



ThyssenKrupp Elevator

Operating Unit Central/Eastern/Northern Europe

Warszawa, 23.10.2010

ThyssenKrupp Elevator Sp. z o.o.



ThyssenKrupp

Group structure

Corporate Headquarter

ThyssenKrupp AG

Business Areas

Materials division

Steel Europe

Steel Americas

Stainless Global

Materials Services

Technologies division

Elevator Technology

Plant Technology

Components Technology

Marine Systems



ThyssenKrupp Group

Corporate Headquarter

ThyssenKrupp AG

Business Areas

Materials division

Steel Europe

ThyssenKrupp Steel Europe
Processing

Steel Americas

ThyssenKrupp CSA Siderúrgica do Atlântico
ThyssenKrupp Steel USA

Stainless Global

ThyssenKrupp Nirosta
ThyssenKrupp Acciai Speciali Terni
ThyssenKrupp Mexinox
Shanghai Krupp Stainless
ThyssenKrupp Stainless USA
ThyssenKrupp VDM
ThyssenKrupp Stainless International

Materials Services

Metals Services
Special Services
Industrial Services

Technologies division

Elevator Technology

Central/Eastern/Northern Europe
Southern Europe/Africa /Middle East
Americas
Asia/Pacific
Escalators/Passenger Boarding Bridges
Accessibility

Plant Technology

Uhde
Polysius
ThyssenKrupp Fördertechnik
System Engineering
ThyssenKrupp Transrapid

Components Technology

Presta Camshafts
Forging Group
ThyssenKrupp Waupaca
Rothe Erde
Berco
Presta Steering
Bilstein-Gruppe

Marine Systems

Naval
Shipyards and Services

Business Services

ThyssenKrupp Business Services
ThyssenKrupp IT Services



ThyssenKrupp key figures



	2007/2008	2008/2009
Order intake	€55.2 bn	€36.0 bn
Sales	€53.4 bn	€40.6 bn
EBITDA	€5.0 bn	€0.2 bn
Income before taxes (EBT)	€3,128 Mio m	€(2,364) m
Net income	€2,276 Mio m	€(1,873) m
Employees (September 30)	199,374	187,495

Business Area Elevator Technology

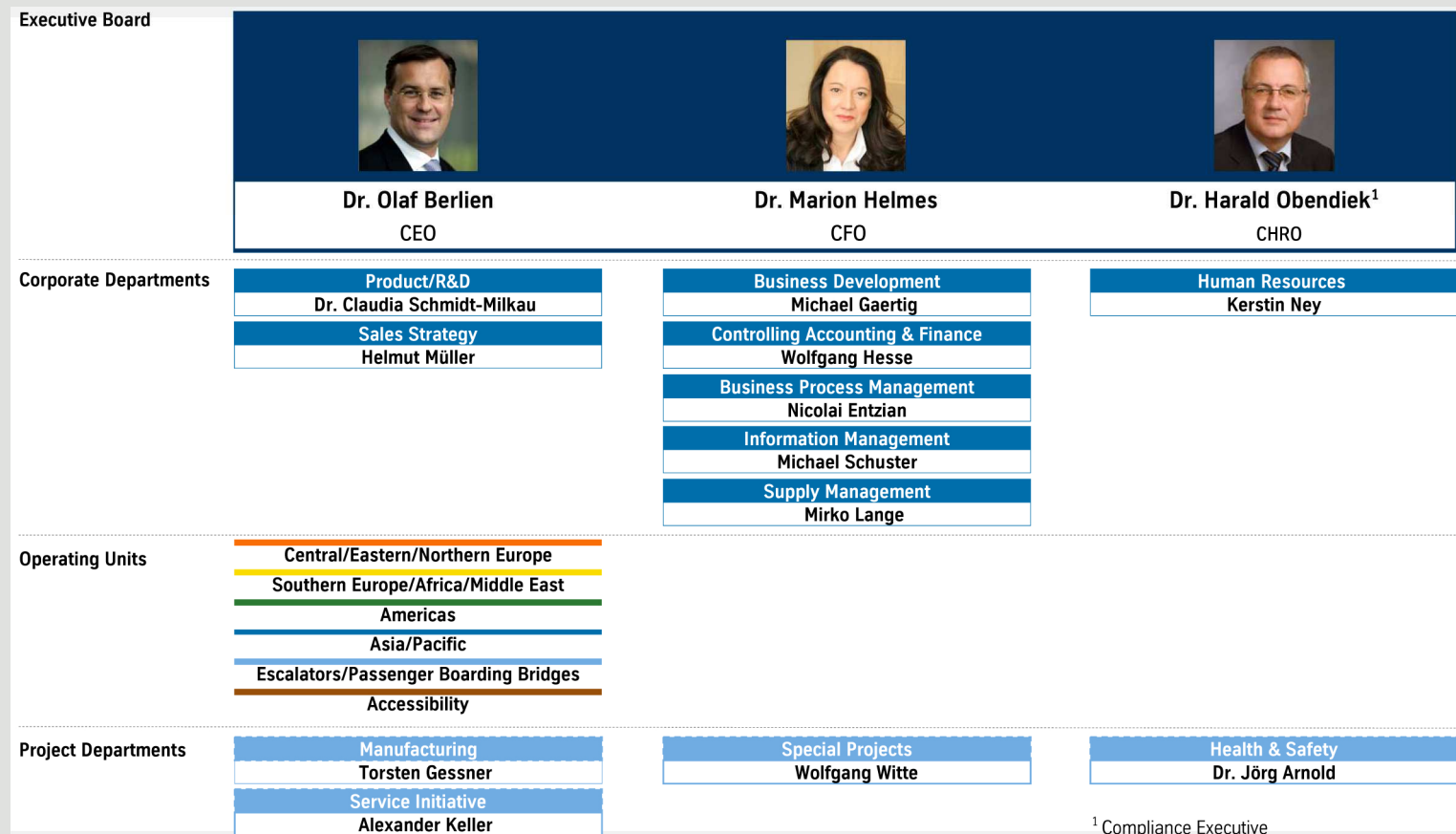
Key figures 2008/2009



Order intake	€5,0 billion
Sales	€5,3 billion
EBITDA	€637 million
Income*	€558 million
Workforce (Sept. 30)	42,698

* Before income taxes and minority interest

BA Elevator Technology



¹ Compliance Executive

Business Area Elevator Technology

Operating Units structure

ThyssenKrupp Elevator AG

Dr. Olaf Berlien • Dr. Eckart Brockfeld • Dr. Marion Helmes • Dr. Harald Obendiek

Strategic Advisory Committee

Dr. Olaf Berlien • Dr. Eckart Brockfeld • Dr. Marion Helmes • Dr. Harald Obendiek
H. Müller • J. del Pozo • R. Sotomayor • B. Pletch • P. Walker • T. Gessner

