



AIRPORTS AROUND THE WORLD

from WSP



TABLE OF CONTENTS

AFRICA	01	ASIA	02	EUROPE	03	EUROPE	03	LATIN AMERICA & CARIBBEAN	04	MIDDLE EAST	05	NORTH AMERICA	02	NORTH AMERICA	03	OCEANIA	03
FNA	36	BKK	16	ABZ	6	LTN	56	BOG	18	AMM	8	ATL	9	SAT	79	MEL	63
NIM	68	CCU	21	ACE	7	LYS	57	CJC	22	AUH	10	AUS	12	SEA	82	NPE	69
TML	97	CRK	25	BCN	13	MAD	58	LIR	55	DOH	30	BNA	17	SFO	83	NSN	70
Bugesera International Airport	118	DEL	27	BER	14	MAN	59	MDE	62	DWC	31	BOS	19	SJC	85	ROT	75
		HKG	41	BIO	15	MRS	65	UIO	100	DXB	32	BWI	20	SLC	86	SWZ	90
		HKG	42	CPH	24	MUC	67	Chinchoero International Airport	119	ELQ	33	CLT	23	TUS	99	SYD	91
		HKG	43	FAB	35	OVD	72			HAS	40	DCA	26	YEG	104	WLG	102
		HKG	44	FRA	37	PMI	73			MCT	61	DEN	28	YFB	105	YCPT	103
		SIN	84	FUE	38	PNA	74			RSI	76	DFW	29	YGK	106		
		TAO	92	GRX	39	SCQ	80			RUH	77	EWR	34	YHZ	107		
		TPE	98	KEF	46	SDR	81			SLL	87	JFK	45	YOW	109		
				LBA	48	STN	88			TIF	95	LAX	47	YQB	110		
				LCG	49	SVQ	89			YNB	108	LGA	52	YQK	111		
				LCY	50	TFN	93					MCO	60	YQU	112		
				LEI	51	TFS	94					MIA	64	YTH	113		
				LGW	53	TLS	96					MSY	66	YTZ	114		
				LHR	54	VGO	101					ORD	71	YUL	115		
												SAN	78	YWG	116		
														YYZ	117		

WE ARE WSP

WSP is one of the world's leading engineering professional services consulting firms, bringing together talented people from around the globe. We are technical experts who design and provide strategic advice on sustainable solutions, engineering projects that will help societies grow for lifetimes to come.

INTRODUCTION

The years leading up to 2020 were clearly strong ones for commercial aviation. Before 2020, increasing passenger demand propelled development plans. As a result of the pandemic, airports reconsidered how to move forward against a backdrop of challenging new realities.

Some of the projects include asset management to support long-term growth, intermodal and environmental studies, plans to use sustainable aviation fuel, and optimization of processes and designs to support sustainability objectives. For more than a decade, WSP has been working with Airports Council International (ACI) to develop and administer the Airport Carbon Accreditation program, which provides a framework to help airports manage and reduce their carbon emissions. The number of accredited airports continues to grow, as being a sustainable airport has become a priority.

Application of technology to security, terminal navigation and baggage handling remains central to enabling a simplified passenger journey. Agility will be a critical factor in shaping innovative pathways that advance the passenger experience and support the evolving needs of airlines.

With so much uncertainty, building flexibility into long-term plans is key to accommodating and maximizing technological developments, such as electric-powered short-haul planes and electric vertical take-off and landing (eVTOL) taxis.

In support of achieving ambitious goals, we offer a look at some of WSP's work with airports around the world, all pursuing a better future.

The data provided in this document is dated before the pandemic. The data is only intended to be used as a reference. No warranties are expressed or implied regarding the accuracy, completeness, or reliability of the information contained herein.

ABERDEEN, UNITED KINGDOM

ABERDEEN AIRPORT

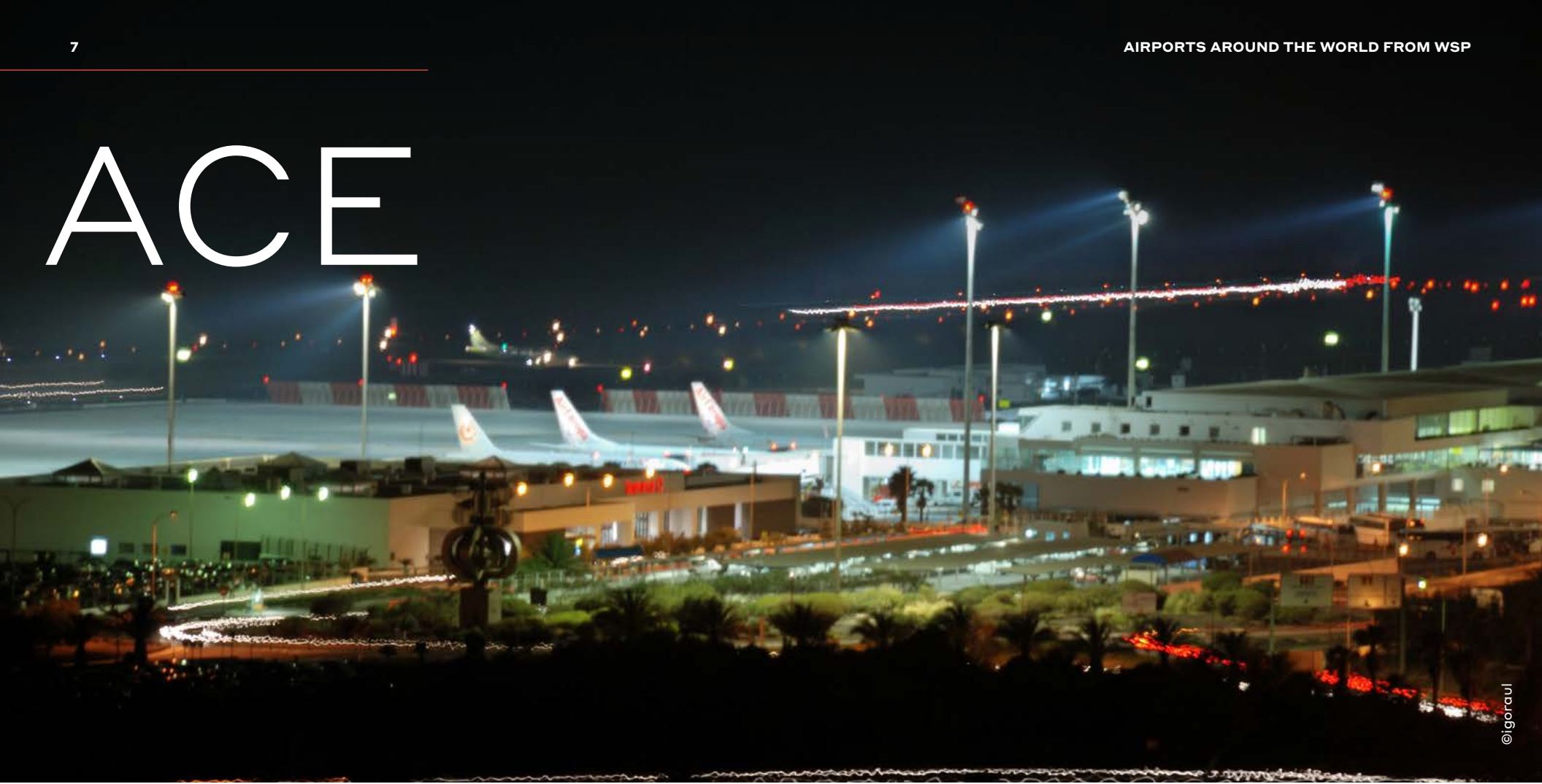


CORE SERVICES PROVIDED
**Program Management
Design
Sustainability**

PASSENGER NUMBERS
2.9 mppa

AIRCRAFT MOVEMENTS
91,248

UNIQUE FEATURE
World's busiest heliport



©Igoraui

LAS PALMAS, SPAIN

CÉSAR MANRIQUE-LANZAROTE AIRPORT



CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
7.3 mppa

RUNWAY
1

AIRCRAFT MOVEMENTS
60,524

QUEEN ALIA INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED

- Advisory
- Program Management
- Planning
- Design
- Construction Management
- Sustainability
- Specialized Services (Baggage, Boarding Bridges and Special Airport Systems (Sas) & It/Elv Systems)

PASSENGER NUMBERS

12 mppa

AIRPORT

1241 ha

ACI AWARD

Best airport by size and region: Middle East



AMM



ATL

HARTSFIELD-JACKSON ATLANTA INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED

- Program/Project Management
- Design

PASSENGER NUMBERS

107 mppa

RUNWAYS

5

CANOPIES LENGTH

263 m

PRESIDENTIAL FLIGHT MAINTENANCE HANGAR

CORE SERVICES PROVIDED

**Design
Construction Management**

HANGAR

19,000 sqm

AIRCRAFT POSITIONS

6

COST SAVINGS

**Optimized V –
Shape Design**



AUH

AUH



ABU DHABI INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED

**Design
Construction Management
Sustainability**

PASSENGER NUMBERS

30 mppa

NEW TERMINAL BUILDING

700,000 sqm

MTB GREEN BUILDING RATING

Pearl 3



AUSTIN, TX, UNITED STATES

AUSTIN BERGSTROM INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED
Program/Project Management

PASSENGER NUMBERS
17.3 mppa

NEW RUNWAY LENGTH
2.7 km

NEW TERMINAL SIZE
51,100 sqm



AUS

© 1999 David Sailors

BCN



BARCELONA, SPAIN

JOSEP TARRADELLAS BARCELONA-EL PRAT AIRPORT



CORE SERVICES PROVIDED
Planning Design

PASSENGER NUMBERS
52.7 mppa

RUNWAYS
3

AIRCRAFT MOVEMENTS
344,558

BERLIN BRANDENBURG AIRPORT

CORE SERVICES PROVIDED
Project Management

PROJECTED PASSENGER NUMBER
27 mppa

TERMINAL
360,000 sqm

RUNWAYS
2



BER

BIO



BILBAO AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
5.5 mppa

RUNWAYS
2

AIRCRAFT MOVEMENTS
49,966

BANGKOK, THAILAND

SUARNABHUMI INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
65 mppa

RUNWAYS
2

AIRPORT AREA
3,240 ha



BKK



BNA

NASHVILLE, TN, UNITED STATES

NASHVILLE INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Program Management

