LCN	18,70	18,71	0,06%	19,69%	No
NANTES	LFRS	LCN	16,23	LCN	18,47	18,55	0,44%	13,77%	No
CAGLIARI ELMAS	LIEE	LCN	13,59	LCN	18,46	18,46	0,02%	35,84%	No
BREMEN	EDDW	LCN	14,18	LCN	18,03	18,19	0,89%	27,10%	No
MALTA LUQA	LMML	LCN	12,57	LCN	17,88	18,86	5,18%	42,22%	Yes
BODO	ENBO	LCN	15,71	LCN	17,54	17,54	0,03%	11,61%	No
SHANNON	EINN	LCN	9,30	LCN	17,27	17,29	0,09%	85,74%	No
BRATISLAVA IVANKA	LZIB	LCN	9,92	LCN	17,04	17,26	1,27%	71,80%	No
TALLINN/ULEMISTE	EETN	LCN	10,80	LCN	17,01	17,12	0,63%	57,42%	No
VILNIUS INTL	EYVI	LCN	10,97	LCN	16,90	17,03	0,78%	54,12%	No
DIAGORAS	LGRP	LCN	16,00	LCN	16,83	24,80	32,12%	5,20%	Yes
PORTO	LPPR	LCN	16,00	LCN	16,83	18,91	10,99%	5,20%	Yes
BELFAST/CITY AIRPORT	EGAC	LCN	14,57	LCN	16,70	16,71	0,08%	14,57%	No
BILBAO	LEBB	LCN	15,37	LCN	16,36	16,39	0,21%	6,45%	No
TROMSO/LANGNES	ENTC	LCN	13,25	LCN	16,06	16,07	0,07%	21,18%	No
STRASBOURG ENTZHEIM	LFST	LCN	14,22	LCN	15,66	15,68	0,17%	10,11%	No
ROTTERDAM	EHRD	LCN	12,76	LCN	15,53	15,73	1,26%	21,73%	No
MONTPELLIER	LFMT	LCN	13,55	LCN	15,27	15,27	0,01%	12,65%	No
FIRENZE/PERETOLA	LIRQ	LCN	12,34	LCN	15,23	15,23	0,04%	23,34%	No
ISLE OF MAN/RONALDSW	EGNS	LCN	11,83	LCN	14,54	14,59	0,34%	22,93%	No
CORK	EICK	LCN	9,18	LCN	14,15	14,16	0,09%	54,08%	No
AEROPORTO DA MADEIRA	LPMA	LCN	11,16	LCN	14,07	14,10	0,24%	26,06%	No
MALMOE/STURUP	ESMS	LCN	10,36	LCN	13,57	13,63	0,45%	31,00%	No
DORTMUND-WICKEDE	EDLW	LCN	9,98	LCN	13,41	13,58	1,28%	34,39%	No
DRESDEN	EDDC	LCN	11,90	LCN	12,92	13,10	1,33%	8,64%	No
MUENSTER-OSNABRUECK	EDDG	LCN	9,94	LCN	12,48	12,67	1,54%	25,47%	No
CLERMONT-FERRAND	LFLC	LCN	9,00	LCN	11,30	11,30	0,03%	25,52%	No
LILLE/LESQUIN	LFQQ	LCN	9,48	LCN	11,21	11,24	0,19%	18,27%	No
PADERBORN LIPPSTADT	EDLP	LCN	8,25	LCN	10,67	10,94	2,50%	29,30%	No
MAASTRICHT	EHBK	LCN	9,06	LCN	10,19	10,35	1,58%	12,45%	No
RENNES SAINT JACQUES	LFRN	LCN	8,18	LCN	9,85	9,85	0,01%	20,35%	No

## 2019 Airports ordered by Deployment priority:

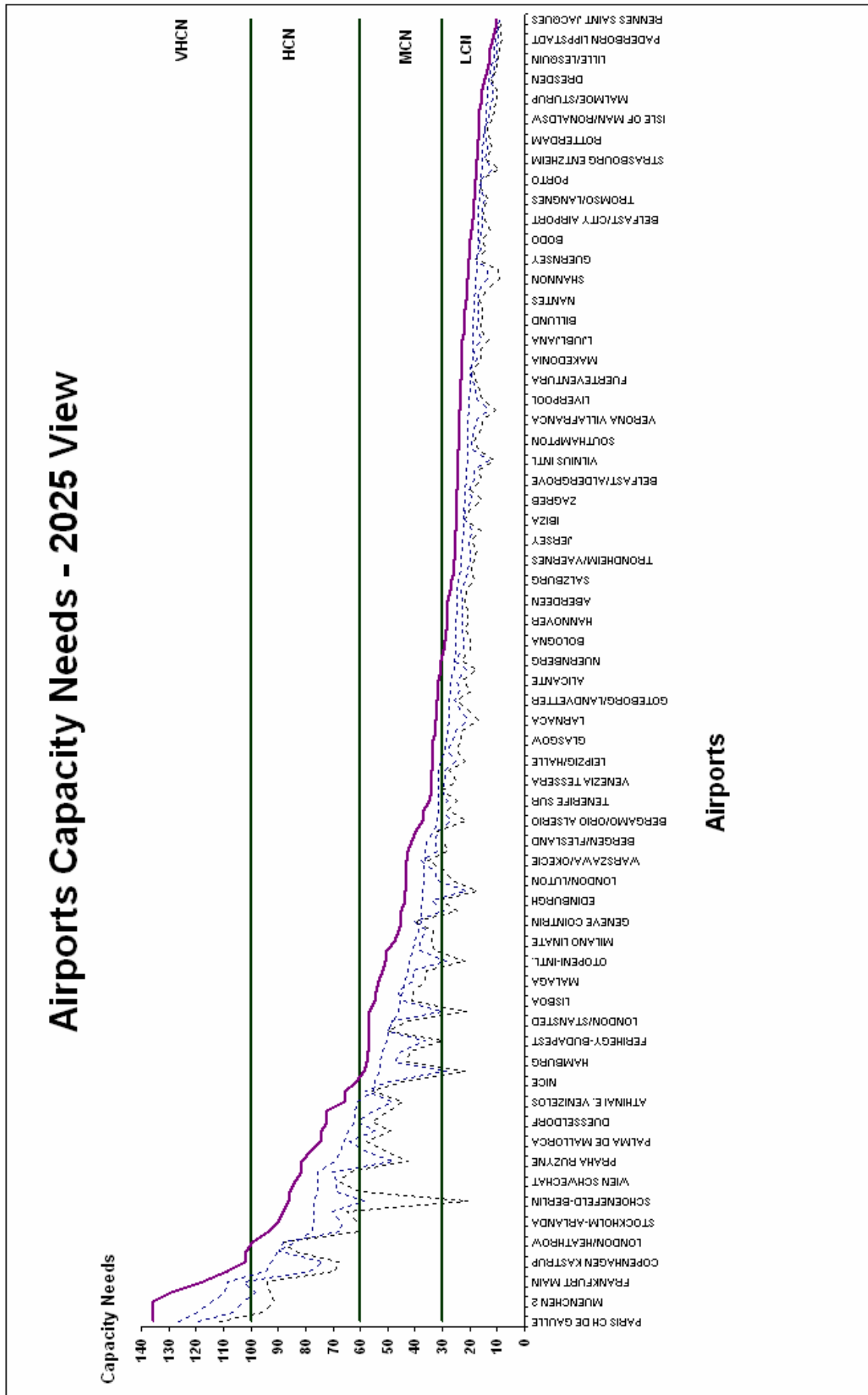
Airports	Code	2010		2019					
		Capacity Class	Capacity Needs	Capacity Needs					
				Capacity Class	With Const	Without Const	% of lost traffic per hour	Increase Cap Needs by % (2019 vs 2010)	Reached their Max Cap
PARIS CH DE GAULLE	LFPG	VHCN	111,53	VHCN	126,24	147,12	14,19%	13,19%	Yes
FRANKFURT MAIN	EDDF	HCN	94,00	VHCN	109,41	121,13	9,68%	16,39%	Yes
ROME FIUMICINO	LIRF	HCN	84,22	HCN	94,68	107,72	12,11%	12,42%	Yes
LONDON/HEATHROW	EGLL	HCN	88,00	HCN	92,58	115,76	20,03%	5,20%	Yes
WIEN SCHWECHAT	LOWW	HCN	68,00	HCN	75,74	91,67	17,37%	11,39%	Yes
ZURICH	LSZH	HCN	63,71	HCN	75,74	78,97	4,08%	18,88%	Yes
PALMA DE MALLORCA	LEPA	MCN	57,45	HCN	69,43	70,68	1,77%	20,86%	Yes
DUESSELDORF	EDDL	MCN	55,48	HCN	67,15	68,20	1,55%	21,02%	Yes
LONDON/GATWICK	EGKK	MCN	55,83	HCN	61,02	70,92	13,96%	9,29%	Yes
ISTANBUL-ATATURK	LTBA	MCN	50,00	MCN	52,60	99,99	47,39%	5,20%	Yes
LONDON/STANSTED	EGSS	MCN	42,47	MCN	52,60	58,73	10,43%	23,85%	Yes
DUBLIN	EIDW	MCN	40,56	MCN	50,50	59,27	14,80%	24,49%	Yes
GENEVE COINTRIN	LSGG	MCN	40,00	MCN	42,08	55,85	24,66%	5,20%	Yes
WARSZAWA/OKECIE	EPWA	MCN	35,60	MCN	39,98	52,18	23,39%	12,30%	Yes
LONDON/CITY	EGLC	MCN	32,00	MCN	36,82	43,27	14,91%	15,06%	Yes
ANTALYA	LTAI	LCN	30,00	MCN	31,56	89,59	64,77%	5,20%	Yes
VENEZIA TESSERA	LIPZ	LCN	24,93	MCN	31,56	33,49	5,76%	26,59%	Yes
LAS PALMAS	GCLP	MCN	33,21	MCN	37,87	40,24	5,88%	14,05%	Yes
FARO	LPFR	LCN	21,10	LCN	25,25	26,74	5,59%	19,64%	Yes
IBIZA	LEIB	LCN	22,00	LCN	23,14	29,46	21,43%	5,20%	Yes
NIKOS/KAZANTZAKIS	LGIR	LCN	19,67	LCN	23,14	24,10	3,98%	17,68%	Yes
ZAGREB	LDZA	LCN	15,54	LCN	23,01	24,56	6,33%	48,06%	Yes
SOFIA	LBSF	LCN	15,94	LCN	21,04	27,33	23,01%	31,97%	Yes
GUERNSEY	EGJB	LCN	18,00	LCN	18,94	20,72	8,60%	5,20%	Yes
MALTA LUQA	LMML	LCN	12,57	LCN	17,88	18,86	5,18%	42,22%	Yes
DIAGORAS	LGRP	LCN	16,00	LCN	16,83	24,80	32,12%	5,20%	Yes
PORTO	LPPR	LCN	16,00	LCN	16,83	18,91	10,99%	5,20%	Yes