Central/
Eastern/
Northern
Europe

Helmut
Müller

Southern
Europe/
Africa/
Middle East

Javier
del Pozo

Americas

Barry
Pletch

Asia/
Pacific

Peter
Walker

Escalators/
Passenger
Boarding
Bridges

Torsten
Gessner

Accessi-
bility

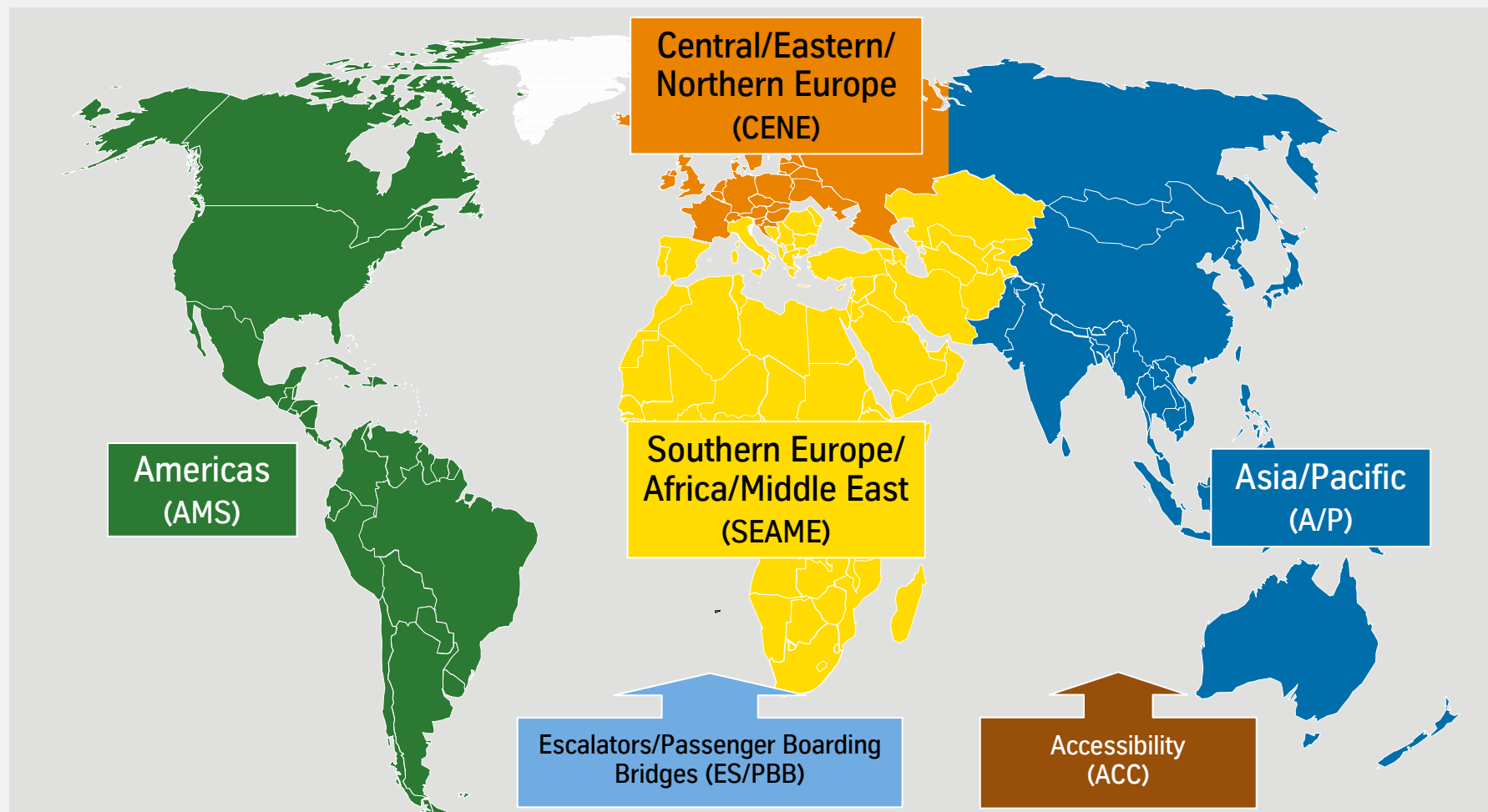
Dr. Michael
Währisch

As at November 2009



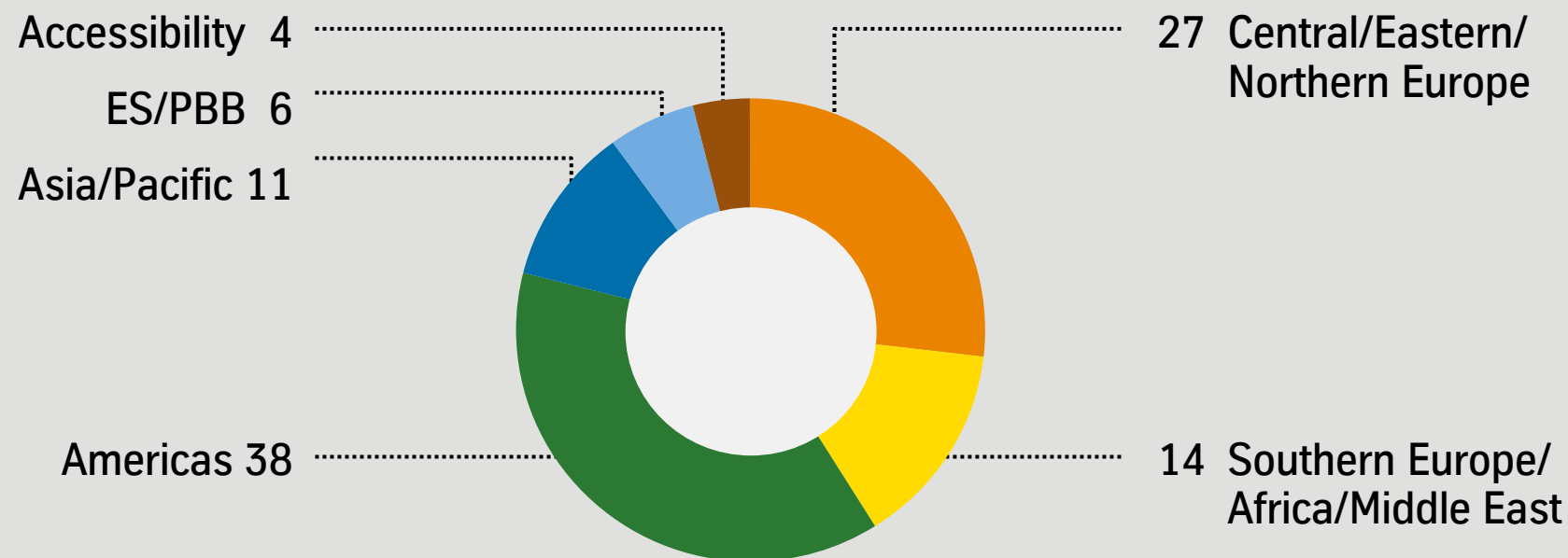
Business Area Elevator Technology

Operating Units structure



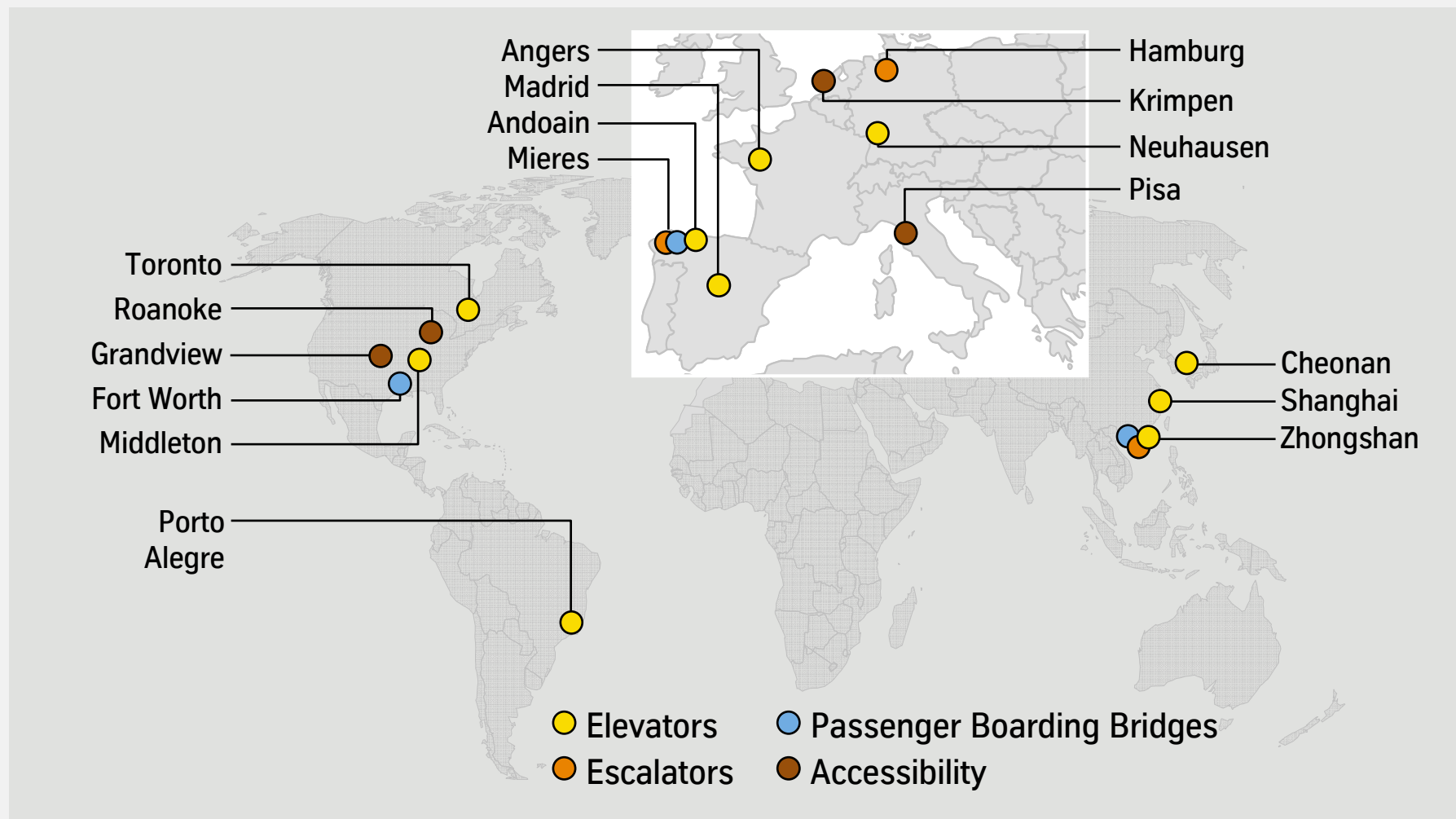
Business Area Elevator Technology

Sales by Operating Units 2008/2009 - total €5.3 billion

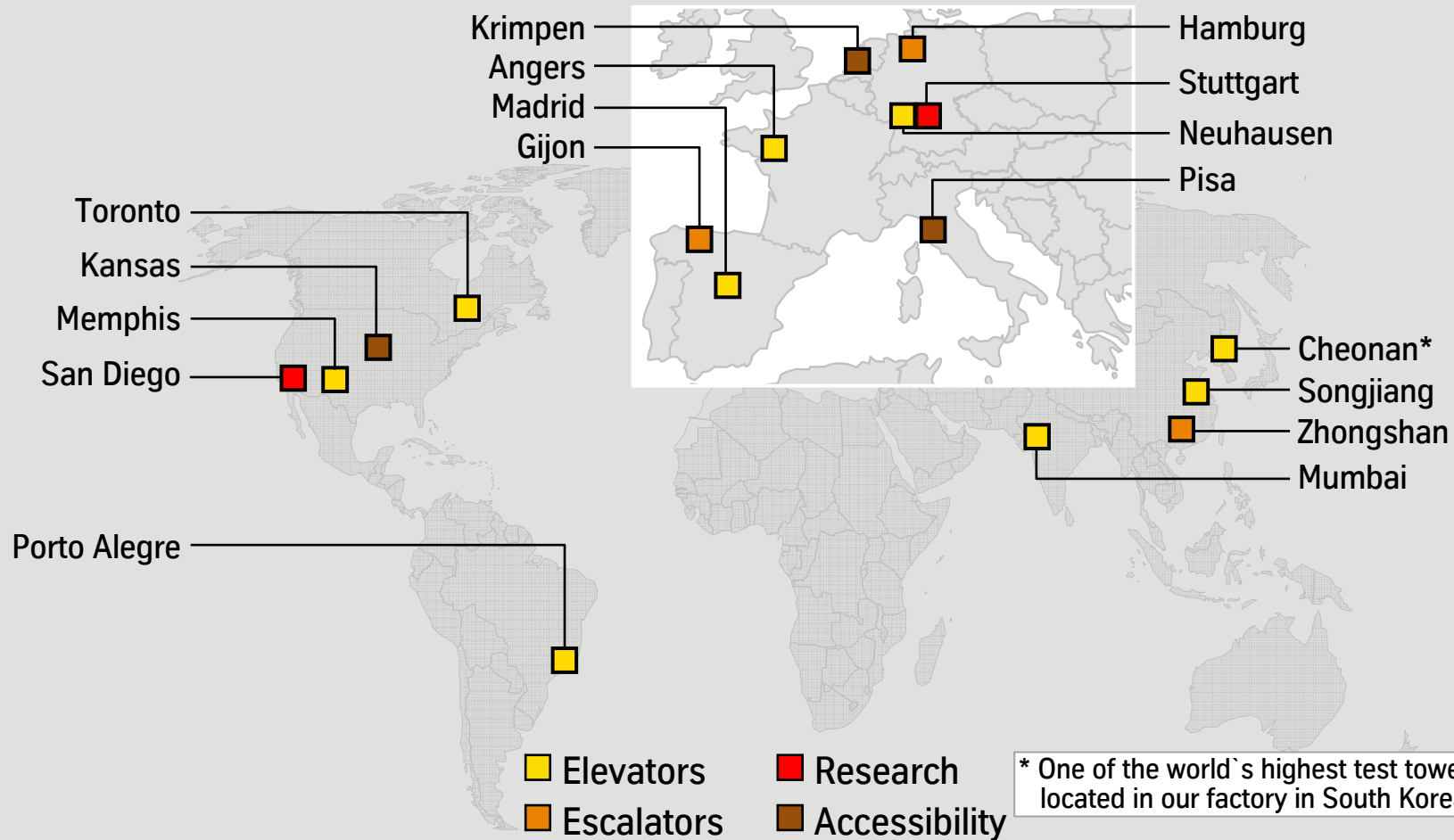


figures in %

Worldwide manufacturing



Worldwide R&D network



* One of the world's highest test tower is located in our factory in South Korea

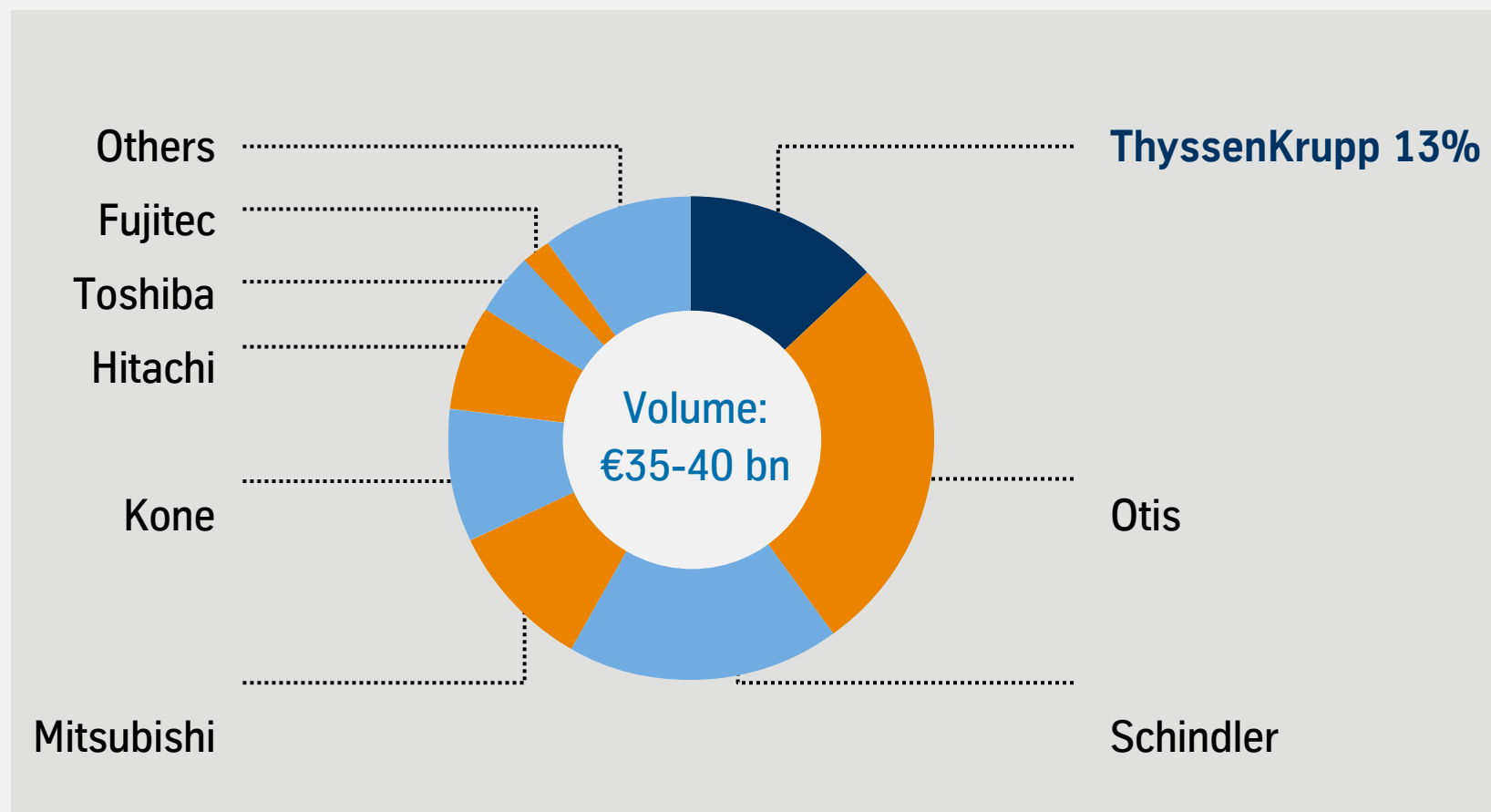
Major acquisitions

Sales development (€bn)

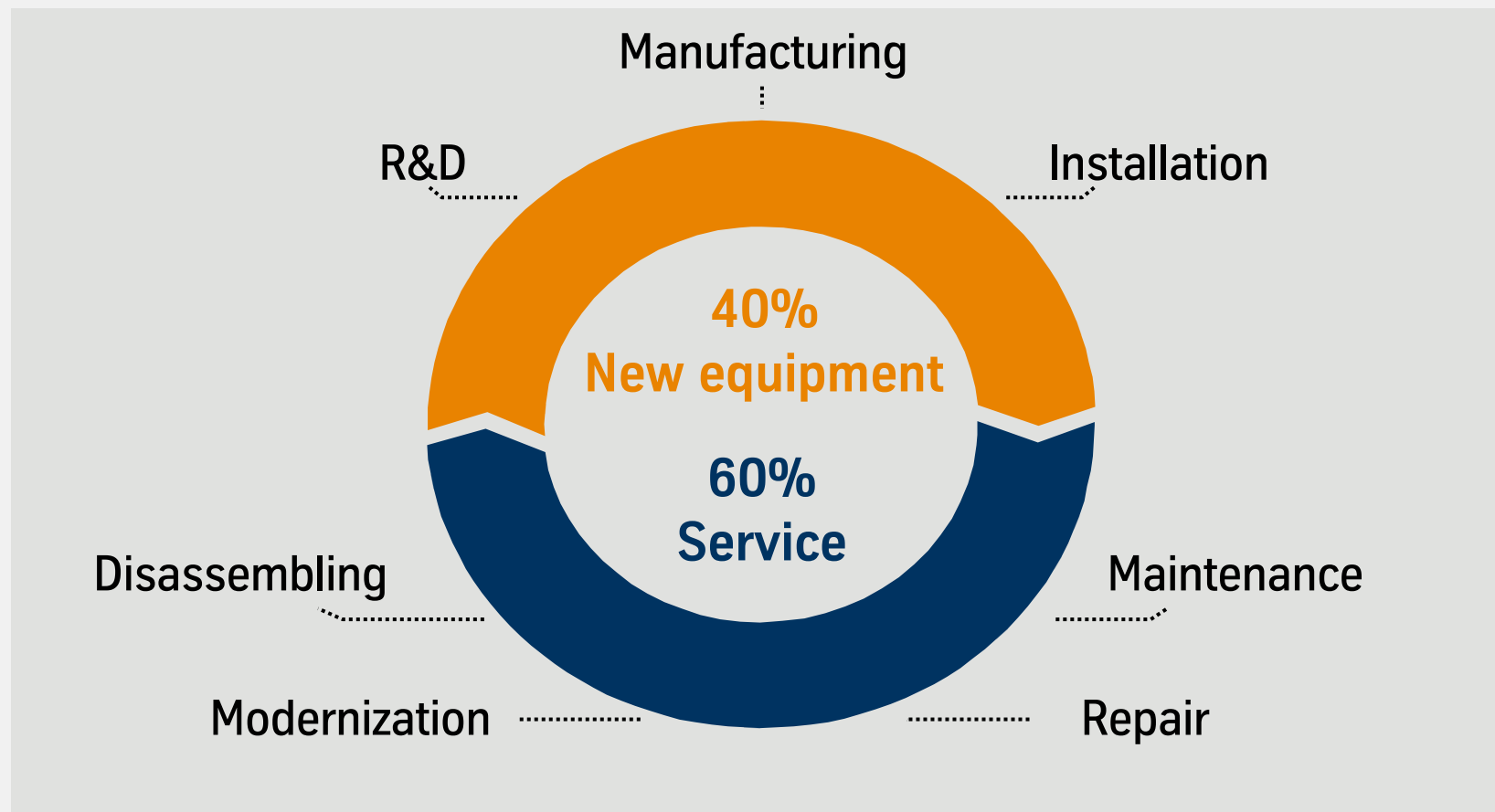


World Market for Elevators and Escalators

Market shares of overall market for elevators and escalators (estimation)