PASSENGER NUMBERS
18.3 mppa

RUNWAYS
4

AIRPORT AREA
1,600 ha

© Metropolitan Nashville Airport Authority

BOGOTÁ, COLOMBIA

EL DORADO INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED

Construction Management and Supervision

PASSENGER NUMBERS

32.7 mppa

NATIONAL AIR TRAFFIC SHARE

49%

AIRPORT ELEVATION

2,548 m



BOG



BOSTON, MA, UNITED STATES

BOSTON LOGAN INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED

**Planning
Design
Construction Management**

MAP

40.9 mppa

RUNWAYS

6

AIRPORT AREA

965 ha

BALTIMORE/ WASHINGTON INTERNATIONAL THURGOOD MARSHALL AIRPORT

CORE SERVICES PROVIDED

**Design
Construction Management**

PASSENGER NUMBERS

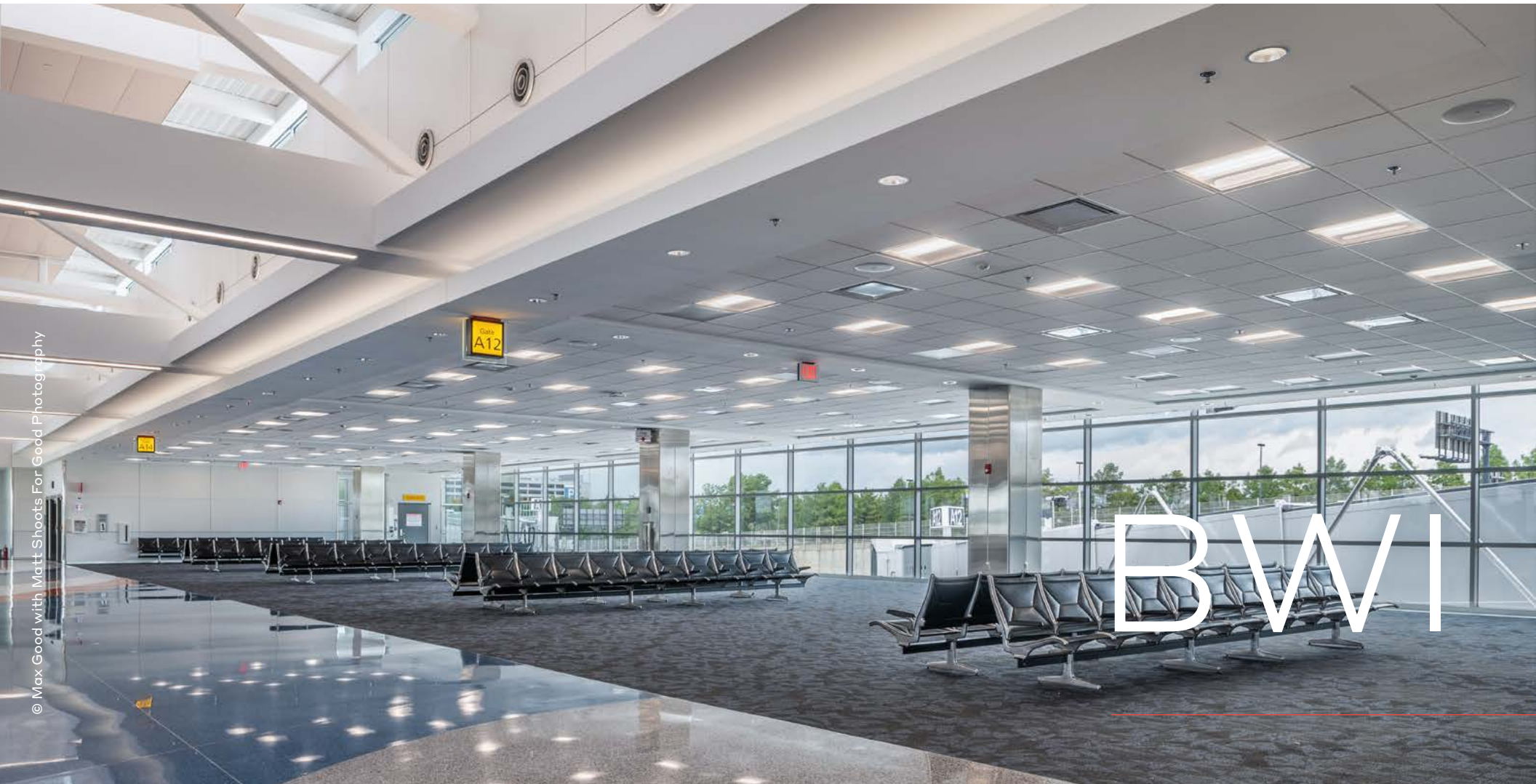
27 mppa

RUNWAYS

3

NEW BUILDING

1,455 ha



© Max Good with Matt Shoots For Good Photography

CCU



NETAJI SUBHASH CHANDRA BOSE INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED

**Project Management
Construction Supervision**

PASSENGER NUMBERS

21.9 mppa

NEW TERMINAL

233,000 sqm

AIRPORT AREA

664 ha



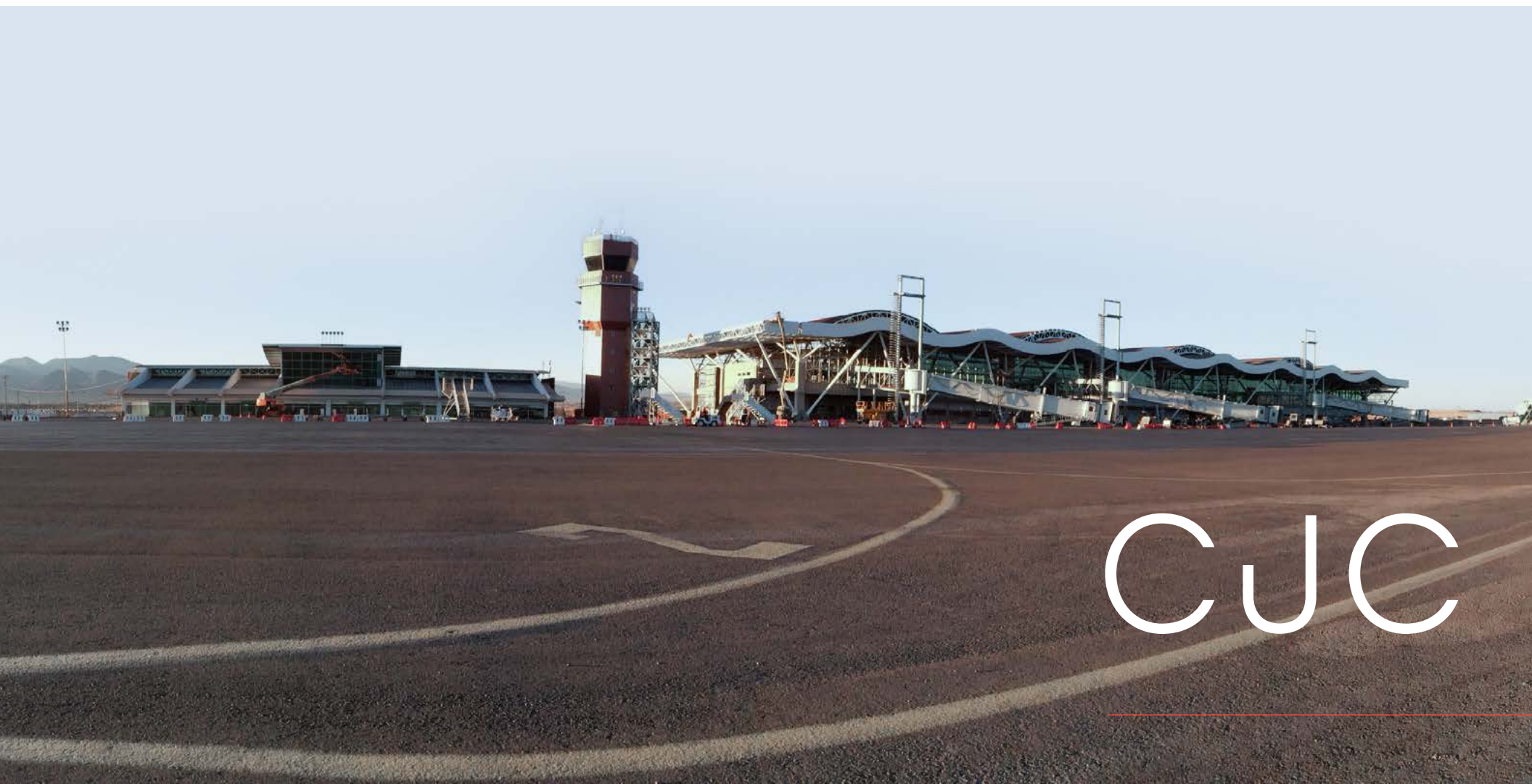
EL LOA AIRPORT

CORE SERVICES PROVIDED
Construction Management

PASSENGER NUMBERS
2 mppa

NEW AIRCRAFT PARKING AREAL
8,200 sqm

NEW BUILDINGS
20,640 sqm



CJC

CLT



CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
**Design
Construction Management**