## 2019 Summary

Airports	2010	2019	Increase of cap needs%		Airport
Classification	Capacity Needs	Capacity Needs with Const			
VHCN	111,53	126,24	Min	13,19%	PARIS CH DE GAULLE
	95,49	119,89	Max	25,55%	SCHIPHOL AMSTERDAM
HCN	88,00	92,58	Min	5,20%	LONDON/HEATHROW
	20,93	77,84	Max	271,87%	SCHOENEFELD-BERLIN
MCN	50,00	52,60	Min	5,20%	ISTANBUL-ATATURK
	40,00	42,08		5,20%	GENEVE COINTRIN
	30,00	31,56		5,20%	ANTALYA
	21,52	40,73	Max	89,31%	RIGA INTL
LCN	22,00	23,14	Min	5,20%	IBIZA
	18,00	18,94		5,20%	GUERNSEY
	16,00	16,83		5,20%	DIAGORAS
	16,00	16,83		5,20%	PORTO
	9,30	17,27	Max	85,74%	SHANNON

# 2025 Airports ordered by Capacity Needs category



Airports	Code	2010		2025					
				Capacity Needs					
		Capacity Class	Capacity Needs	Capacity Class	With Constr.	Without Constr.	% of lost traffic per hour	Increase Cap Needs by % (2025 vs 2010)	Reached their Max Cap
MUENCHEN 2	EDDM	HCN	91,55	VHCN	135,60	138,25	1,92%	48,11%	Yes
PARIS CH DE GAULLE	LFPG	VHCN	111,53	VHCN	135,60	175,77	22,85%	21,58%	Yes
SCHIPHOL AMSTERDAM	EHAM	HCN	95,49	VHCN	135,60	145,07	6,53%	42,00%	Yes
MADRID BARAJAS	LEMD	HCN	93,15	VHCN	129,39	130,19	0,61%	38,91%	No
FRANKFURT MAIN	EDDF	HCN	94,00	VHCN	117,52	146,36	19,70%	25,02%	Yes
OSLO/GARDERMOEN	ENGM	HCN	69,34	HCN	108,31	109,32	0,93%	56,19%	No
COPENHAGEN KASTRUP	EKCH	HCN	67,75	HCN	102,18	103,38	1,16%	50,82%	No
ROME FIUMICINO	LIRF	HCN	84,22	HCN	101,70	132,03	22,97%	20,76%	Yes
LONDON/HEATHROW	EGLL	HCN	88,00	HCN	99,44	140,90	29,43%	13,00%	Yes
BRUSSELS NATIONAL	EBBR	MCN	59,87	HCN	93,47	95,17	1,79%	56,11%	No
STOCKHOLM-ARLANDA	ESSA	HCN	61,10	HCN	90,33	91,63	1,41%	47,83%	No
BARCELONA	LEBL	HCN	64,76	HCN	88,14	90,25	2,34%	36,11%	Yes
SCHOENEFELD-BERLIN	EDDB	LCN	20,93	HCN	86,22	87,96	1,98%	311,92%	No
PARIS ORLY	LFPO	HCN	60,14	HCN	85,88	90,53	5,13%	42,81%	Yes
WIEN SCHWECHAT	LOWW	HCN	68,00	HCN	83,62	112,21	25,48%	22,97%	Yes
ZURICH	LSZH	HCN	63,71	HCN	81,36	92,44	11,98%	27,70%	Yes
PRAHA RUZYNE	LKPR	MCN	42,80	HCN	81,25	82,63	1,66%	89,83%	No
HELSINKI-VANTAA	EFHK	MCN	50,56	HCN	78,62	79,44	1,03%	55,49%	No
PALMA DE MALLORCA	LEPA	MCN	57,45	HCN	74,58	81,63	8,64%	29,82%	Yes
MILANO MALPENSA	LIMC	MCN	48,77	HCN	74,15	75,34	1,58%	52,04%	No
DUESSELDORF	EDDL	MCN	55,48	HCN	72,32	79,10	8,58%	30,35%	Yes
MANCHESTER	EGCC	MCN	49,26	HCN	72,32	74,07	2,36%	46,80%	Yes
LONDON/GATWICK	EGKK	MCN	55,83	HCN	65,54	87,67	25,25%	17,40%	Yes
ATHINAI E. VENIZELOS	LGAV	MCN	44,51	MCN	66,07	67,26	1,77%	48,44%	No
NICE	LFMN	MCN	44,44	MCN	61,40	62,17	1,25%	38,17%	No
ANKARA-ESENBOGA	LTAC	LCN	21,84	MCN	58,58	63,77	8,13%	168,25%	No
HAMBURG	EDDH	MCN	43,15	MCN	57,56	59,01	2,46%	33,39%	No
LYON SATOLAS	LFLL	MCN	41,43	MCN	56,95	57,60	1,14%	37,47%	No
FERIHEGY-BUDAPEST	LHBP	MCN	30,28	MCN	56,87	57,95	1,87%	87,84%	No
ISTANBUL-ATATURK	LTBA	MCN	50,00	MCN	56,50	154,23	63,37%	13,00%	Yes
LONDON/STANSTED	EGSS	MCN	42,47	MCN	56,50	70,35	19,69%	33,03%	Yes
RIGA INTL	EVRA	LCN	21,52	MCN	56,50	58,20	2,93%	162,58%	Yes