General business model



Products and Services

Full range from a single source

Elevators



- Traction elevators
- Hydraulic elevators
- Freight elevators

Innovations

- TWIN
- High speed double deckers

Escalators/moving walks



- Escalators for all applications
- Moving walks for all applications

Innovations

- Mobile escalators
- TurboTrack

Products and Services

Full range from a single source

Passenger boarding bridges



- Passenger boarding bridges for all applications
- Glass-encased boarding bridges

Innovations

- Boarding bridges for Airbus A380

Accessibility



- Chairlifts for all households
- Platform lifts in buildings for wheelchairs
- Elevators for private residential buildings

Innovations

- Chairlift Flow II

Products and Services

Service key figures

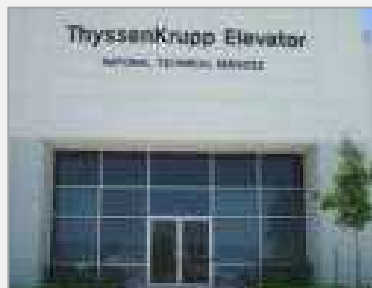


Passenger transportation with high quality standards and maximum reliability

- More than 965,000 units under maintenance worldwide
- Over 22,000 service employees
- Increased trend to full-service contracts
- Remote monitoring of elevators by teleservice
- Use of e-commerce increases customer satisfaction
- Permanent service teams on site, 24 hours
- 50% of segment sales through service

Products and Services

International Technical Services (ITS)



USA, Dallas/Texas



Europa, Manchester/UK



Asien, Shanghai/China

Service support

Remote monitoring
Technical monitoring

Technical education

Laboratory for repairs
Diagnostic equipment
Electronic components

Technical publications

Issue of manuals
Marketing

Products and Services

Innovation: TWIN elevator

- Two independent caps in one shaft
- Save building space, reduces waiting time, increases traffic handling



Destination Selection Control



Panorama-TWIN



Counterweights

Products and Services

Our worldwide standard elevator: synergy

- No shaft head. No shaft pit
- Ideal solution for New Installation and Modernization