PASSENGER NUMBERS
50.2 mppa

RUNWAYS
4

SOUTH CROSSFIELD TAXIWAY
1.2km long

COPENHAGEN, DENMARK

COPENHAGEN AIRPORT

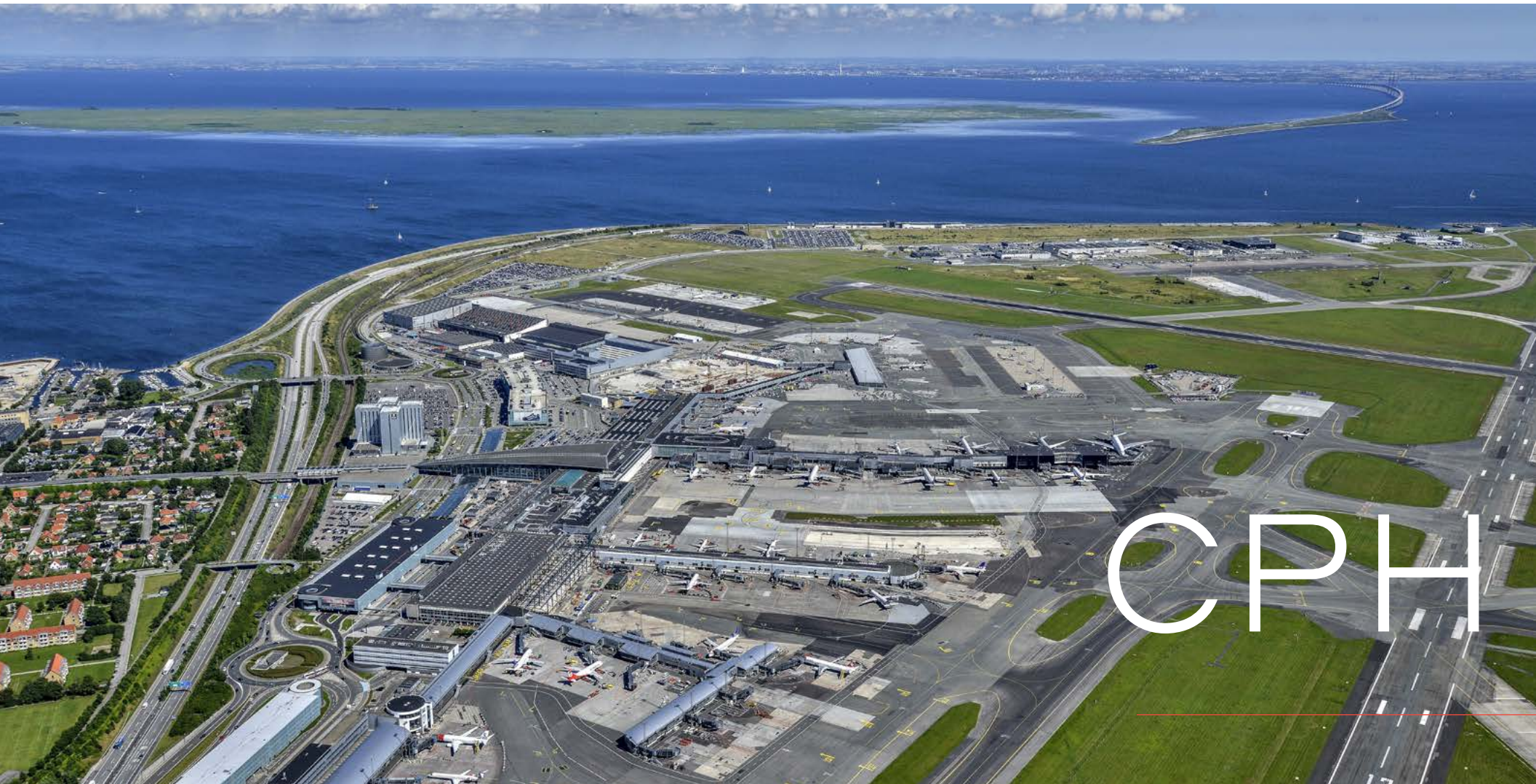


CORE SERVICES PROVIDED
Planning

PASSENGER NUMBERS
30.2 mppa

RUNWAYS
3

AIRCRAFT MOVEMENTS
263,411



CPH

CRK



CLARK FREEPORT ZONE,
PAMPANGA, PHILIPPINES

CLARK INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Planning

PASSENGER NUMBERS
4.2 mppa

TERMINAL BUILDING
20,000 sqm

PLANNED PASSENGER NUMBERS IN 2028
36.2 mppa



RONALD REAGAN WASHINGTON NATIONAL AIRPORT

CORE SERVICES PROVIDED
Program Management Design

PASSENGER NUMBERS
23 mppa

RUNWAYS
3

TERMINAL
35 gates designed by Cesar Pelli



DCA

DEL



INDIRA GANDHI INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Program/Project Management Design

PASSENGER NUMBERS
69.2 mppa

NEW RUNWAY
4.5 km

TERMINAL
500,000 sqm



airport carbon accredited TRANSITION

DENVER INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED

Advisory
Program/Project Management
Sustainability

PASSENGER NUMBERS

69 mppa

RUNWAYS

6

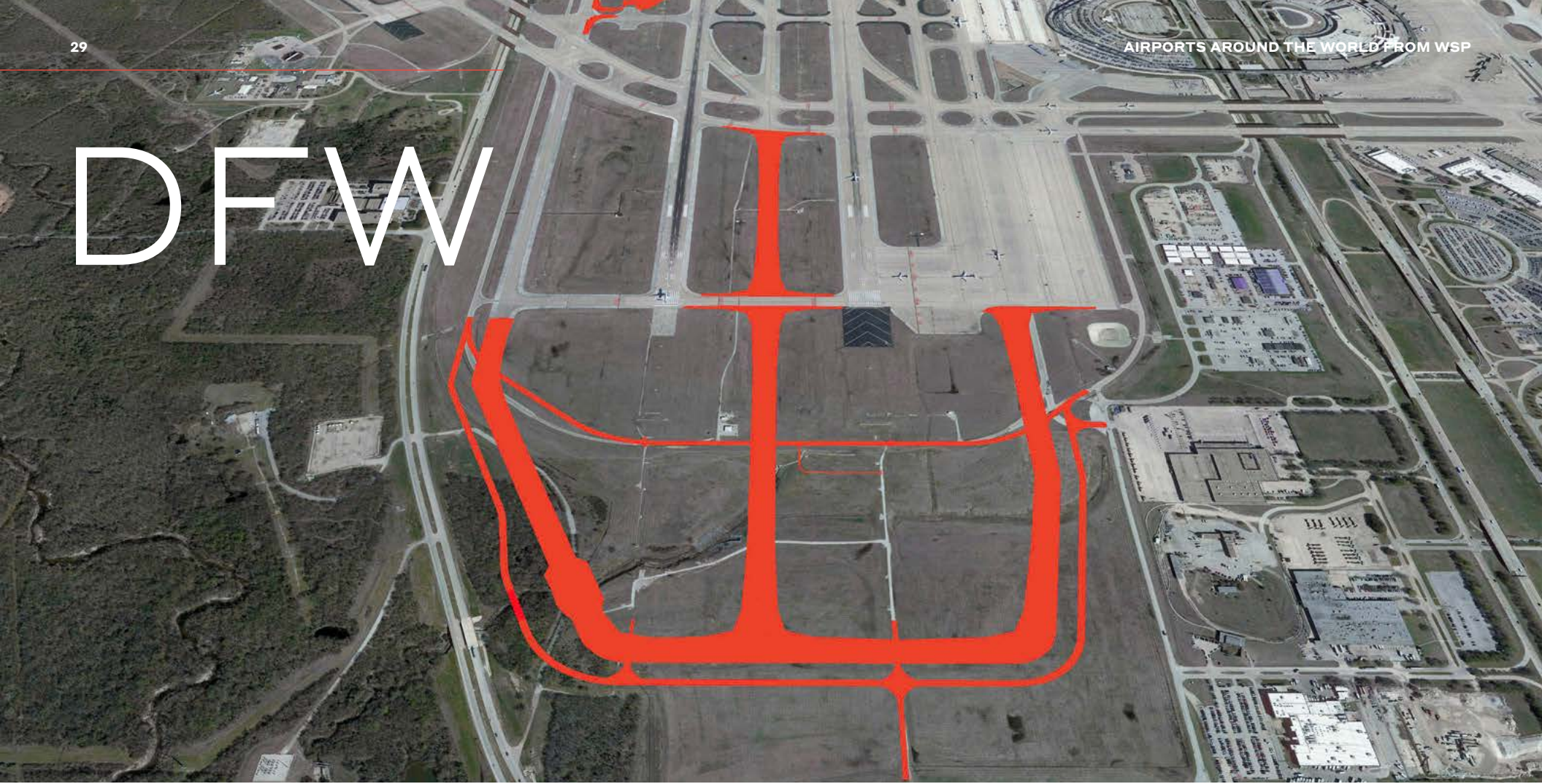
AIRPORT AREA

135.7 km²



DEN

DFW



DALLAS-FORT WORTH INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED

Design

PASSENGER NUMBERS

75 mppa

RUNWAYS

7

GATES

164



HAMAD INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED
Design
Master Planning
Construction Management

PASSENGER NUMBERS
38.8 mppa

AIRCRAFT MOVEMENTS
232,917

TERMINAL BUILDING
600,000 sqm



DOH



DWC



AL MAKTOUM INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Sustainability
Specialized Services (Design Peer Review)

PLANNED PASSENGER NUMBERS
160-220 mppa

PLANNED RUNWAYS
5

UNIQUE FEATURE
Planned to be world's largest passenger & cargo airport when complete



DUBAI AIRPORT

CORE SERVICES PROVIDED

Advisory
Sustainability
Specialized Services (Air quality data analysis)



PASSENGER NUMBERS

86.4 mppa

AIRPORT AREA

1,750 ha

CARGO CAPACITY

3.1 million tonnes



DXB



ELQ



PRINCE NAYEF BIN ABDULAZIZ INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED

Design

PASSENGER NUMBERS

3 mppa

TERMINAL BUILDING

27,000 sqm

RUNWAY

1

NEWARK LIBERTY INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED
Construction Management

PASSENGER NUMBERS
46 mppa

RUNWAYS
3

AIRTRAIN NEWARK
4.8 km



EWWR

FAB



FARNBOROUGH AIRPORT



CORE SERVICES PROVIDED
Planning

UNIQUE FEATURE
Business Airport

RUNWAY
1

HISTORICAL MILESTONE
Home of 1st British powered flight 1907

LUNGI INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Design

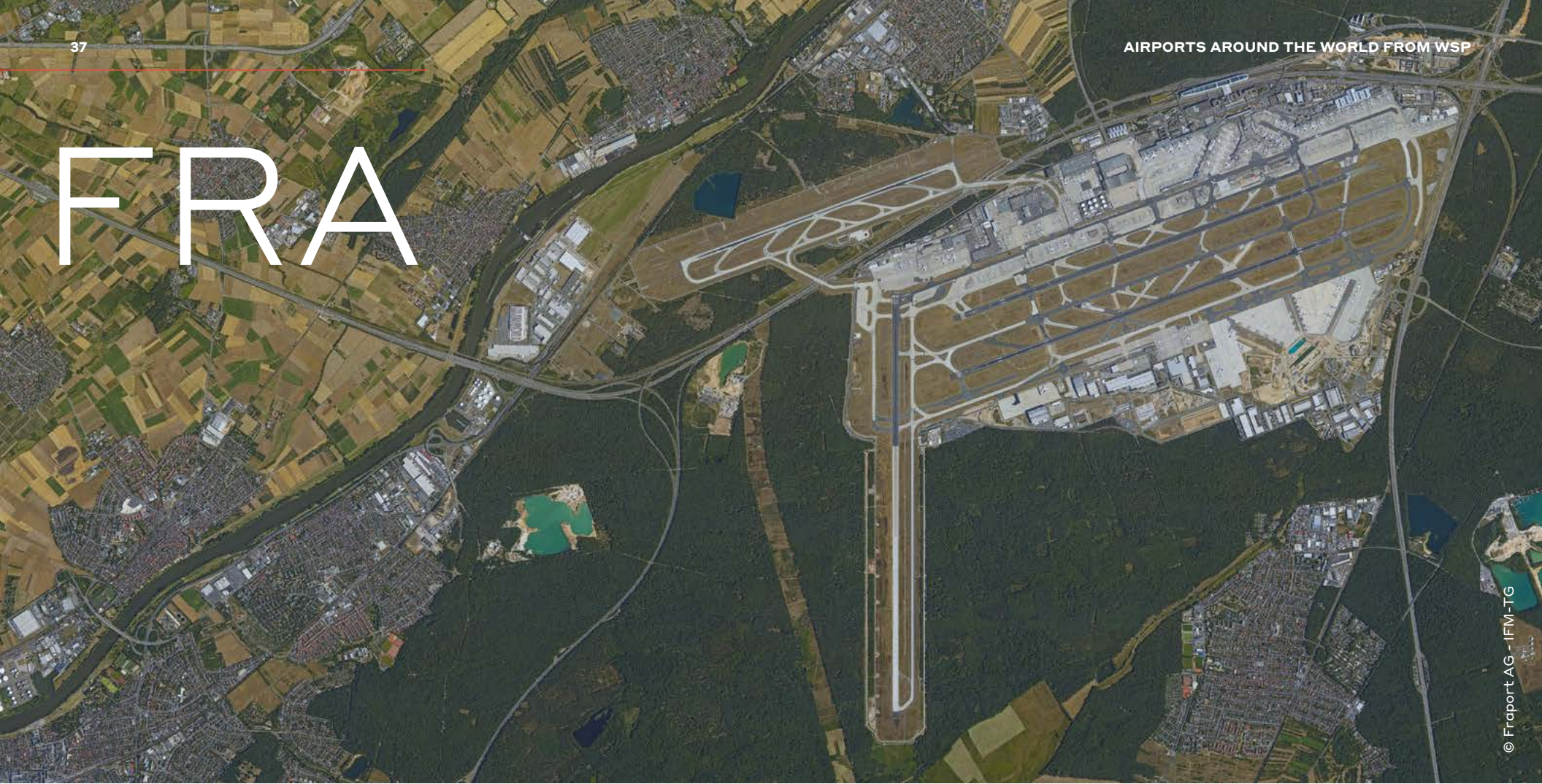
PASSENGER NUMBERS
0.32 mppa

RUNWAY
1

PROJECT TYPE
Airport expansion



FNA



FRA

FRANKFURT AM MAIN AIRPORT

CORE SERVICES PROVIDED
**Design
Site Management**

PASSENGER NUMBERS
69.5 mppa

ANNUAL TAKE-OFFS & LANDINGS
514,000

RUNWAYS
4



airport
carbon
accredited
OPTIMISATION

FUERTEVENTURA AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
6.1 mppa

RUNWAY
1

TERMINAL BUILDING
93,000 sqm



GRX



FEDERICO GARCÍA LORCA GRANADA AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
1.1 mppa