Airports	Code	2010		2025					
				Capacity Needs					
		Capacity Class	Capacity Needs	Capacity Class	With Constr.	Without Constr.	% of lost traffic per hour	Increase Cap Needs by % (2025 vs 2010)	Reached their Max Cap
LISBOA	LPPT	MCN	41,17	MCN	54,98	55,46	0,87%	33,53%	No
DUBLIN	EIDW	MCN	40,56	MCN	54,24	74,12	26,82%	33,72%	Yes
MALAGA	LEMG	MCN	36,09	MCN	53,26	53,44	0,35%	47,56%	No
STUTTGART	EDDS	MCN	35,84	MCN	51,70	52,97	2,40%	44,26%	Yes
OTOPENI-INTL.	LROP	LCN	21,79	MCN	50,85	56,25	9,60%	133,33%	Yes
KOELN-BONN	EDDK	MCN	32,70	MCN	50,37	51,63	2,44%	54,04%	No
MILANO LINATE	LIML	MCN	33,98	MCN	47,71	48,17	0,95%	40,41%	No
LAS PALMAS	GCLP	MCN	33,21	MCN	46,15	46,17	0,05%	38,98%	No
GENEVE COINTRIN	LSGG	MCN	40,00	MCN	45,20	63,18	28,45%	13,00%	Yes
LIEGE/LIEGE	EBLG	LCN	24,56	MCN	44,84	45,67	1,81%	82,57%	No
EDINBURGH	EGPH	MCN	30,68	MCN	43,69	44,15	1,04%	42,40%	No
SURCIN-BEOGRAD	LYBE	LCN	17,44	MCN	43,66	45,47	3,98%	150,37%	No
LONDON/LUTON	EGGW	LCN	26,57	MCN	43,26	43,51	0,58%	62,79%	No
MARSEILLE PROVENCE	LFML	LCN	28,91	MCN	43,25	43,46	0,48%	49,63%	No
WARSZAWA/OKECIE	EPWA	MCN	35,60	MCN	42,94	65,60	34,55%	20,63%	Yes
BIRMINGHAM	EGBB	LCN	27,93	MCN	42,55	42,96	0,95%	52,34%	No
BERGEN/FLESLAND	ENBR	LCN	29,77	MCN	41,25	41,40	0,35%	38,57%	No
LONDON/CITY	EGLC	MCN	32,00	MCN	39,55	49,92	20,77%	23,59%	Yes
BERGAMO/ORIO ALSERIO	LIME	LCN	21,36	MCN	37,42	37,51	0,23%	75,22%	No
TOULOUSE BLAGNAC	LFBO	LCN	28,09	MCN	36,58	36,86	0,75%	30,22%	No
TENERIFE SUR	GCTS	LCN	24,62	MCN	35,08	35,16	0,20%	42,50%	No
ANTALYA	LTAI	LCN	30,00	MCN	33,90	136,53	75,17%	13,00%	Yes
STOCKHOLM-BROMMA	ESSB	LCN	27,71	MCN	33,90	35,29	3,94%	22,33%	Yes
VENEZIA TESSERA	LIPZ	LCN	24,93	MCN	33,90	40,07	15,40%	35,98%	Yes
PARIS LE BOURGET	LFPB	LCN	24,51	MCN	33,46	33,68	0,63%	36,55%	No
LEIPZIG/HALLE	EDDP	LCN	21,93	LCN	33,67	34,78	3,21%	53,51%	No
GLASGOW	EGPF	LCN	23,40	LCN	33,36	34,04	2,00%	42,55%	No
STAVANGER/SOLA	ENZV	LCN	23,00	LCN	32,34	32,54	0,62%	40,60%	No
LARNACA	LCLK	LCN	16,97	LCN	32,23	32,55	0,95%	90,00%	No
LUXEMBOURG	ELLX	LCN	20,55	LCN	32,16	32,66	1,52%	56,49%	No
GOTEBORG/LAND VETTER	ESGG	LCN	24,64	LCN	31,90	32,46	1,72%	29,45%	No
ROMA CIAMPINO	LIRA	LCN	19,26	LCN	31,33	31,39	0,19%	62,62%	No
ALICANTE	LEAL	LCN	22,97	LCN	31,33	31,40	0,23%	36,40%	No
EAST MIDLANDS	EGNX	LCN	17,40	LCN	30,70	30,91	0,68%	76,42%	No
NUERNBERG	EDDN	LCN	23,20	LCN	30,34	31,18	2,70%	30,80%	No
BRISTOL/LULSGATE	EGGD	LCN	19,98	LCN	29,36	29,55	0,64%	46,99%	No
BOLOGNA	LIPE	LCN	19,99	LCN	29,25	29,38	0,43%	46,33%	No
NAPOLI	LIRN	LCN	21,33	LCN	28,47	28,54	0,23%	33,46%	No