More Space



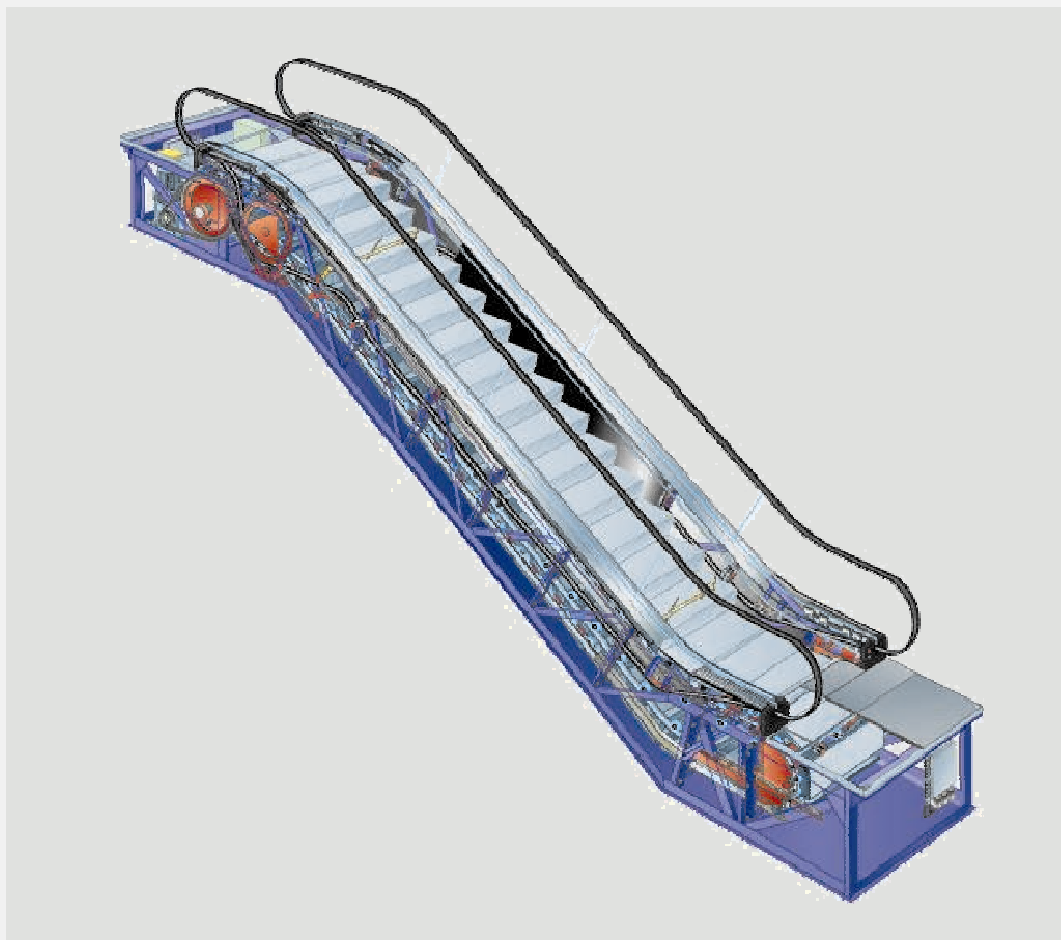
No shaft head. No shaft pit



More Calmness

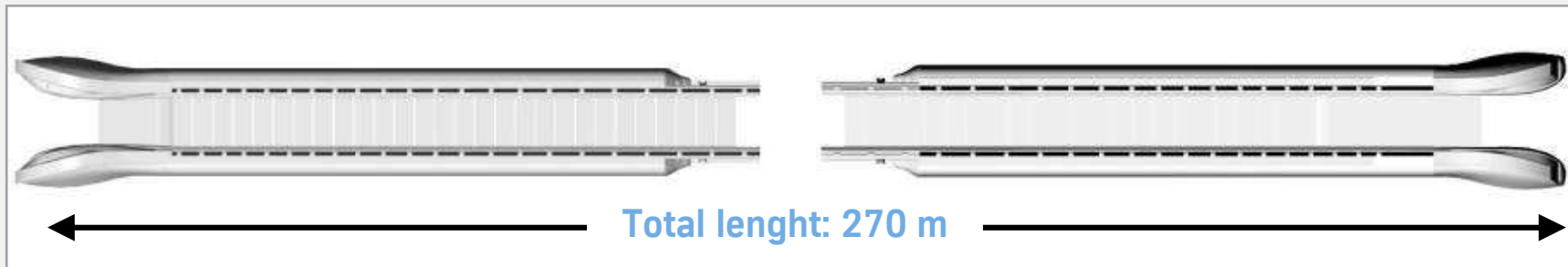
Products and Services

Escalators



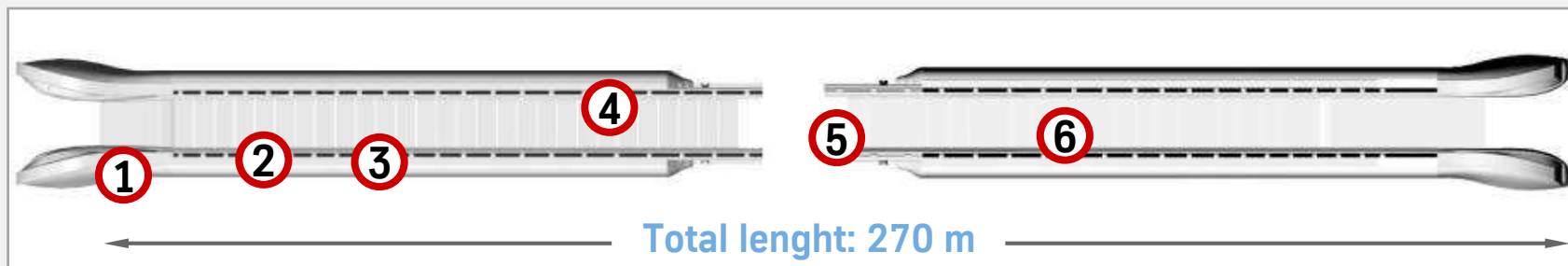
Products and Services

Innovation: TurboTrack, Toronto Airport



Products and Services

Innovation: TurboTrack, Toronto Airport



1 = Entrance area

2 = Acceleration zone
(from 0.65 m/s to 2 m/s)

3 = Overlapping pallets

4 = Speed-synchronized

5 = High-speed zone (2 m/s)

6 = Deceleration zone (from 2 m/s to 0.65 m/s)



Products and Services

Innovation: Passenger Boarding Bridges for the new Airbus A380



Approved technology with new height – the Apron Drive-Bridge

Boarding time reduced to 34 minutes

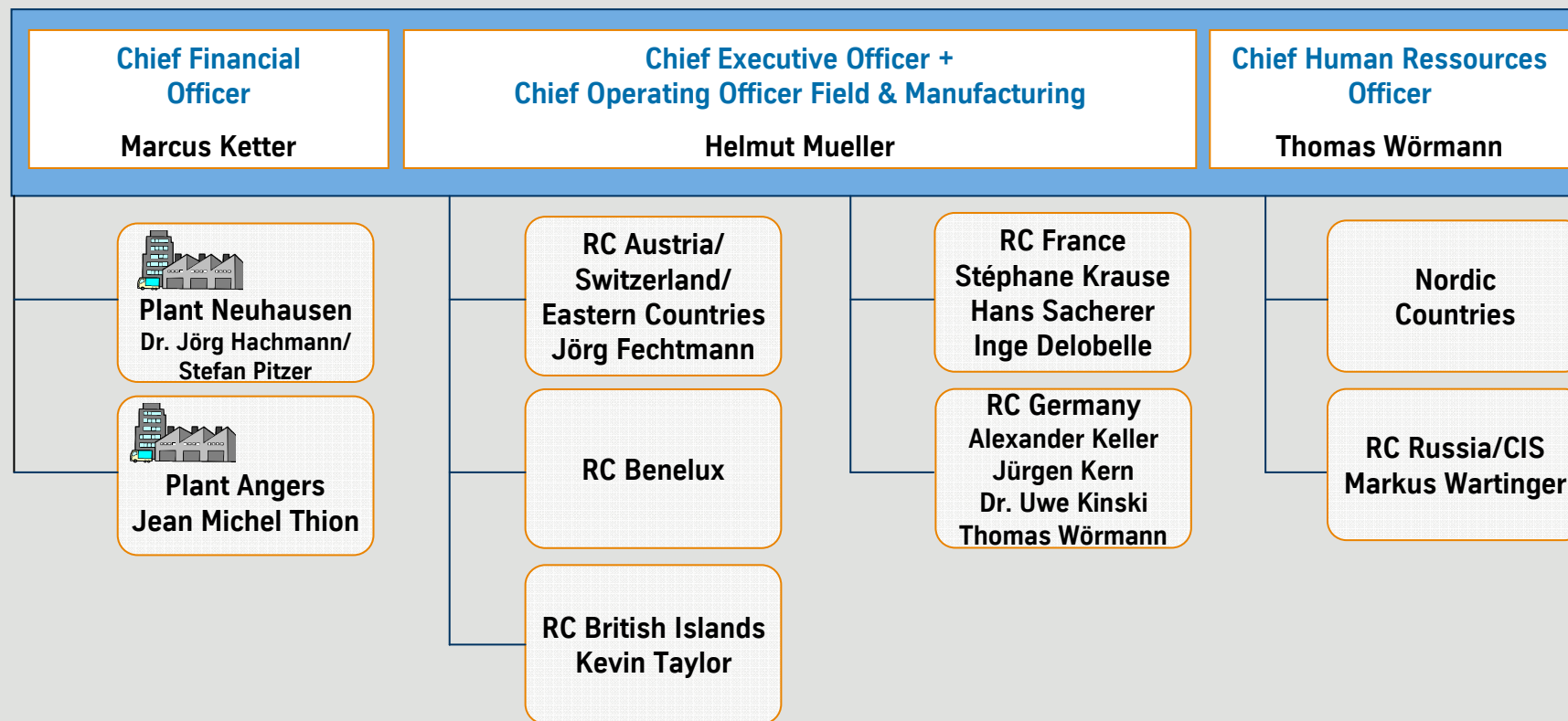
Regional Center Structur (as of October 1, 2009)