RUNWAY
1

GATES
4

HA'IL, KINGDOM OF SAUDI ARABIA

HA'IL INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
4 mppa

TERMINAL BUILDING
51,000 sqm

RUNWAY
1



HAS

HKG



HONG KONG

CATHAY PACIFIC AIR CARGO TERMINAL BUILDING

CORE SERVICES PROVIDED
Design

SITE AREA
109,000 sqm

DESIGNED ANNUAL CAPACITY
2.6 million tonnes

GROSS FLOOR AREA
246,000 sqm



© Scott Brownrigg

CHINA AIRCRAFT SERVICES LIMITED (CASL) AIRCRAFT MAINTENANCE HANGARS

CORE SERVICES PROVIDED
Planning

TOTAL FLOOR AREA
20,000 sqm

AIRSIDE TECHNICAL STORE
1,100 sqm

HANGAR STORE ANNEX BUILDING
2,400 sqm



HKG

HKG



HONG KONG AIRLINES AVIATION TRAINING CENTRE

CORE SERVICES PROVIDED
**Design
Project Management
Construction Management**

GROSS FLOOR AREA
22,900 sqm

SIMULATOR HALLS
12

HEIGHT
11-storey

HONG KONG

HONG KONG INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED
**Project Management
Design**

PASSENGER NUMBERS
71.5 mppa

NEW THIRD RUNWAY
3.8 km

NEW AUTOMATED PEOPLE MOVER
**7,200 passengers
per hour**



JFK



© 2008 Prakash Patel

NEW YORK, NY, UNITED STATES

JOHN F. KENNEDY INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED
**Program management
Planning
Design
Construction Management
Sustainability**

PASSENGER NUMBERS
61.9 mppa

TERMINALS
6

AIRTRAIN
13 km long

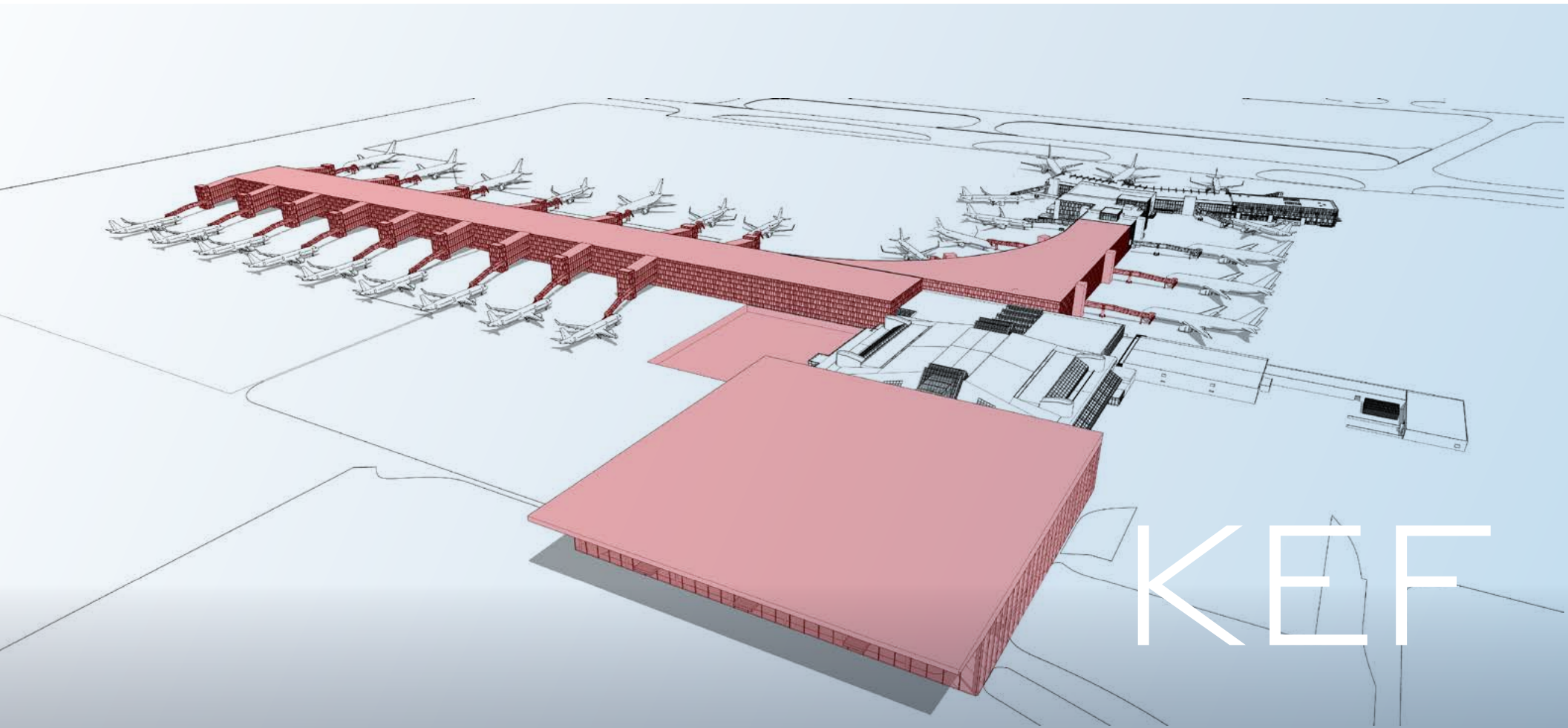
REYKJAVÍK-KEFLAVÍK AIRPORT

CORE SERVICES PROVIDED
Design

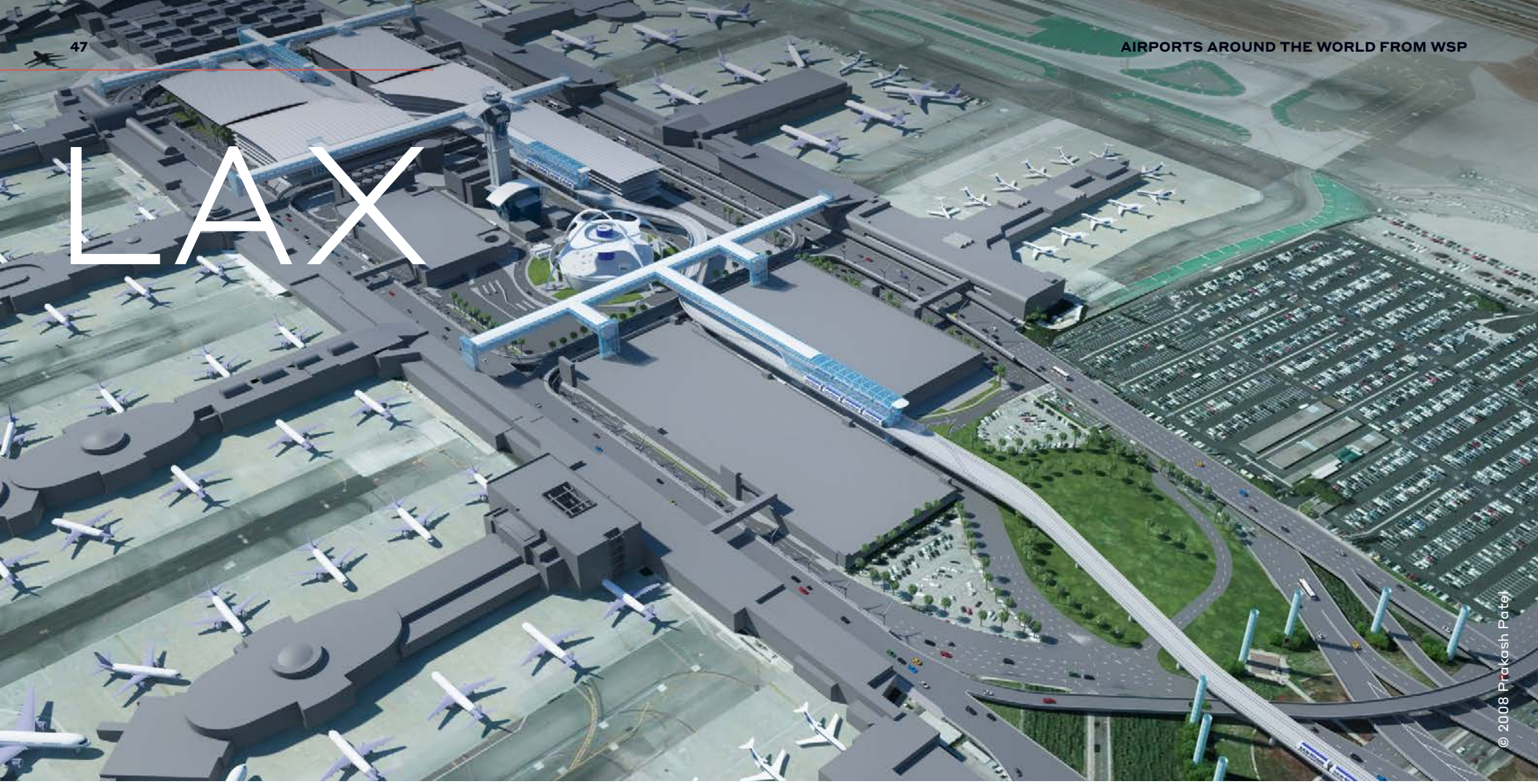
PASSENGER NUMBERS
7.3 mppa

TERMINAL EXPANSION
20,000 sqm

RUNWAYS
2



KEF



LAX

LOS ANGELES INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
**Advisory
Planning
Design**