Airports	Code	2010		2025					
				Capacity Needs					
		Capacity Class	Capacity Needs	Capacity Class	With Constr.	Without Constr.	% of lost traffic per hour	Increase Cap Needs by % (2025 vs 2010)	Reached their Max Cap
CAPODICHINO									
HANNOVER LANGENHAGEN	EDDV	LCN	20,98	LCN	27,95	28,98	3,52%	33,26%	No
BALE-MULHOUSE	LFSB	LCN	20,86	LCN	27,92	28,76	2,91%	33,83%	No
ABERDEEN	EGPD	LCN	21,90	LCN	27,91	28,28	1,30%	27,48%	No
FARO	LPFR	LCN	21,10	LCN	27,12	30,76	11,82%	28,51%	Yes
SALZBURG	LOWS	LCN	18,31	LCN	26,46	26,80	1,24%	44,53%	No
ARRECIFE LANZAROTE	GCRR	LCN	19,29	LCN	25,75	25,78	0,11%	33,52%	No
TRONDHEIM/VAERNES	ENVA	LCN	18,56	LCN	25,51	25,66	0,58%	37,43%	No
CATANIA FONTANAROSSA	LICC	LCN	17,31	LCN	25,32	25,46	0,56%	46,28%	No
JERSEY	EGJJ	LCN	19,60	LCN	25,26	25,63	1,42%	28,90%	No
PALERMO PUNTA RAISI	LICJ	LCN	15,85	LCN	25,00	25,14	0,57%	57,71%	No
IBIZA	LEIB	LCN	22,00	LCN	24,86	33,79	26,43%	13,00%	Yes
NIKOS/KAZANTZAKIS	LGIR	LCN	19,67	LCN	24,86	27,41	9,30%	26,41%	Yes
ZAGREB	LDZA	LCN	15,54	LCN	24,86	31,65	21,44%	59,97%	Yes
VALENCIA	LEVC	LCN	19,78	LCN	24,69	25,02	1,32%	24,80%	No
BELFAST/ALDERGROVE	EGAA	LCN	15,97	LCN	24,33	24,52	0,77%	52,38%	No
NEWCASTLE	EGNT	LCN	16,68	LCN	24,28	24,61	1,33%	45,61%	No
VILNIUS INTL	EYVI	LCN	10,97	LCN	24,03	24,37	1,43%	119,11%	No
TORINO/CASELLE	LIMF	LCN	16,85	LCN	23,98	24,16	0,73%	42,34%	No
SOUTHAMPTON	EGHI	LCN	18,63	LCN	23,83	23,87	0,17%	27,91%	No
PISA SAN GIUSTO	LIRP	LCN	15,84	LCN	23,73	23,84	0,47%	49,84%	No
VERONA VILLAFRANCA	LIPX	LCN	15,01	LCN	23,68	23,86	0,76%	57,72%	No
TALLINN/ULEMISTE	EETN	LCN	10,80	LCN	23,50	23,77	1,14%	117,46%	No
LIVERPOOL	EGGP	LCN	15,64	LCN	23,34	23,38	0,17%	49,22%	No
LEEDS AND BRADFORD	EGNM	LCN	16,60	LCN	23,21	23,35	0,61%	39,81%	No
FUERTEVENTURA	GCFV	LCN	17,93	LCN	23,13	23,16	0,12%	29,00%	No
BORDEAUX-MERIGNAC	LFBD	LCN	18,98	LCN	22,81	22,90	0,40%	20,17%	No
MAKEDONIA	LGTS	LCN	15,94	LCN	22,73	22,85	0,53%	42,58%	No
LJUBLJANA	LJLJ	LCN	13,02	LCN	22,60	25,36	10,89%	73,54%	Yes
SOFIA	LBSF	LCN	15,94	LCN	22,60	38,48	41,27%	41,76%	Yes
MAHON/MENORCA	LEMH	LCN	16,40	LCN	22,01	22,12	0,54%	34,16%	No
BILLUND	EKBI	LCN	15,36	LCN	21,70	22,23	2,40%	41,31%	No
SEVILLA	LEZL	LCN	15,62	LCN	21,61	21,68	0,33%	38,31%	No
NANTES	LFRS	LCN	16,23	LCN	21,09	21,31	1,03%	29,95%	No
CAGLIARI ELMAS	LIEE	LCN	13,59	LCN	20,94	21,03	0,42%	54,10%	No
SHANNON	EINN	LCN	9,30	LCN	20,78	20,93	0,72%	123,43%	No
BRATISLAVA IVANKA	LZIB	LCN	9,92	LCN	20,46	21,03	2,75%	106,22%	No

Airports	Code	2010		2025					
				Capacity Needs					
		Capacity Class	Capacity Needs	Capacity Class	With Constr.	Without Constr.	% of lost traffic per hour	Increase Cap Needs by % (2025 vs 2010)	Reached their Max Cap
GUERNSEY	EGJB	LCN	18,00	LCN	20,34	23,81	14,58%	13,00%	Yes
BREMEN	EDDW	LCN	14,18	LCN	20,09	20,49	1,94%	41,63%	No
BODO	ENBO	LCN	15,71	LCN	20,06	20,07	0,03%	27,66%	No
MALTA LUQA	LMML	LCN	12,57	LCN	19,21	23,04	16,62%	52,77%	Yes
BELFAST/CITY AIRPORT	EGAC	LCN	14,57	LCN	18,95	19,21	1,37%	30,03%	No
BILBAO	LEBB	LCN	15,37	LCN	18,62	18,79	0,87%	21,18%	No
TROMSO/LANGNES	ENTC	LCN	13,25	LCN	18,47	18,49	0,10%	39,35%	No
DIAGORAS	LGRP	LCN	16,00	LCN	18,08	28,07	35,58%	13,00%	Yes
PORTO	LPPR	LCN	16,00	LCN	18,08	19,83	8,83%	13,00%	Yes
CORK	EICK	LCN	9,18	LCN	17,38	17,63	1,39%	89,28%	No
STRASBOURG ENTZHEIM	LFST	LCN	14,22	LCN	17,32	17,45	0,75%	21,78%	No
FIRENZE/PERETOLA	LIRQ	LCN	12,34	LCN	16,95	17,59	3,64%	37,30%	Yes
ROTTERDAM	EHRD	LCN	12,76	LCN	16,77	17,32	3,17%	31,41%	No
MONTPELLIER	LFMT	LCN	13,55	LCN	16,55	16,63	0,47%	22,11%	No
ISLE OF MAN/RONALDSW	EGNS	LCN	11,83	LCN	16,53	16,71	1,08%	39,74%	No
AEROPORTO DA MADEIRA	LPMA	LCN	11,16	LCN	16,33	16,39	0,34%	46,33%	No
MALMOE/STURUP	ESMS	LCN	10,36	LCN	15,73	15,86	0,83%	51,84%	No
DORTMUND-WICKEDE	EDLW	LCN	9,98	LCN	15,46	15,91	2,81%	54,99%	No
DRESDEN	EDDC	LCN	11,90	LCN	14,32	14,72	2,70%	20,41%	No
MUENSTER-OSNABRUECK	EDDG	LCN	9,94	LCN	13,72	14,15	3,05%	38,00%	No
LILLE/LESQUIN	LFQQ	LCN	9,48	LCN	12,59	12,63	0,33%	32,75%	No
CLERMONT-FERRAND	LFLC	LCN	9,00	LCN	12,35	12,42	0,51%	37,27%	No
PADERBORN LIPPSTADT	EDLP	LCN	8,25	LCN	11,65	12,22	4,63%	41,16%	No
MAASTRICHT	EHBK	LCN	9,06	LCN	10,88	11,40	4,58%	20,10%	No
RENNES SAINT JACQUES	LFRN	LCN	8,18	LCN	10,17	10,18	0,16%	24,24%	No