Activites:

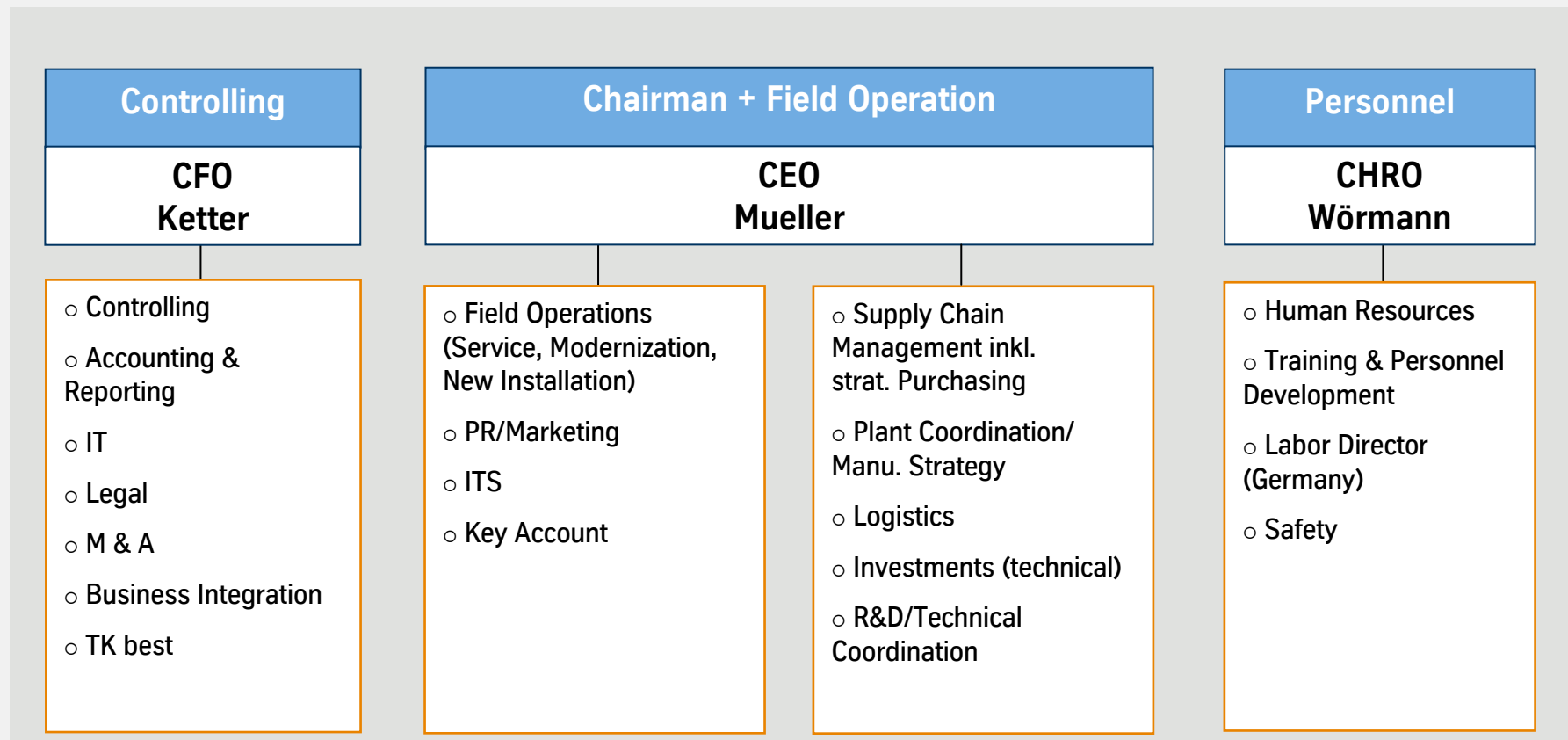
A/CH/EC	Benelux	British Islands	France	Germany	Nordic Countries	Russia/CIS
Austria, Czech Rep., Croatia, Hungary, Poland, Slovenia, Slovakia, Switzerland	Belgium, Luxembourg, the Netherlands	Ireland, UK	France, Monaco	Germany	Denmark, Finland, Sweden, Norway	Aserbaidshan, Kazakhstan, Russia, Ukraine

Operating Unit CENE



Operating Unit Headquarters – ThyssenKrupp Elevator (CENE) GmbH

Responsibilities of the Executive Board



Plant and RC Managers report to Executive Officers according to functional responsibility; furthermore they report directly to the Chief Executive Officer of the Operating Unit.

References

TWIN elevator projects: new installation

**Sky Office
Duesseldorf/Germany**

2 TWIN systems



**Rabobank HQ
Utrecht/NL**

8 TWIN systems



**Latifa Tower
Dubai/V.A.E.**

2 TWIN systems

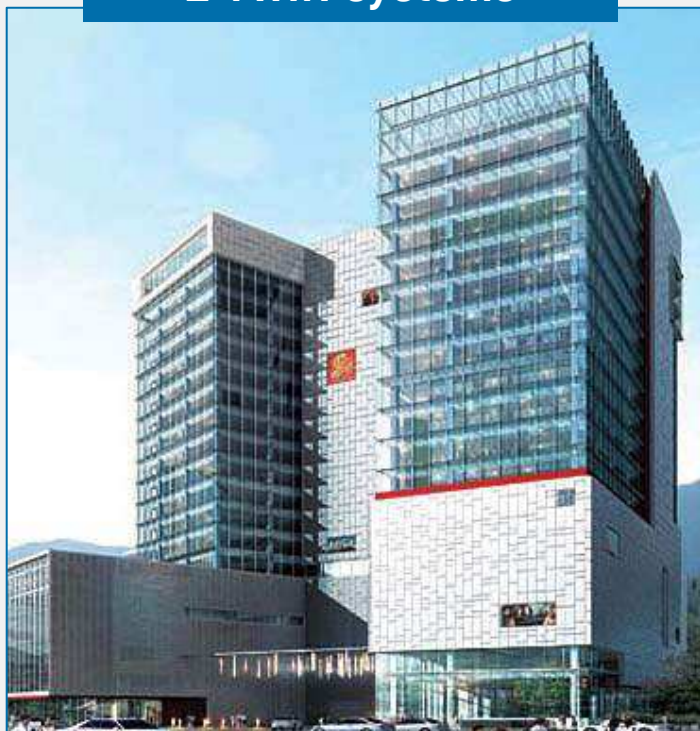


References

TWIN elevator projects: new installation

**Entertainment & Media Center
Seoul/South Korea**

2 TWIN systems



**Aqua Multiespacio
Valencia/Spain**

1 TWIN system



**TRUTEC Building
Seoul/South Korea**

1 TWIN system



References

Panoramic TWINs

Main Triangel, Frankfurt am Main

First panoramic TWIN systems worldwide

- Building height: 60 m
- From 7 to 15 floors
- 11 elevators systems with 13 cabins in total
- Thereof 2 panoramic TWINs with special equipment
- Speed: 2.5 m/s