PASSENGER NUMBERS
88 mppa

AUTOMATED PEOPLE MOVER
3.3 km

ORIGIN & DESTINATION AIRPORT
World's busiest



LEEDS BRADFORD AIRPORT



CORE SERVICES PROVIDED
Planning

PASSENGER NUMBERS
3.9 mppa

RUNWAY
1

AIRCRAFT MOVEMENTS
35,641



LBA



LCG

CORUÑA AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
1.3 mppa

RUNWAY
1

AIRCRAFT MOVEMENTS
17,199

LONDON, UNITED KINGDOM

LONDON CITY AIRPORT

CORE SERVICES PROVIDED
**Sustainability
Planning**

PASSENGER NUMBERS
5.1 mppa

RUNWAY
1

UNIQUE FEATURE
**STOL airport
(Short Take-Off and Landing)**



LEI



ALMERIA, SPAIN

ALMERIA AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
1 mppa

RUNWAY
1

AIRCRAFT MOVEMENTS
11,948



LAGUARDIA AIRPORT

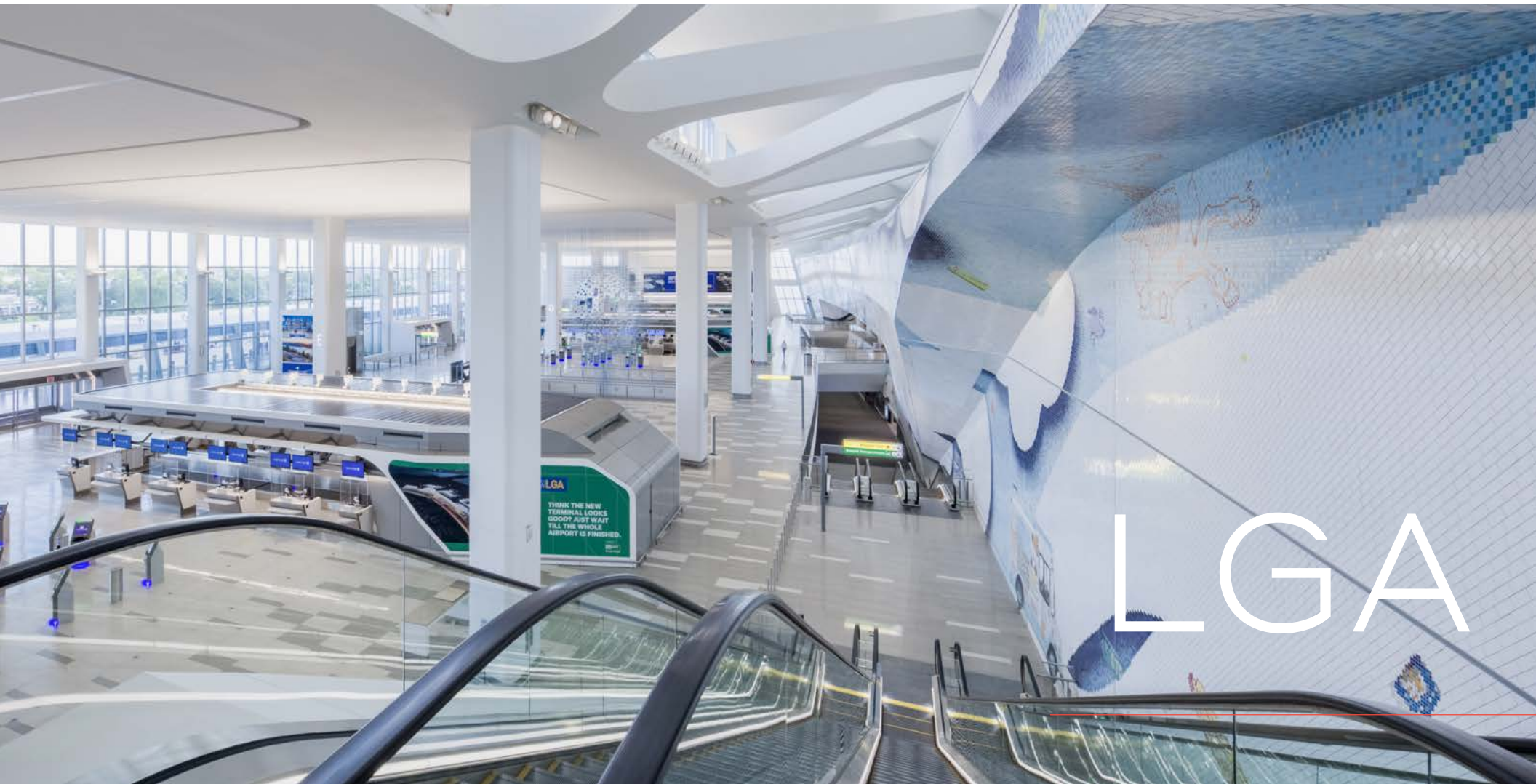


CORE SERVICES PROVIDED
Project Management
Design
Environmental Studies

PASSENGER NUMBERS
30 mppa

RUNWAYS
2

NEW TERMINAL
149,003 sqm



LGA



LGW



GATWICK AIRPORT



CORE SERVICES PROVIDED
Project Management
Design
Sustainability

PASSENGER NUMBERS
46.6 mppa

AIRCRAFT MOVEMENTS
284,000

RUNWAY LENGTH
3.3 km

LONDON, UNITED KINGDOM

HEATHROW AIRPORT

CORE SERVICES PROVIDED

- Design
- Program Management
- Digital
- Sustainability
- Construction Management

PASSENGER NUMBERS

80.9 mppa

AIRPORT SIZE

1,227 ha

TOTAL TERMINAL AREAS

> 1,000,000 sqm



LHR



LIR

LIBERIA, COSTA RICA

DANIEL ODUBER QUIRÓS INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED

- Program/Project Management
- Planning
- Design
- Construction Management
- Specialized Services

PASSENGER NUMBERS

1.1 mppa

NEW TERMINAL AREA

20,000 sqm

GATES

7



© General Contractor (Van Der Laat Y Jimenez S.A. Compañía Constructora)

LUTON, UNITED KINGDOM

LONDON LUTON AIRPORT



CORE SERVICES PROVIDED
Planning

PASSENGER NUMBERS
17.9 mppa

UNIQUE FEATURE
60% Waste Recycled

TONNES OF CARGO
36,906



© RSH+P

LYON, FRANCE

LYON-SAINT EXUPÉRY AIRPORT



CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
11.8 mppa

TERMINAL 1 EXPANSION
70,000 sqm

DIGITAL ENGINEERING
BIM (Building Information Modeling)

MADRID, SPAIN

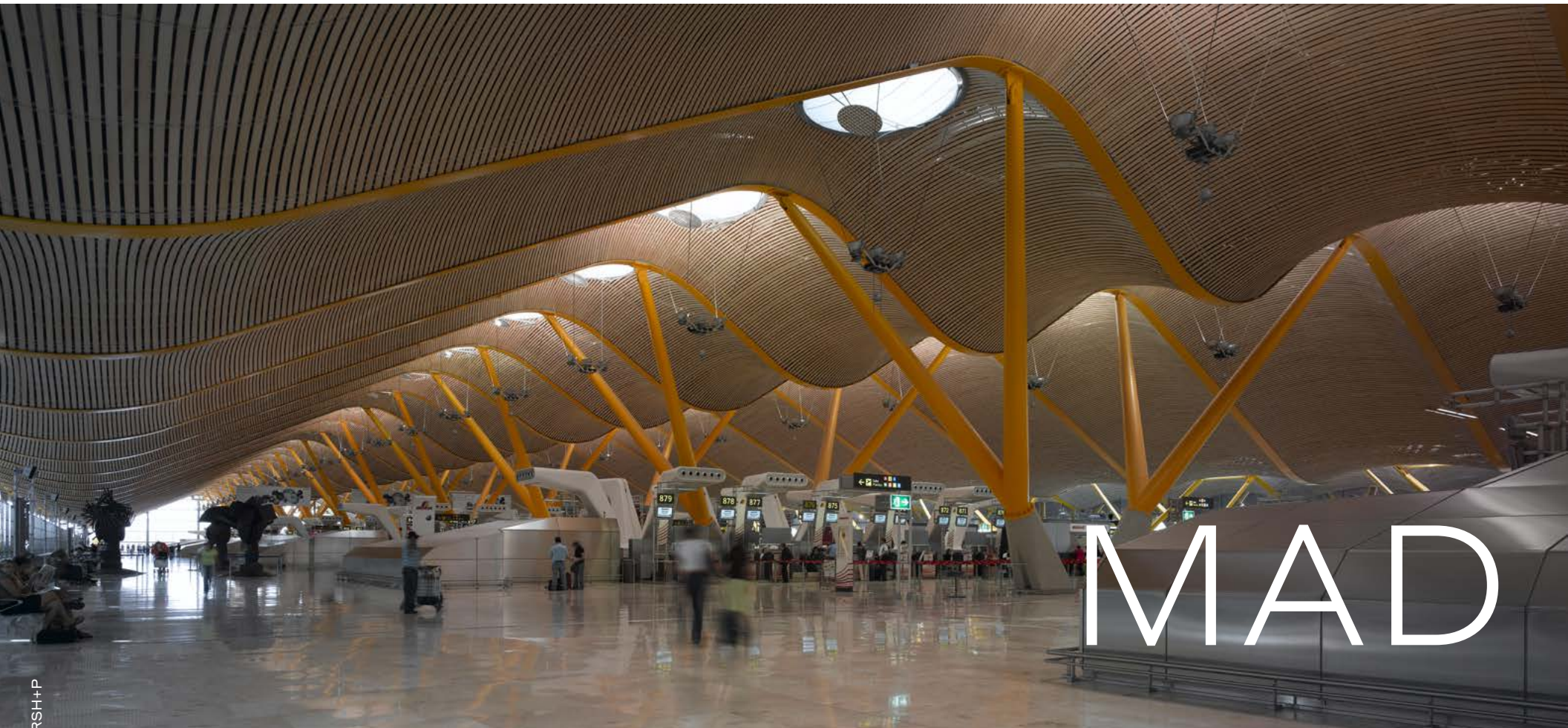
MADRID-BARAJAS INTERNATIONAL AIRPORT (ADOLFO SUÁREZ MADRID-BARAJAS)

CORE SERVICES PROVIDED
**Program Management
Planning**

PASSENGER NUMBERS
61.7 mppa

RUNWAYS
4

SURFACE AREA
3,050 ha



MAD

© RSH+P



MAN

MANCHESTER, UNITED KINGDOM

MANCHESTER AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
29 mppa

RUNWAYS
2

AIR BRIDGES
42



© MAG

ORLANDO, FL, UNITED STATES

ORLANDO INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Project Management
Design
Construction Management

PASSENGER NUMBERS
47.7 mppa

RUNWAYS
4

GUIDEWAY
2.4 km



MICO



MCT

MUSCAT, OMAN

MUSCAT AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
15 mppa

CARGO COMPLEX
79,000 sqm

CARGO PROJECTIONS
500,000 tonnes



JOSÉ MARIA CORDOVA INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
9.2 mppa

AIRPORT RANKING IN SIZE AND SERVICE
Second Busiest in Colombia

TERMINAL
3 Passenger Levels

MEDELLIN, COLOMBIA



MDE

MEL



MELBOURNE, VICTORIA, AUSTRALIA

MELBOURNE AIRPORT

CORE SERVICES PROVIDED
Advisory

NEW RAIL CONNECTION
CBD into Forecourt Precinct

PROJECT TYPE
Infrastructure Master Planning

AIRPORT ACTIVITY
Australia's Second-Busiest Airport



MIAMI, FL, UNITED STATES

MIAMI INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
45 mppa

RUNWAYS
4

AIRPORT AREA
1,335 ha



MRS



MARSEILLE, FRANCE

MARSEILLE PROVENCE AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
10.1 mppa