## 2025 Airports ordered by Deployment priority:

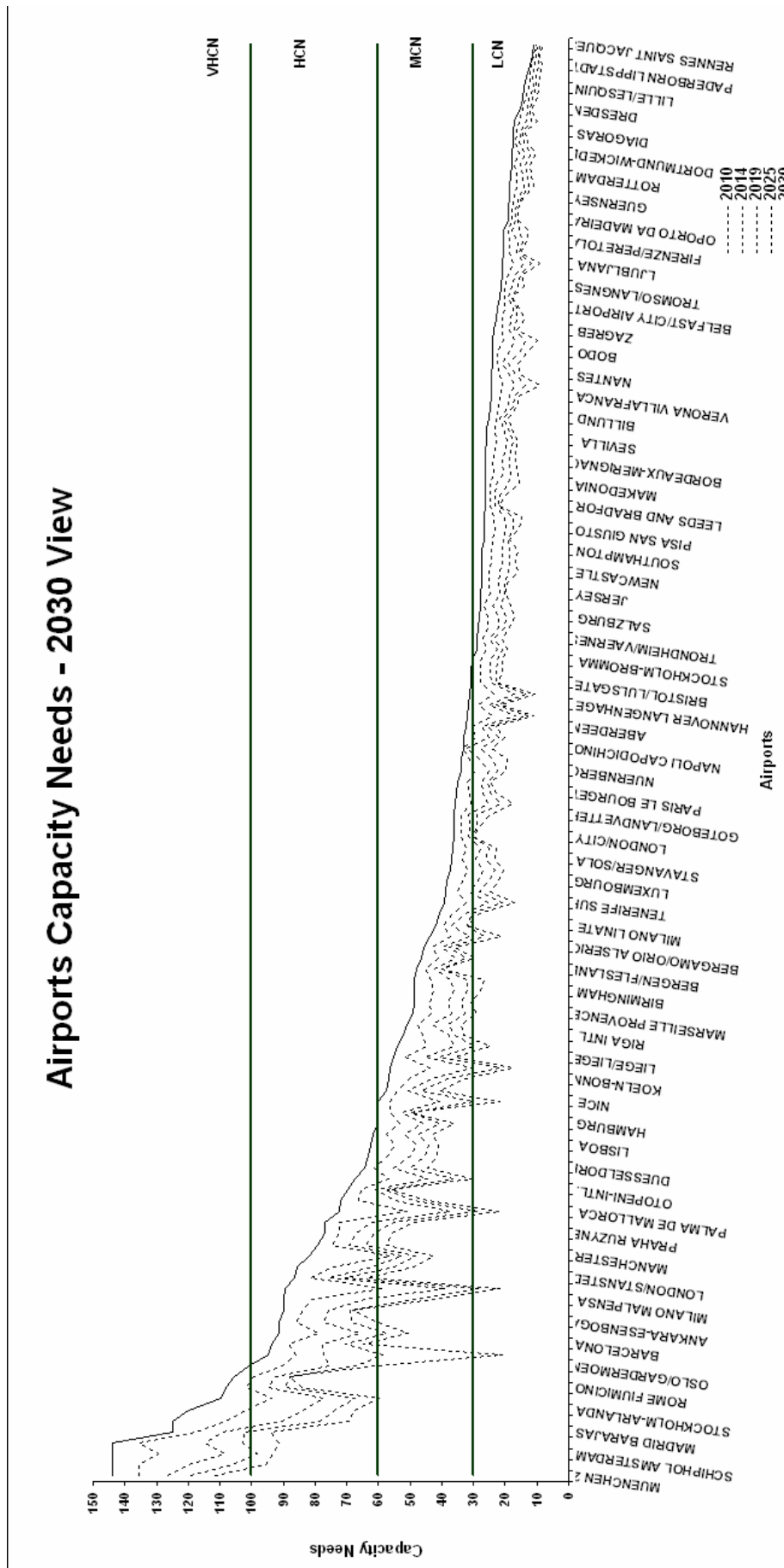
		2010		2025					
				Capacity Needs					
Airports	APCode	Capacity Class	Capacity Needs	Capacity Class	With Constr aints	without Constraints	% of lost traffic per hour	Increase Cap Needs by % (2025 vs 2010)	Reached their Max Cap
MUENCHEN 2	EDDM	HCN	91,55	VHCN	135,60	138,25	1,92%	48,11%	Yes
PARIS CH DE GAULLE	LFPG	VHCN	111,53	VHCN	135,60	175,77	22,85%	21,58%	Yes
SCHIPHOL AMSTERDAM	EHAM	HCN	95,49	VHCN	135,60	145,07	6,53%	42,00%	Yes
FRANKFURT MAIN	EDDF	HCN	94,00	VHCN	117,52	146,36	19,70%	25,02%	Yes
ROME FIUMICINO	LIRF	HCN	84,22	HCN	101,70	132,03	22,97%	20,76%	Yes
LONDON/HEATHROW	EGLL	HCN	88,00	HCN	99,44	140,90	29,43%	13,00%	Yes
BARCELONA	LEBL	HCN	64,76	HCN	88,14	90,25	2,34%	36,11%	Yes
PARIS ORLY	LFPO	HCN	60,14	HCN	85,88	90,53	5,13%	42,81%	Yes
WIEN SCHWECHAT	LOWW	HCN	68,00	HCN	83,62	112,21	25,48%	22,97%	Yes
ZURICH	LSZH	HCN	63,71	HCN	81,36	92,44	11,98%	27,70%	Yes
PALMA DE MALLORCA	LEPA	MCN	57,45	HCN	74,58	81,63	8,64%	29,82%	Yes
DUESSELDORF	EDDL	MCN	55,48	HCN	72,32	79,10	8,58%	30,35%	Yes
MANCHESTER	EGCC	MCN	49,26	HCN	72,32	74,07	2,36%	46,80%	Yes
LONDON/GATWICK	EGKK	MCN	55,83	HCN	65,54	87,67	25,25%	17,40%	Yes
ISTANBUL-ATATURK	LTBA	MCN	50,00	MCN	56,50	154,23	63,37%	13,00%	Yes
LONDON/STANSTED	EGSS	MCN	42,47	MCN	56,50	70,35	19,69%	33,03%	Yes
RIGA INTL	EVRA	LCN	21,52	MCN	56,50	58,20	2,93%	162,58%	Yes
DUBLIN	EIDW	MCN	40,56	MCN	54,24	74,12	26,82%	33,72%	Yes
STUTTGART	EDDS	MCN	35,84	MCN	51,70	52,97	2,40%	44,26%	Yes
OTOPENI-INTL.	LROP	LCN	21,79	MCN	50,85	56,25	9,60%	133,33%	Yes
GENEVE COINTRIN	LSGG	MCN	40,00	MCN	45,20	63,18	28,45%	13,00%	Yes
WARSZAWA/OKECIE	EPWA	MCN	35,60	MCN	42,94	65,60	34,55%	20,63%	Yes
LONDON/CITY	EGLC	MCN	32,00	MCN	39,55	49,92	20,77%	23,59%	Yes
ANTALYA	LTAI	LCN	30,00	MCN	33,90	136,53	75,17%	13,00%	Yes
STOCKHOLM-BROMMA	ESSB	LCN	27,71	MCN	33,90	35,29	3,94%	22,33%	Yes
VENEZIA TESSERA	LIPZ	LCN	24,93	MCN	33,90	40,07	15,40%	35,98%	Yes
FARO	LPFR	LCN	21,10	LCN	27,12	30,76	11,82%	28,51%	Yes
IBIZA	LEIB	LCN	22,00	LCN	24,86	33,79	26,43%	13,00%	Yes
NIKOS/KAZANTZAKIS	LGIR	LCN	19,67	LCN	24,86	27,41	9,30%	26,41%	Yes
ZAGREB	LDZA	LCN	15,54	LCN	24,86	31,65	21,44%	59,97%	Yes
LJUBLJANA	LJLJ	LCN	13,02	LCN	22,60	25,36	10,89%	73,54%	Yes
SOFIA	LBSF	LCN	15,94	LCN	22,60	38,48	41,27%	41,76%	Yes
GUERNSEY	EGJB	LCN	18,00	LCN	20,34	23,81	14,58%	13,00%	Yes
MALTA LUQA	LMML	LCN	12,57	LCN	19,21	23,04	16,62%	52,77%	Yes
DIAGORAS	LGRP	LCN	16,00	LCN	18,08	28,07	35,58%	13,00%	Yes
PORTO	LPPR	LCN	16,00	LCN	18,08	19,83	8,83%	13,00%	Yes
FIRENZE/PERETOLA	LIRQ	LCN	12,34	LCN	16,95	17,59	3,64%	37,30%	Yes

## 2025 Summary

Airports	2010	2025	Increase of cap needs%		Airport
Classification	Capacity Needs	Capacity Needs with Const			
VHCN	111,53	135,60	Min	21,58%	PARIS CH DE GAULLE
	91,55	135,60	Max	48,11%	MUENCHEN 2
HCN	88,00	99,44	Min	13,00%	LONDON/HEATHROW
	20,93	86,22	Max	311,92%	SCHOENEFELD-BERLIN
MCN	50,00	56,50	Min	13,00%	ISTANBUL-ATATURK
	40,00	45,20		13,00%	GENEVE COINTRIN
	30,00	33,90		13,00%	ANTALYA
	21,84	58,58	Max	168,25%	ANKARA-ESENBOGA
LCN	22,00	24,86	Min	13,00%	IBIZA
	18,00	20,34		13,00%	GUERNSEY
	16,00	18,08		13,00%	DIAGORAS
	16,00	18,08		13,00%	PORTO
	9,30	20,78	Max	123,43%	SHANNON