References

New TWIN project

Federation Tower, Moscow, Russia

Biggest TWIN project worldwide

- Building height: 340 m
- 2 towers
- Up to 93 floors
- 31 elevators
- Thereof 22 TWINs with 44 cabins in total
- Maximum speed: 7.0 m/s



References

TWIN elevator projects: Modernization

**Dreischeibenhaus,
Düsseldorf/Germany**

2 TWIN systems



**BMW Group Headquarter, Korea Investment & Security
Munich/Germany**

4 TWIN systems



1 TWIN system



References

TWIN elevator projects: Modernization

**FSA Building,
London/Great Britain**

1 TWIN system



**Handsome Building,
Seoul/South Korea**

2 TWIN systems



Reference Projects 08/09

RC British Islands

Ropemaker Place, London

- New Installation (Hand over July 09)
- 23 floors
- 23 elevators and 8 escalators
- 3,000 kg Evolution goods elevators
- Group of 17 lifts with transfer floors and DSC
- Special interfaces with security (e.g. access to goods elevators)
- Combined elevator and escalator monitoring
- Special curved escalator cladding

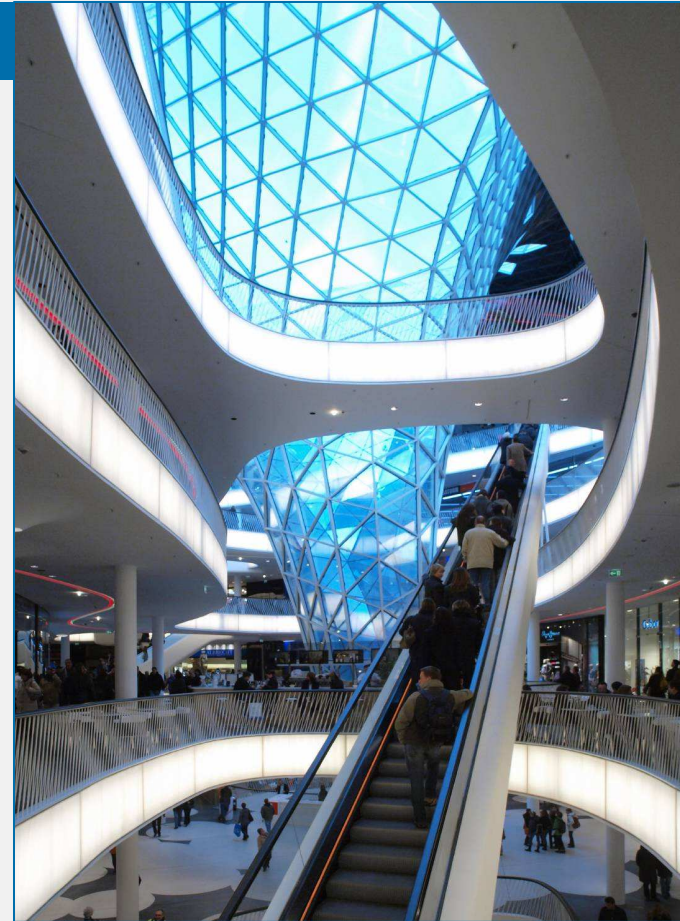


Reference Projects 08/09

RC Germany

My Zeil Shopping Center, Frankfurt a.M.

- New Installation (Hand over February 09)
- 6 floors
- 44 elevators and 28 escalators
- Longest express escalator in Europe
50 m long, rise of 21 m
Energy saving LED color change

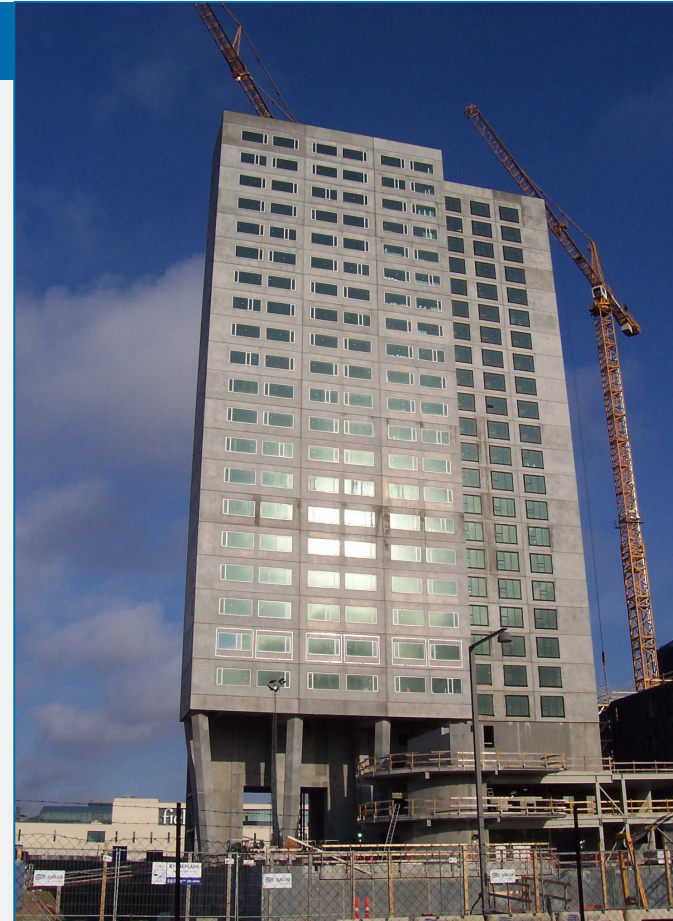


Reference Projects 08/09

RC Nordic Countries

Copenhagen Tower, Copenhagen

- New Installation (Hand over Autumn 09)
- Biggest Project in History of TKE Denmark in terms of contract volume
- One of the ten highest buildings in Denmark, 85 m, up to 27 floors
- 14 elevators and 2 platform lifts, thereof 6 High Rise MRL, 2,5 m/s, thereof one glass elevator
- Location of the Climate Conference in December 09



Reference Projects 08/09

RC Russia/Ukraine

River Mall, Moscow

- New Installation
(Contract signed June 09)
- 33 elevators, thereof 3 glass,
26 escalators, 12 moving walks
- Shopping and Entertaining
250,00 square meter
- High quality cabin design
- Hand over planned for 2010



References

New TWIN project

Royal London Hospital

First bed TWIN systems worldwide

- Up to 20 floors
- 42 elevators
- Thereof 5 TWIN systems with 10 cabins in total including 3 bed TWIN systems with 2,500 kg load capacity
- Speed: 2.5 m/s
- Completion: 2012



References

Germany

Commerzbank-Tower, Frankfurt

Tallest office building in the European Union

- Building height: over 300 m (incl. superstructure)
- 56 floors
- 30 elevators
- Maximum rise: 200 m
- Maximum elevator speed: 6 m/s
- Architect: Sir Norman Foster & Partner



References

Germany

Kollhoff Building, Berlin

Europe's fastest elevator

- Building height: 101 m
- 23 floors
- Elevator rise: 90.1 m
- Maximum elevator speed: 8.5 m/s
- Travel time: 20 seconds
- Architect: Kollhoff and Timmermann



References

Germany

Düsseldorf International Airport

More than 50,000 passengers per day

- 47 passenger boarding bridges
- 24 hydraulic elevators
- 28 traction elevators
- 31 escalators
- Monitoring systems
- Architect: JSK, Zbigniew Pszczulny



References

China

Shanghai World Financial Center

Fastest double-deck elevators in the world

- Building height: 492 m
- 101 floors
- 42 elevators
- Thereof 4 double-deck elevators with 10 m/s
- Architect: William Pedersen, Kohn Pedersen Fox