NEW TERMINAL BUILDING
30,000 sqm

RUNWAYS
2



© Foster + Partners

NEW ORLEANS, LA, UNITED STATES

LOUIS ARMSTRONG NEW ORLEANS INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Program Management
Construction Management

PASSENGER NUMBERS
13 mppa

RUNWAYS
2

NEW TERMINAL
90,766 sqm



MUC



MUNICH, GERMANY

MUNICH AIRPORT

CORE SERVICES PROVIDED
Project and Construction
Management

PASSENGER NUMBERS
47.9 mppa

UNIQUE FEATURE
Largest roofed outdoor
area in Europe

AIRCRAFT MOVEMENTS
417,138



© Leo A Daly

NIAMEY, NIGER

DIORI HAMANI INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
0.35 mppa

RUNWAYS
2

PROJECT TYPE
Airport expansion



NIM



NAPIER, NEW ZEALAND

HAWKES BAY REGIONAL AIRPORT

CORE SERVICES PROVIDED
Design

EXPECTED PASSENGER NUMBERS BY 2030

1 mppa

BAGGAGE HANDLING SYSTEM
First Automated System

NEW TERMINAL EXPANSION
4,340 sqm



NELSON AIRPORT

CORE SERVICES PROVIDED
**Asset Management
Advisory**

PASSENGER NUMBERS
1.1 mppa

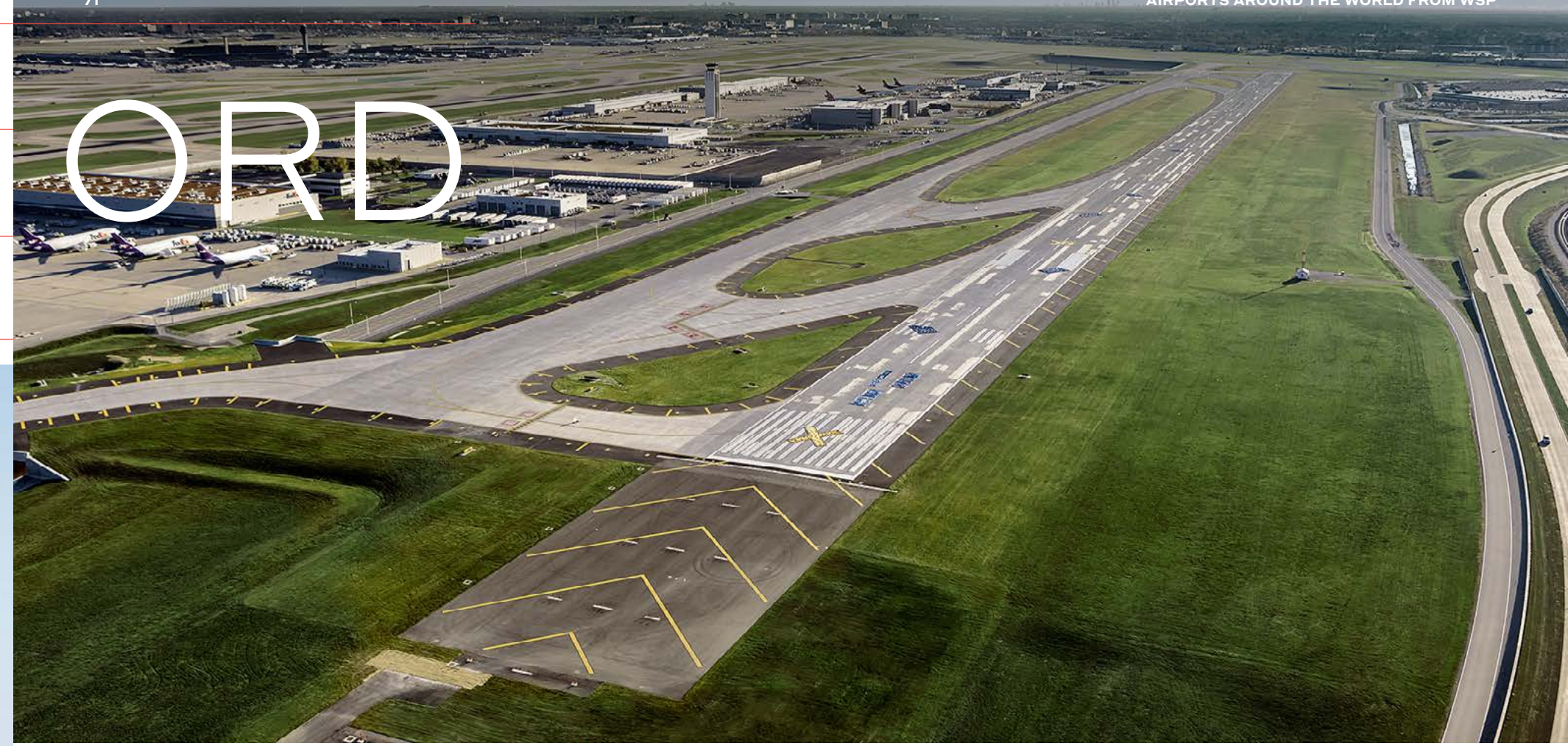
EXPECTED PASSENGER NUMBERS
BY 2035
1.4 mppa

AIRPORT ACTIVITY
**New Zealand's
Sixth-busiest airport**



NSN

ORD



CHICAGO O'HARE INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Construction Management

PASSENGER NUMBERS
83 mppa

RUNWAYS
7

AIRPORT AREA
7,627 ha



AVILES, SPAIN

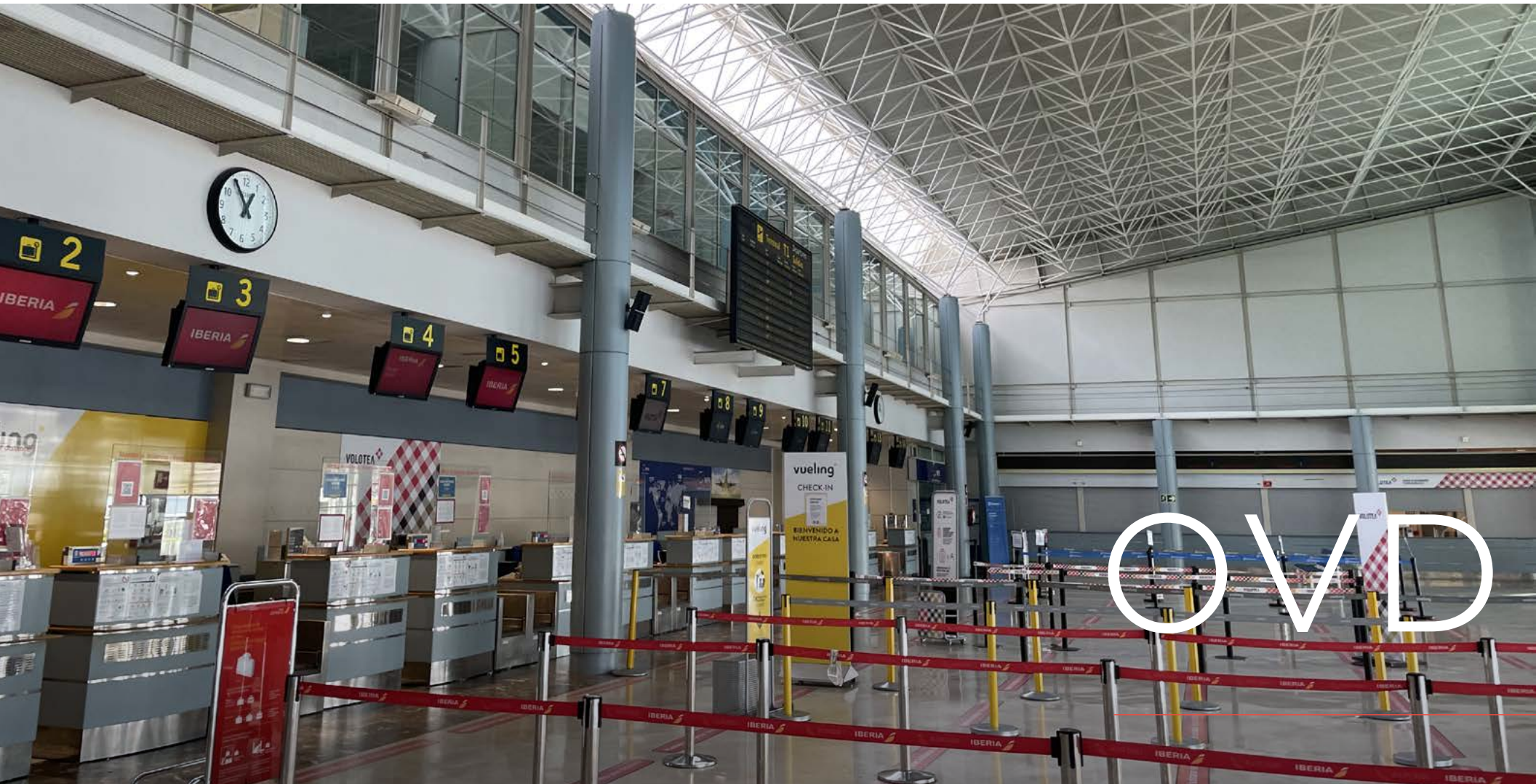
ASTURIAS AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
1.4 mppa

RUNWAY
1

AIRCRAFT MOVEMENTS
13,406



OVD

PMI



PALMA DE MALLORCA, SPAIN

PALMA DE MALLORCA AIRPORT

CORE SERVICES PROVIDED
Project Management

PASSENGER NUMBERS
29 mppa

RUNWAYS
2

CHECK-IN COUNTERS
218



PAMPLONA, SPAIN

PAMPLONA AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
0.25 mppa

RUNWAY
1

AIRCRAFT MOVEMENTS
6,136



PNA



ROT

ROTORUA, NEW ZEALAND

ROTORUA AIRPORT

CORE SERVICES PROVIDED

**Project Management
Design
Construction Management**

RECORD PASSENGER NUMBERS
June 2019 in a decade

CARPARK CAPACITY INCREASE
+30%

PASSENGER NUMBERS
265,000



THE RED SEA AIRPORT

CORE SERVICES PROVIDED

- Planning
- Design
- Sustainability
- Design for Manufacture and Assembly (DfMA)
- Specialized Services (Ground engineering services)

PASSENGER NUMBERS

1 mppa

TERMINAL BUILDING

37,000 sqm

UNIQUE FEATURE

LEED 'Platinum' development



RSI

RUH



KING KHALID INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED

- Project Management
- Design

PASSENGER NUMBERS

28.5 mppa

RUNWAYS

2

TERMINALS

5



SAN DIEGO INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED
Design
Project Management