# 2030 Airports ordered by Capacity Needs category



Airports	Code	2010		2030					
		Capacity Class	Capacity Needs	Capacity Needs			% of lost traffic per hour	Increase Cap Needs by % (2030 vs 2010)	Reached their Max Cap
				Capacity Class	With Constr	Without Constr			
MADRID BARAJAS	LEMD	HCN	93,15	VHCN	144,00	154,06	6,53%	54,59%	Yes
MUENCHEN 2	EDDM	HCN	91,55	VHCN	144,00	161,67	10,93%	57,29%	Yes
PARIS CH DE GAULLE	LFPG	VHCN	111,53	VHCN	144,00	206,84	30,38%	29,11%	Yes
SCHIPHOL AMSTERDAM	EHAM	HCN	95,49	VHCN	144,00	170,19	15,39%	50,79%	Yes
FRANKFURT MAIN	EDDF	HCN	94,00	VHCN	124,80	172,02	27,45%	32,77%	Yes
OSLO/GARDERMOEN	ENGM	HCN	69,34	VHCN	124,80	128,64	2,98%	79,97%	Yes
COPENHAGEN KASTRUP	EKCH	HCN	67,75	VHCN	120,00	123,68	2,97%	77,13%	Yes
BRUSSELS NATIONAL	EBBR	MCN	59,87	VHCN	109,69	113,75	3,56%	83,21%	No
ROME FIUMICINO	LIRF	HCN	84,22	VHCN	108,00	157,48	31,42%	28,24%	Yes
LONDON/HEATHROW	EGLL	HCN	88,00	VHCN	105,60	166,90	36,73%	20,00%	Yes
STOCKHOLM-ARLANDA	ESSA	HCN	61,10	VHCN	100,80	108,40	7,01%	64,97%	Yes
SCHOENEFELD-BERLIN	EDDB	LCN	20,93	HCN	94,64	98,61	4,03%	352,14%	No
BARCELONA	LEBL	HCN	64,76	HCN	93,60	103,26	9,36%	44,54%	Yes
HELSINKI-VANTAA	EFHK	MCN	50,56	HCN	91,48	93,81	2,49%	80,92%	No
PARIS ORLY	LFPO	HCN	60,14	HCN	91,20	105,18	13,29%	51,65%	Yes
PRAHA RUZYNE	LKPR	MCN	42,80	HCN	90,00	103,55	13,09%	110,26%	Yes
WIEN SCHWECHAT	LOWW	HCN	68,00	HCN	90,00	132,82	32,24%	32,35%	Yes
ANKARA-ESENOGA	LTAC	LCN	21,84	HCN	89,65	100,92	11,17%	310,51%	Yes
ZURICH	LSZH	HCN	63,71	HCN	86,40	106,04	18,52%	35,61%	Yes
MILANO MALPENSA	LIMC	MCN	48,77	HCN	85,79	89,05	3,67%	75,90%	No
LONDON/STANSTED	EGSS	MCN	42,47	HCN	81,70	82,51	0,98%	92,37%	No
PALMA DE MALLORCA	LEPA	MCN	57,45	HCN	79,20	92,61	14,48%	37,86%	Yes
DUESSELDORF	EDDL	MCN	55,48	HCN	76,80	89,41	14,11%	38,42%	Yes
MANCHESTER	EGCC	MCN	49,26	HCN	76,80	86,47	11,19%	55,89%	Yes
OTOPENI-INTL.	LROP	LCN	21,79	HCN	72,16	79,97	9,77%	231,11%	No
ATHINAI E. VENIZELOS	LGAV	MCN	44,51	HCN	72,00	80,37	10,41%	61,78%	Yes
LONDON/GATWICK	EGKK	MCN	55,83	HCN	69,60	105,49	34,02%	24,67%	Yes
FERIHEGY-BUDAPEST	LHBP	MCN	30,28	HCN	67,20	73,06	8,02%	121,96%	Yes
NICE	LFMN	MCN	44,44	HCN	64,46	66,73	3,41%	45,05%	No
LYON SATOLAS	LFLL	MCN	41,43	HCN	63,31	65,08	2,72%	52,83%	No
LISBOA	LPPT	MCN	41,17	HCN	62,42	64,04	2,52%	51,61%	No
HAMBURG	EDDH	MCN	43,15	HCN	61,70	65,21	5,38%	43,00%	No
MALAGA	LEMG	MCN	36,09	HCN	60,17	61,12	1,56%	66,71%	No
ISTANBUL-ATATURK	LTBA	MCN	50,00	MCN	60,00	237,07	74,69%	20,00%	Yes
RIGA INTL	EVRA	LCN	21,52	MCN	60,00	79,64	24,67%	178,85%	Yes
DUBLIN	EIDW	MCN	40,56	MCN	57,60	90,71	36,50%	42,00%	Yes
KOELN-BONN	EDDK	MCN	32,70	MCN	56,60	59,22	4,43%	73,07%	No
SURCIN-BEOGRAD	LYBE	LCN	17,44	MCN	56,19	61,30	8,34%	222,22%	No
STUTTGART	EDDS	MCN	35,84	MCN	55,20	59,71	7,55%	54,02%	Yes
LIEGE/LIEGE	EBLG	LCN	24,56	MCN	54,02	55,75	3,10%	119,94%	No
LAS PALMAS	GCLP	MCN	33,21	MCN	52,01	52,32	0,60%	56,62%	No
MILANO LINATE	LIML	MCN	33,98	MCN	50,96	52,66	3,22%	49,98%	No
MARSEILLE PROVENCE	LFML	LCN	28,91	MCN	49,22	50,06	1,69%	70,25%	No