PASSENGER NUMBERS
25 mppa

TERMINAL 2 EXPANSION
43,664 sqm

AIRSIDE EXPANSION
7,627 ha



SAN



SAN ANTONIO INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED
Planning

PASSENGER NUMBERS
10 mppa

RUNWAYS
3

AIRPORT AREA
1,052 ha

SANTIAGO-ROSALÍA DE CASTRO AIRPORT



CORE SERVICES PROVIDED
Planning

PASSENGER NUMBERS
2.9 mppa

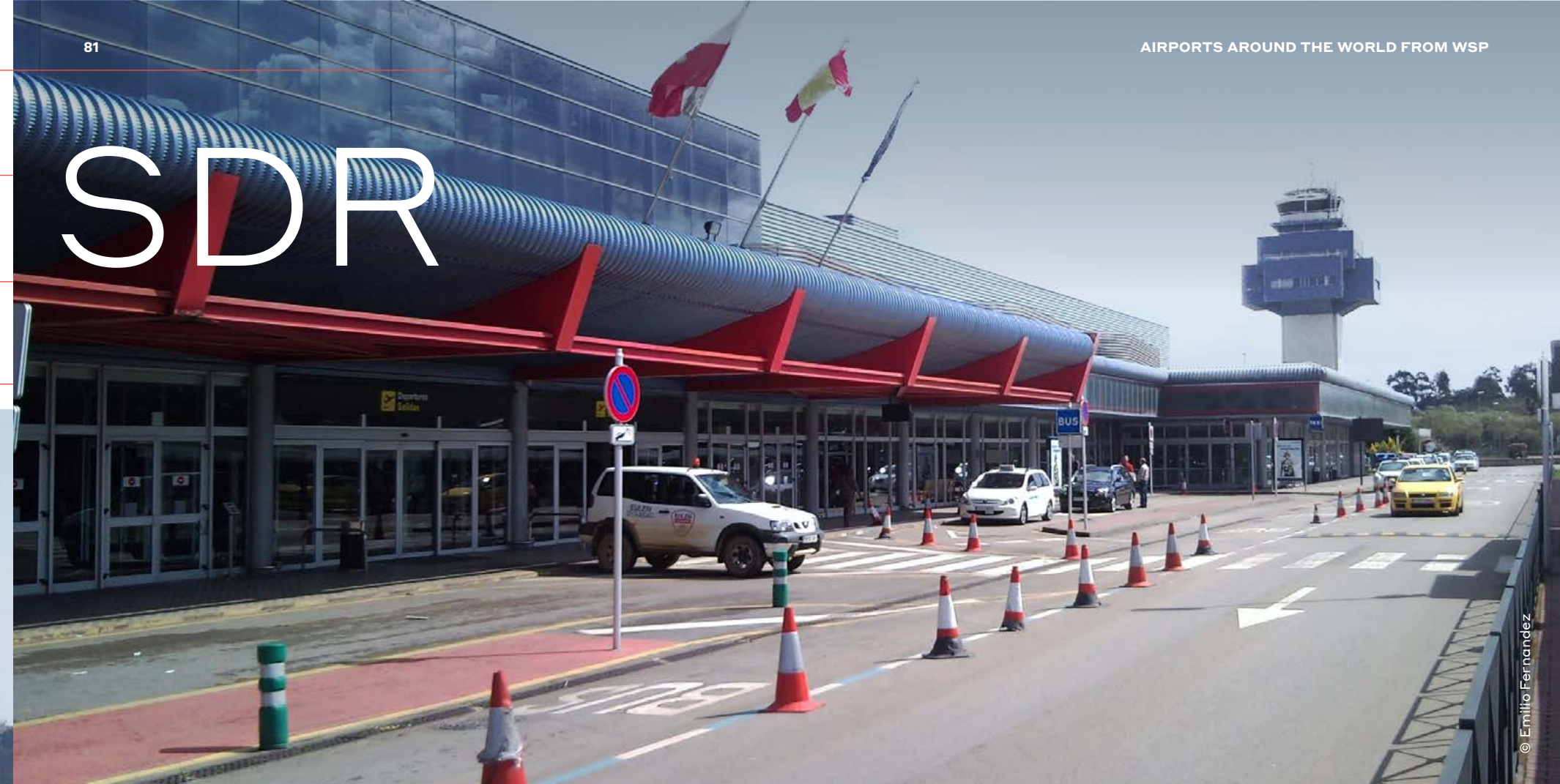
RUNWAY
1

AIRCRAFT MOVEMENTS
22,396



SCQ

SDR



SEVE BALLESTEROS-SANTANDER AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
1.2 mppa

RUNWAY
1

AIRCRAFT MOVEMENTS
11,236



SEATTLE-TACOMA INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED

Design
Planning

PASSENGER NUMBERS

51.8 mppa

RUNWAYS

3

GATES

103



SEA



SFO

SAN FRANCISCO INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED

Project Management
Design
Environmental Studies
Sustainability

PASSENGER NUMBERS

57.4 mppa

RUNWAYS

4

TOWARDS NET ZERO

Plans for sustainable fuels

SINGAPORE CHANGI AIRPORT



CORE SERVICES PROVIDED

**Project Management
Design
Construction Management**

PASSENGER NUMBERS

68.3 mppa

TERMINALS

4

NEW CHANGI EAST EXPANSION

1,080 ha



SIN

SJC



NORMAN Y MINETA SAN JOSE INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED

**Program Management
Construction Management
Design**

PASSENGER NUMBERS

14.3 mppa

AIRPORT AREA

424.9 ha

RUNWAYS

2

SALT LAKE CITY, UT,
UNITED STATES

SALT LAKE CITY INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Program Management

PASSENGER NUMBERS
34 mppa

RUNWAYS
3

AIRPORT AREA
1,231 ha



S L C



SALALAH, OMAN

SALALAH AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
2 mppa

CARGO COMPLEX
23,000 sqm

CARGO PROJECTIONS
100,000 tonnes



LONDON STANSTED AIRPORT

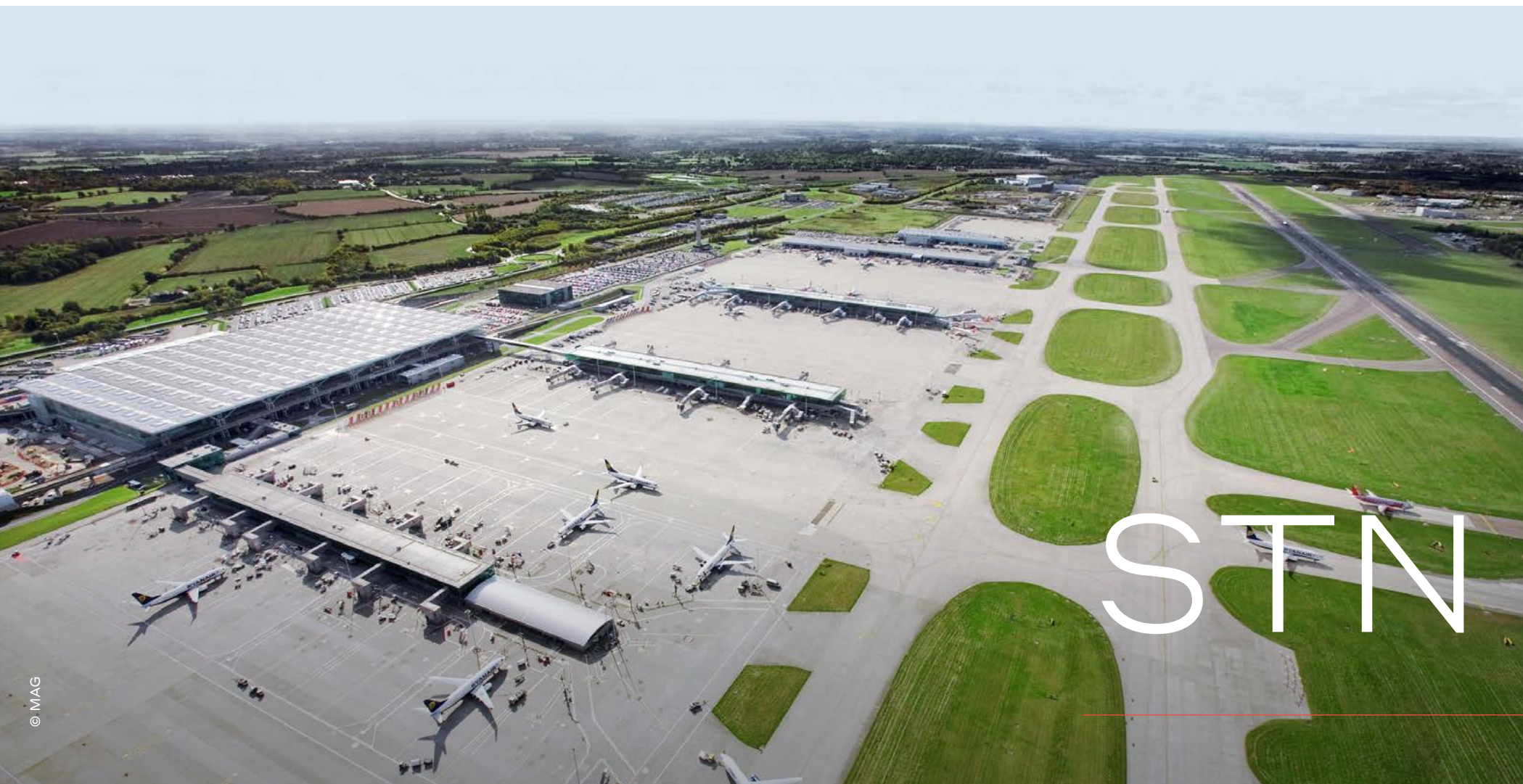


CORE SERVICES PROVIDED
Design
Sustainability

PASSENGER NUMBERS
28 mppa

RUNWAY
1

AIRCRAFT MOVEMENTS
199,925



SVQ



SEVILLE AIRPORT

CORE SERVICES PROVIDED
Planning

PASSENGER NUMBERS
6.4 mppa

RUNWAY
1

CARGO PROJECTIONS
100,000 tonnes



WESTERN SYDNEY INTERNATIONAL (NANCY-BIRD WALTON) AIRPORT

CORE SERVICES PROVIDED

Design
Construction Services

PLANNED OPENING

2026

ESTIMATED PASSENGER NUMBERS

10 mppa

RUNWAY LENGTH

3.7 km



SWZ

SYD



SYDNEY AIRPORT

CORE SERVICES PROVIDED

Design
Sustainability
Specialized Services

PASSENGER NUMBERS

44.4 mppa

TERMINALS

3

FIRST FLIGHT

1919



airport
carbon
accredited
OPTIMISATION

QINGDAO, CHINA

AIRBUS HELICOPTERS H135 BUILDING

CORE SERVICES PROVIDED
Owner's Representative

PLANT
6,500 sqm

HELIPADS
4

HANGAR CAPACITY
18 helicopters



TAO

© IAM Architects



TEN

© Guanyto2006

TENERIFE, SPAIN

TENERIFE NORTH AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
5.5 mppa

RUNWAY
1

AIRCRAFT MOVEMENTS
75,385



TENERIFE SOUTH AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
11.2 mppa

RUNWAY
1

AIRCRAFT MOVEMENTS
70,277



TFS



TIF

TA'IF INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
5 mppa

RUNWAY LENGTH
4.3 km

TERMINAL BUILDING
80,000 sqm

AIRBUS A350 PAINTING HALLS

CORE SERVICES PROVIDED

- Project Management
- Design
- Construction Management

HANGARS

2

BUILDINGS

13,200 sqm

ENERGY EFFICIENCY

- Painting Rooms
- Optimization Flows



TLS

TML



TAMALE INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED

- Design

PASSENGER NUMBERS

0.2 mppa

RUNWAY

1

PROJECT TYPE

Airport expansion



TAIWAN TAOYUAN INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED

**Project Management
Planning
Design**

PASSENGER NUMBERS
48 mppa

GROUND TRANSPORTATION CENTER
4.8 ha

TERMINAL 3 MAIN BUILDING
13.6 ha



TPE

TUS



TUCSON INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
**Design
Construction Management**

PASSENGER NUMBERS
3.6 mppa

RUNWAYS
3

GATES
22



QUITO, ECUADOR

MARISCAL SUCRE INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED

- Project Management
- Planning
- Design
- Construction Management
- Specialized Services

PASSENGER NUMBERS

5.2 mppa

GROUND TRANSPORTATION CENTER

4.8 ha

5 STAR AWARD

First in the Americas for passenger's choice by SKYTRAX



© Raulgvarquez

VIGO, SPAIN

VIGO AIRPORT

CORE SERVICES PROVIDED

- Planning
- Design

PASSENGER NUMBERS

1.1 mppa

RUNWAY

1

AIRCRAFT MOVEMENTS

12,526



© McMillan Architects Associates Inc.