Airports	Code	2010		2030					
		Capacity Class	Capacity Needs	Capacity Needs			% of lost traffic per hour	Increase Cap Needs by % (2030 vs 2010)	Reached their Max Cap
				Capacity Class	With Constr	Without Constr			
EDINBURGH	EGPH	MCN	30,68	MCN	48,92	50,31	2,76%	59,46%	No
BIRMINGHAM	EGBB	LCN	27,93	MCN	48,75	49,88	2,27%	74,52%	No
LONDON/LUTON	EGGW	LCN	26,57	MCN	48,57	49,24	1,37%	82,75%	No
GENEVE COINTRIN	LSGG	MCN	40,00	MCN	48,00	69,38	30,82%	20,00%	Yes
BERGEN/FLESLAND	ENBR	LCN	29,77	MCN	46,48	46,91	0,90%	56,14%	No
WARSAWA/OKECIE	EPWA	MCN	35,60	MCN	45,60	80,98	43,69%	28,10%	Yes
BERGAMO/ORIO ALSERIO	LIME	LCN	21,36	MCN	43,61	43,93	0,72%	104,22%	No
LONDON/CITY	EGLC	MCN	32,00	MCN	42,00	56,06	25,08%	31,25%	Yes
TOULOUSE BLAGNAC	LFBO	LCN	28,09	MCN	40,59	41,73	2,73%	44,49%	No
LARNACA	LCLK	LCN	16,97	MCN	39,20	40,22	2,54%	131,04%	No
TENERIFE SUR	GCTS	LCN	24,62	MCN	38,65	39,09	1,13%	56,99%	No
LEIPZIG/HALLE	EDDP	LCN	21,93	MCN	38,41	40,83	5,94%	75,12%	No
LUXEMBOURG	ELLX	LCN	20,55	MCN	37,15	38,39	3,24%	80,75%	No
GLASGOW	EGPF	LCN	23,40	MCN	37,05	38,71	4,30%	58,30%	No
STAVANGER/SOLA	ENZV	LCN	23,00	MCN	36,61	37,17	1,50%	59,19%	No
ANTALYA	LTAI	LCN	30,00	MCN	36,00	210,00	82,86%	20,00%	Yes
STOCKHOLM- BROMMA	ESSB	LCN	27,71	MCN	36,00	37,56	4,14%	29,90%	Yes
VENEZIA TESSERA	LIPZ	LCN	24,93	MCN	36,00	46,91	23,26%	44,40%	Yes
EAST MIDLANDS	EGNX	LCN	17,40	MCN	35,85	36,31	1,27%	106,03%	Yes
ALICANTE	LEAL	LCN	22,97	MCN	35,41	35,83	1,17%	54,20%	No
GOTEBORG/LANDVET TER	ESGG	LCN	24,64	MCN	35,00	36,41	3,88%	42,02%	No
BRISTOL/LULSGATE	EGGD	LCN	19,98	MCN	33,75	34,20	1,33%	68,92%	No
ROMA CIAMPINO	LIRA	LCN	19,26	MCN	33,69	33,86	0,48%	74,91%	No
PARIS LE BOURGET	LFPB	LCN	24,51	MCN	33,12	33,49	1,11%	35,16%	No
BOLOGNA	LIPE	LCN	19,99	MCN	33,01	33,63	1,85%	65,12%	No
NUERNBERG	EDDN	LCN	23,20	MCN	32,51	34,38	5,44%	40,15%	No
VILNIUS INTL	EYVI	LCN	10,97	MCN	32,00	33,35	4,06%	191,79%	No
NAPOLI CAPODICHINO	LIRN	LCN	21,33	MCN	31,60	31,87	0,86%	48,11%	No
TALLINN/ULEMISTE	EETN	LCN	10,80	MCN	31,11	32,14	3,19%	187,97%	No
ABERDEEN	EGPD	LCN	21,90	MCN	30,86	31,85	3,13%	40,92%	No
BALE-MULHOUSE	LFSB	LCN	20,86	MCN	30,83	32,77	5,92%	47,80%	No
HANNOVER LANGENHAGEN	EDDV	LCN	20,98	MCN	30,48	32,70	6,79%	45,31%	No
ARRECIFE LANZAROTE	GCRR	LCN	19,29	LCN	28,85	29,07	0,74%	49,59%	No
FARO	LPFR	LCN	21,10	LCN	28,80	34,63	16,84%	36,47%	Yes
TRONDHEIM/VAERNE S	ENVA	LCN	18,56	LCN	28,66	29,01	1,19%	54,41%	No
CATANIA FONTANAROSSA	LICC	LCN	17,31	LCN	28,02	28,72	2,44%	61,84%	No
SALZBURG	LOWS	LCN	18,31	LCN	27,64	28,68	3,60%	50,97%	No
VALENCIA	LEVC	LCN	19,78	LCN	27,63	28,46	2,90%	39,69%	No
JERSEY	EGJJ	LCN	19,60	LCN	27,58	28,66	3,80%	40,71%	No
PALERMO PUNTA RAISI	LICJ	LCN	15,85	LCN	27,55	28,27	2,53%	73,83%	No
NEWCASTLE	EGNT	LCN	16,68	LCN	27,53	28,39	3,04%	65,06%	No

Airports	Code	2010		2030					
		Capacity Class	Capacity Needs	Capacity Needs			% of lost traffic per hour	Increase Cap Needs by % (2030 vs 2010)	Reached their Max Cap
				Capacity Class	With Constr	Without Constr			
BELFAST/ALDERGROVE	EGAA	LCN	15,97	LCN	27,36	27,92	2,01%	71,36%	No
SOUTHAMPTON	EGHI	LCN	18,63	LCN	26,82	27,00	0,66%	43,93%	No
LIVERPOOL	EGGP	LCN	15,64	LCN	26,80	26,94	0,52%	71,30%	No
VERONA VILLAFRANCA	LIPX	LCN	15,01	LCN	26,55	27,30	2,74%	76,87%	No
IBIZA	LEIB	LCN	22,00	LCN	26,40	38,06	30,64%	20,00%	Yes
NIKOS/KAZANTZAKIS	LGIR	LCN	19,67	LCN	26,40	30,71	14,02%	34,24%	Yes
ZAGREB	LDZA	LCN	15,54	LCN	26,40	39,05	32,40%	69,88%	Yes
PISA SAN GIUSTO	LIRP	LCN	15,84	LCN	26,32	26,79	1,74%	66,18%	No
TORINO/CASELLE	LIMF	LCN	16,85	LCN	26,25	27,14	3,25%	55,81%	No
LEEDS AND BRADFORD	EGNM	LCN	16,60	LCN	26,18	26,56	1,42%	57,75%	No
MAKEDONIA	LGTS	LCN	15,94	LCN	25,83	26,23	1,53%	62,01%	No
FUERTEVENTURA	GCFV	LCN	17,93	LCN	25,78	25,98	0,77%	43,77%	No
BORDEAUX-MERIGNAC	LFBD	LCN	18,98	LCN	24,97	25,42	1,74%	31,60%	No
MAHON/MENORCA	LEMH	LCN	16,40	LCN	24,77	25,20	1,70%	51,00%	No
SEVILLA	LEZL	LCN	15,62	LCN	24,49	24,76	1,10%	56,76%	No
SHANNON	EINN	LCN	9,30	LCN	24,40	24,90	2,01%	162,44%	No
BILLUND	EKBI	LCN	15,36	LCN	24,32	25,49	4,61%	58,35%	No
LJUBLJANA	LJLJ	LCN	13,02	LCN	24,00	32,33	25,76%	84,29%	Yes
SOFIA	LBSF	LCN	15,94	LCN	24,00	52,03	53,87%	50,54%	Yes
BRATISLAVA IVANKA	LZIB	LCN	9,92	LCN	23,94	25,25	5,17%	141,35%	No
NANTES	LFRS	LCN	16,23	LCN	23,69	24,21	2,18%	45,94%	No
CAGLIARI ELMAS	LIEE	LCN	13,59	LCN	23,01	23,44	1,85%	69,34%	No
BODO	ENBO	LCN	15,71	LCN	22,39	22,43	0,16%	42,50%	No
GUERNSEY	EGJB	LCN	18,00	LCN	21,60	26,65	18,95%	20,00%	Yes
BREMEN	EDDW	LCN	14,18	LCN	21,49	22,44	4,22%	51,53%	No
BELFAST/CITY AIRPORT	EGAC	LCN	14,57	LCN	20,91	21,64	3,36%	43,48%	No
CORK	EICK	LCN	9,18	LCN	20,75	21,49	3,42%	125,95%	No
BILBAO	LEBB	LCN	15,37	LCN	20,70	21,22	2,48%	34,67%	No
TROMSO/LANGNES	ENTC	LCN	13,25	LCN	20,65	20,72	0,35%	55,83%	No
MALTA LUQA	LMML	LCN	12,57	LCN	20,40	27,50	25,82%	62,23%	Yes
DIAGORAS	LGRP	LCN	16,00	LCN	19,20	31,37	38,79%	20,00%	Yes
PORTO	LPPR	LCN	16,00	LCN	19,20	21,32	9,94%	20,00%	Yes
STRASBOURG ENTZHEIM	LFST	LCN	14,22	LCN	18,73	19,18	2,33%	31,75%	No
AEROPORTO DA MADEIRA	LPMA	LCN	11,16	LCN	18,56	18,69	0,73%	66,28%	No
ISLE OF MAN/RONALDSW	EGNS	LCN	11,83	LCN	18,26	18,70	2,40%	54,35%	No
FIRENZE/PERETOLA	LIRQ	LCN	12,34	LCN	18,00	19,87	9,41%	45,81%	Yes
MALMOE/STURUP	ESMS	LCN	10,36	LCN	17,79	18,12	1,86%	71,75%	No
ROTTERDAM	EHRD	LCN	12,76	LCN	17,57	18,60	5,50%	37,74%	No
MONTPELLIER	LFMT	LCN	13,55	LCN	17,53	17,93	2,26%	29,35%	No
DORTMUND-WICKEDE	EDLW	LCN	9,98	LCN	17,28	18,19	4,98%	73,22%	No