WELLINGTON, NEW ZEALAND

WELLINGTON INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED

Design
Construction Observation
Asset Management

PASSENGER NUMBERS

6.4 mppa

AIRPORT AREA

110 ha

CARPARK

New 10-storey building



© image courtesy of Oz Minerals

CARRAPATEENA, AUSTRALIA

CARRAPATEENA AIRPORT - OZ MINERALS

CORE SERVICES PROVIDED

Design

SEALED RUNWAY

1.6 km

ACCESS ROAD

5 km

CONSTRUCTION COMPLETED

2018

EDMONTON INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED

- Advisory
- Program/Project Management
- Planning
- Design
- Construction Management
- Specialized Services

PASSENGER NUMBERS

8.2 mppa

RUNWAYS

2

AIR TERMINAL EXPANSION

25,000 sqm



YE G

YFB



IQALUIT INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED

- Advisory
- Planning

ANNUAL PASSENGERS

120,000

NEW BUILDING TERMINAL

10,000 sqm

RUNWAY

1



KINGSTON NORMAN ROGERS AIRPORT

CORE SERVICES PROVIDED

Advisory
Planning

RUNWAYS

2

RUNWAY LENGTH

1.83 km

BUILDING SIZE

1,576 sqm



HALIFAX STANFIELD INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED

Program/Project Management
Planning
Design
Specialized Services

PASSENGER NUMBERS

4.2 mppa

RUNWAYS

2

ANNUAL TAKE-OFFS AND LANDINGS

84,045

YANBU INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
2 mppa

TERMINAL BUILDING
14,500 sqm

RUNWAY
1



YNB

YOW



OTTAWA MACDONALD-CARTIER INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED
**Planning
Design
Specialized Services**

PASSENGER NUMBERS
5.1 mppa

RUNWAYS
3

AIRCRAFT MOVEMENTS
140,476

QUEBEC CITY, QUEBEC, CANADA

QUÉBEC CITY JEAN LESAGE INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED
Program Management
Design
Planning
Construction Management

PASSENGER NUMBERS
1.79 mppa

RUNWAYS
2

AIRCRAFT MOVEMENTS
144,963



YQB

KENORA, ONTARIO, CANADA



KENORA AIRPORT

CORE SERVICES PROVIDED
Planning
Program/Project Management
Design
Construction Management
Specialized Services

RUNWAY
1

NEW AIR TERMINAL BUILDING
782 sqm

AWARD
Low Rise Commercial
Wood Design



© Ryan T Fisher Photography

GRANDE PRAIRIE, ALBERTA, CANADA

GRANDE PRAIRIE AIRPORT

CORE SERVICES PROVIDED
Planning

PASSENGER NUMBERS
0.43 mppa

RUNWAYS
2

AIRCRAFT MOVEMENTS
40,651



YTH



THOMPSON, MANITOBA, CANADA

THOMPSON AIRPORT

CORE SERVICES PROVIDED
**Project Management
Transport Planning
Design
Construction Management**

RUNWAYS
2

NEW BUILDING TERMINAL
4,554 sqm

NEW GATES
3

YQU

© Architecture49 Inc.

© Architecture49 Inc.

THOMPSON, MANITOBA, CANADA

BILLY BISHOP TORONTO CITY AIRPORT

CORE SERVICES PROVIDED

Project Management
Planning
Design
Construction Management
Specialized Services (Regulatory compliance)

PASSENGER NUMBERS

2.8 mppa

AIRPORT ACTIVITY

Canada's ninth-busiest airport

SPECIAL FEATURE

Located on Toronto Island



YZT



YUL

MONTREAL, QUEBEC, CANADA

MONTRÉAL- TRUDEAU INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED

Environmental Studies
Design
Transport Planning

PASSENGER NUMBERS

20.3 mppa

RECYCLED GLYCOL FOR AIRCRAFT DE-ICING FLUID

99.5% concentration

RUNWAYS

2



airport
carbon
accredited
OPTIMISATION

WINNIPEG JAMES ARMSTRONG RICHARDSON INTERNATIONAL

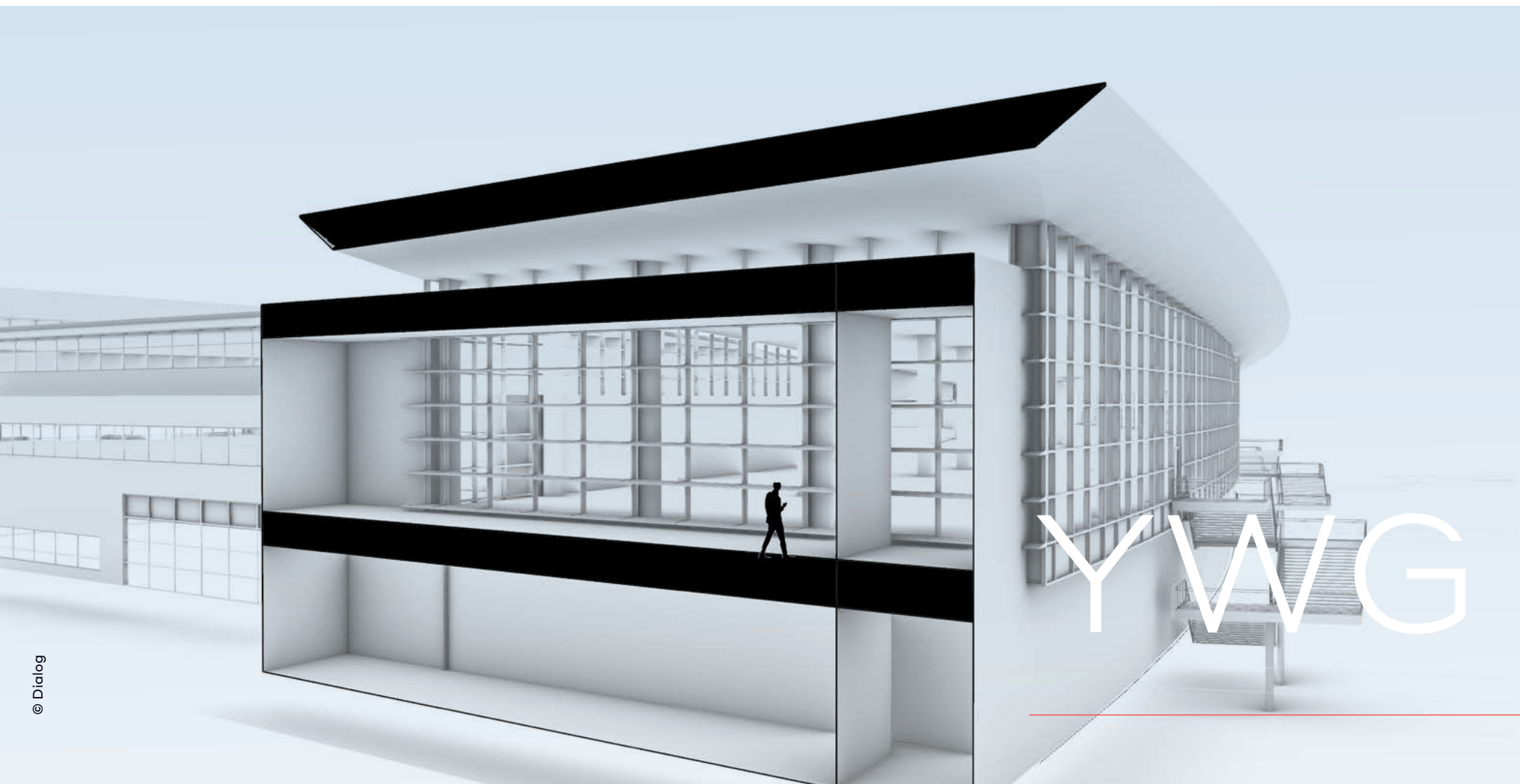


CORE SERVICES PROVIDED
Planning

PASSENGER NUMBERS
4.5 mppa

RUNWAYS
2

AIRCRAFT MOVEMENTS
121,305



YWG



TORONTO PEARSON INTERNATIONAL AIRPORT



CORE SERVICES PROVIDED
**Program/Project Management
Planning
Construction Management
Design**

PASSENGER NUMBERS
50.5 mppa

RUNWAYS
5

ANNUAL TAKE-OFFS & LANDINGS
453,041

BUGESERA INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
Design

PASSENGER NUMBERS
14 mppa

RUNWAY
1

UNIQUE FEATURE
Green field airport



CHINCHERO INTERNATIONAL AIRPORT

CORE SERVICES PROVIDED
**Project Management
Planning
Construction Management
Specialized Services (Earthworks)**

AIRPORT AREA
454 ha

AIRPORT ELEVATION
3,720 m

RUNWAY
1



Years of Experience

75+

Aviation Projects

8K+

Number of Airports

350+

OUR EXPERTS

**Asia**

Frank Kung-Ping Lin
frank.lin@wsp.com

Tim Aldeburgh
tim.aldeburgh@wsp.com

Australia

Mark Boone
mark.boone@wsp.com

Canada

Alberto Ruiz
alberto.ruiz@wsp.com

France

Jean-Marie Steiner
jean-marie.steiner@wsp.com

Germany

Alexander Haase
alexander.haase@wsp.com

Latin / South America

Javier Lancheros
javier.lancheros@wsp.com

Alberto Ruiz
alberto.ruiz@wsp.com

Middle East

Mahmoud Mounir
mahmoud.mounir@wsp.com

New Zealand

Sarah Rickman
sarah.rickman@wsp.com

Nordics

Mattias Frithiof
mattias.frithiof@wsp.com

Spain

César Martínez Pérez
cesar.martinezperez@wsp.com

United Kingdom

Richard Lyall (Global Network Coordinator)
Richard.Lyall@wsp.com

Tim Morrison
tim.morrison@wsp.com

United States

Indhira Figueroa
indhira.figueroa@wsp.com



Can we anticipate the unforeseeable,
perceive the unexplainable,
and plan something unbelievable?

What if we can?

WSP Global Inc.
1600, René-Lévesque Blvd. W.
10th Floor
Montreal, Quebec
H3H 1P9

wsp.com