Airports	Code	2010		2030					
		Capacity Class	Capacity Needs	Capacity Needs					
				Capacity Class	With Constr	Without Constr	% of lost traffic per hour	Increase Cap Needs by % (2030 vs 2010)	Reached their Max Cap
DRESDEN	EDDC	LCN	11,90	LCN	15,15	16,11	5,96%	27,36%	No
MUENSTER-OSNABRUECK	EDDG	LCN	9,94	LCN	14,48	15,40	5,97%	45,66%	No
LILLE/LESQUIN	LFQQ	LCN	9,48	LCN	14,00	14,07	0,53%	47,59%	No
CLERMONT-FERRAND	LFLC	LCN	9,00	LCN	13,16	13,47	2,31%	46,23%	No
PADERBORN LIPPSTADT	EDLP	LCN	8,25	LCN	12,28	13,34	7,94%	48,76%	No
MAASTRICHT	EHBK	LCN	9,06	LCN	11,47	12,50	8,25%	26,61%	No
RENNES SAINT JACQUES	LFRN	LCN	8,18	LCN	11,08	11,16	0,75%	35,39%	No

## 2030 Airports ordered by Deployment priority:

Airports	APCode	2010		2030					
		Capacity Class	Capacity Needs	Capacity Needs					
				Capacity Class	With Constr	Without Constr	% of lost traffic per hour	Increase Cap Needs by % (2030 vs 2010)	Reached their Max Cap
MADRID BARAJAS	LEMD	HCN	93,15	VHCN	144,00	154,06	6,53%	54,59%	Yes
MUENCHEN 2	EDDM	HCN	91,55	VHCN	144,00	161,67	10,93%	57,29%	Yes
PARIS CH DE GAULLE	LFPG	VHCN	111,53	VHCN	144,00	206,84	30,38%	29,11%	Yes
SCHIPHOL AMSTERDAM	EHAM	HCN	95,49	VHCN	144,00	170,19	15,39%	50,79%	Yes
FRANKFURT MAIN	EDDF	HCN	94,00	VHCN	124,80	172,02	27,45%	32,77%	Yes
OSLO/GARDERMOEN	ENGM	HCN	69,34	VHCN	124,80	128,64	2,98%	79,97%	Yes
COPENHAGEN KASTRUP	EKCH	HCN	67,75	VHCN	120,00	123,68	2,97%	77,13%	Yes
ROME FIUMICINO	LIRF	HCN	84,22	VHCN	108,00	157,48	31,42%	28,24%	Yes
LONDON/HEATHROW	EGLL	HCN	88,00	VHCN	105,60	166,90	36,73%	20,00%	Yes
STOCKHOLM-ARLANDA	ESSA	HCN	61,10	VHCN	100,80	108,40	7,01%	64,97%	Yes
BARCELONA	LEBL	HCN	64,76	HCN	93,60	103,26	9,36%	44,54%	Yes
PARIS ORLY	LFPO	HCN	60,14	HCN	91,20	105,18	13,29%	51,65%	Yes
PRAHA RUZYNE	LKPR	MCN	42,80	HCN	90,00	103,55	13,09%	110,26%	Yes
WIEN SCHWECHAT	LOWW	HCN	68,00	HCN	90,00	132,82	32,24%	32,35%	Yes
ANKARA-ESEBODA	LTAC	LCN	21,84	HCN	89,65	100,92	11,17%	310,51%	Yes
ZURICH	LSZH	HCN	63,71	HCN	86,40	106,04	18,52%	35,61%	Yes
PALMA DE MALLORCA	LEPA	MCN	57,45	HCN	79,20	92,61	14,48%	37,86%	Yes
DUESSELDORF	EDDL	MCN	55,48	HCN	76,80	89,41	14,11%	38,42%	Yes
MANCHESTER	EGCC	MCN	49,26	HCN	76,80	86,47	11,19%	55,89%	Yes
ATHINAI E. VENIZELOS	LGAV	MCN	44,51	HCN	72,00	80,37	10,41%	61,78%	Yes
LONDON/GATWICK	EGKK	MCN	55,83	HCN	69,60	105,49	34,02%	24,67%	Yes
FERIHEGY-BUDAPEST	LHBP	MCN	30,28	HCN	67,20	73,06	8,02%	121,96%	Yes
ISTANBUL-ATATURK	LTBA	MCN	50,00	MCN	60,00	237,07	74,69%	20,00%	Yes
RIGA INTL	EVRA	LCN	21,52	MCN	60,00	79,64	24,67%	178,85%	Yes
DUBLIN	EIDW	MCN	40,56	MCN	57,60	90,71	36,50%	42,00%	Yes
STUTTGART	EDDS	MCN	35,84	MCN	55,20	59,71	7,55%	54,02%	Yes
GENEVE COINTRIN	LSGG	MCN	40,00	MCN	48,00	69,38	30,82%	20,00%	Yes
WARSZAWA/OKECIE	EPWA	MCN	35,60	MCN	45,60	80,98	43,69%	28,10%	Yes
LONDON/CITY	EGLC	MCN	32,00	MCN	42,00	56,06	25,08%	31,25%	Yes
ANTALYA	LTAI	LCN	30,00	MCN	36,00	210,00	82,86%	20,00%	Yes
STOCKHOLM-BROMMA	ESSB	LCN	27,71	MCN	36,00	37,56	4,14%	29,90%	Yes
VENEZIA TESSERA	LIPZ	LCN	24,93	MCN	36,00	46,91	23,26%	44,40%	Yes
EAST MIDLANDS	EGNX	LCN	17,40	MCN	35,85	36,31	1,27%	106,03%	Yes
FARO	LPFR	LCN	21,10	LCN	28,80	34,63	16,84%	36,47%	Yes
IBIZA	LEIB	LCN	22,00	LCN	26,40	38,06	30,64%	20,00%	Yes
NIKOS/KAZANTZAKIS	LGIR	LCN	19,67	LCN	26,40	30,71	14,02%	34,24%	Yes
ZAGREB	LDZA	LCN	15,54	LCN	26,40	39,05	32,40%	69,88%	Yes
LJUBLJANA	LJLJ	LCN	13,02	LCN	24,00	32,33	25,76%	84,29%	Yes
SOFIA	LBSF	LCN	15,94	LCN	24,00	52,03	53,87%	50,54%	Yes
GUERNSEY	EGJB	LCN	18,00	LCN	21,60	26,65	18,95%	20,00%	Yes
MALTA LUQA	LMMML	LCN	12,57	LCN	20,40	27,50	25,82%	62,23%	Yes
DIAGORAS	LGRP	LCN	16,00	LCN	19,20	31,37	38,79%	20,00%	Yes
PORTO	LPPR	LCN	16,00	LCN	19,20	21,32	9,94%	20,00%	Yes
FIRENZE/PERETOLA	LIRQ	LCN	12,34	LCN	18,00	19,87	9,41%	45,81%	Yes

## 2030 Summary

Airports	2010	2030	Increase of cap needs%		Airport
Classification	Capacity Needs	Capacity Needs with Const			
VHCN	88,00	105,60	Min	20,00%	LONDON/HEATHROW
	59,87	109,69	Max	83,21%	BRUSSELS NATIONAL
HCN	55,83	69,60	Min	24,67%	LONDON/GATWICK
	20,93	94,64	Max	352,14%	SCHOENEFELD-BERLIN
MCN	50,00	60,00	Min	20,00%	ISTANBUL-ATATURK
	40,00	48,00		20,00%	GENEVE COINTRIN
	30,00	36,00		20,00%	ANTALYA
	17,44	56,19	Max	222,22%	SURCIN-BEOGRAD
LCN	22,00	26,40	Min	20,00%	IBIZA
	18,00	21,60		20,00%	GUERNSEY
	16,00	19,20		20,00%	DIAGORAS
	16,00	19,20		20,00%	PORTO
	9,30	24,40	Max	162,44%	SHANNON