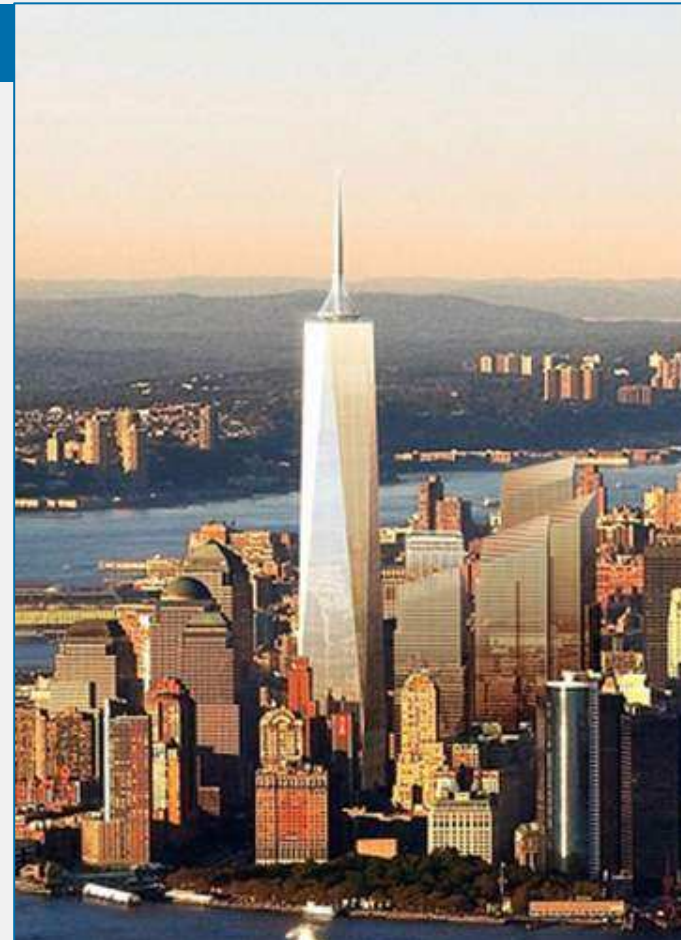
References

USA

Freedom Tower, New York

At the site of the former World Trade Center

- Building height: 541 m
- 105 floors
- 71 elevators (max. speed: 9 m/s)
- 9 escalators
- Long term maintenance contract
- Maintenance service on site: “24/7”
- Completion: 2014



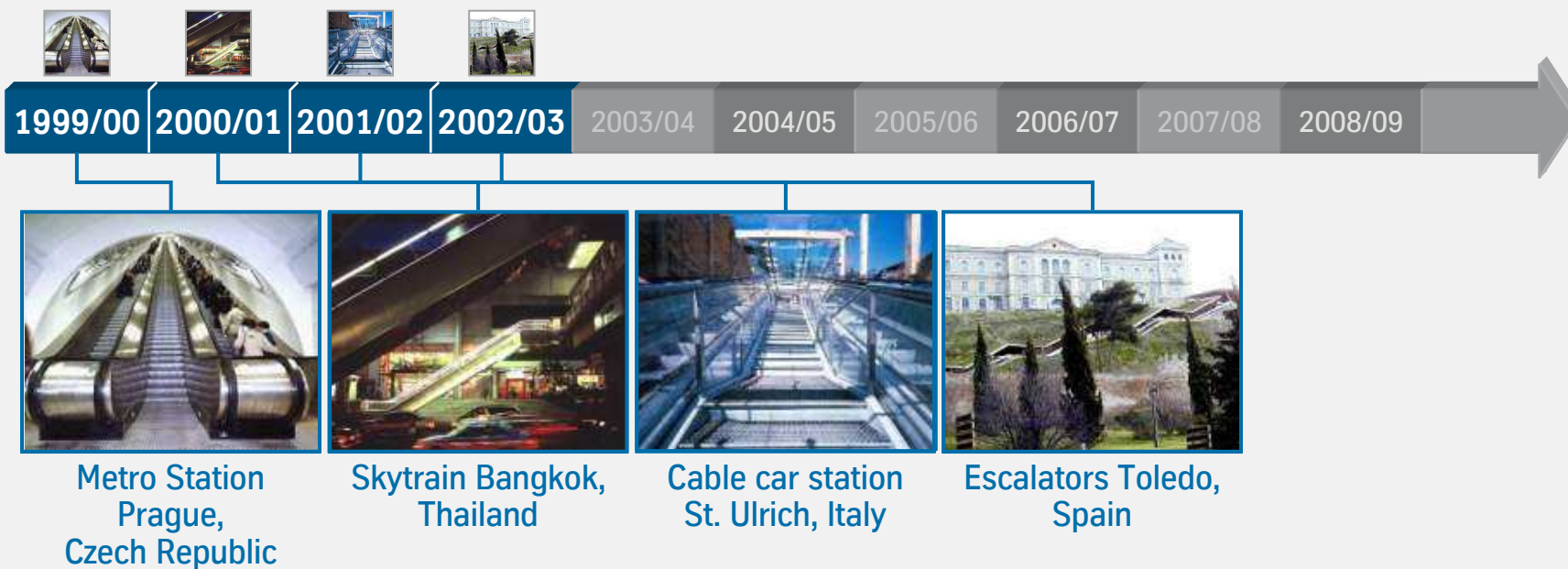
References

Service contracts in famous buildings around the world



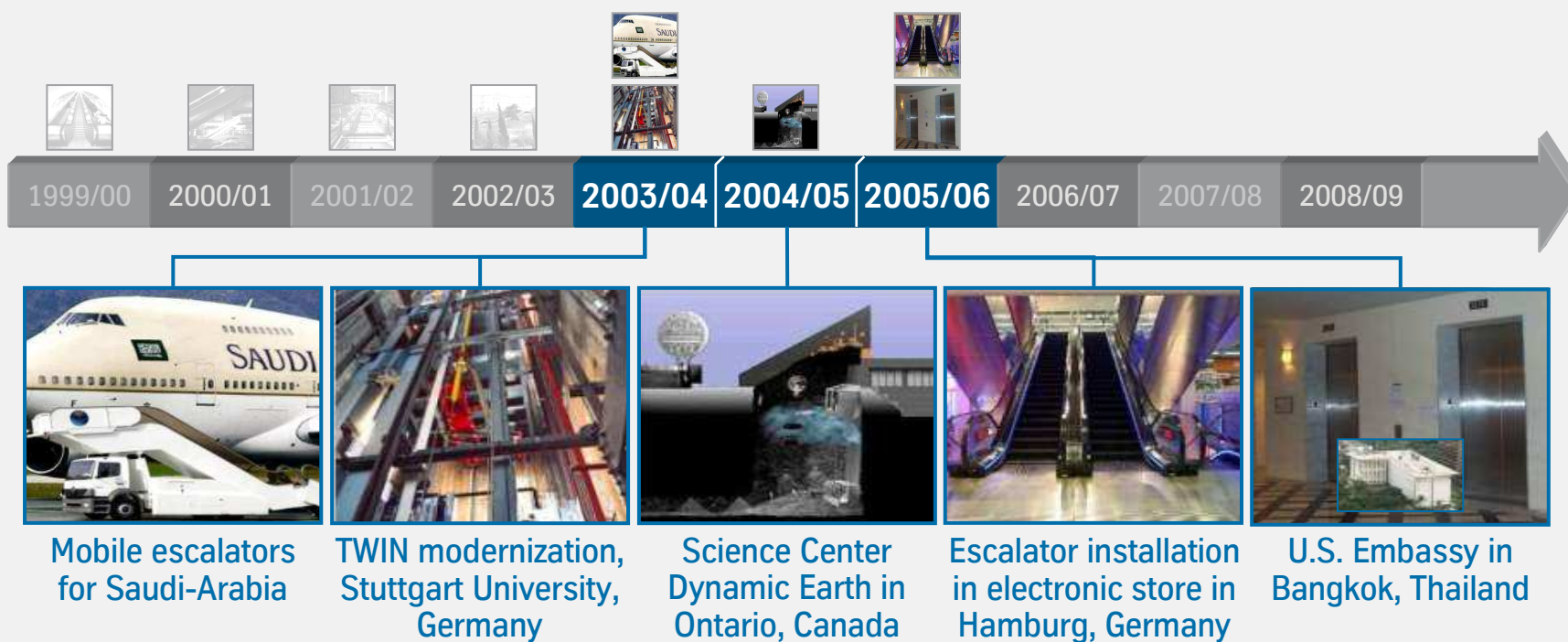
References

Elevator World - Project of the Year



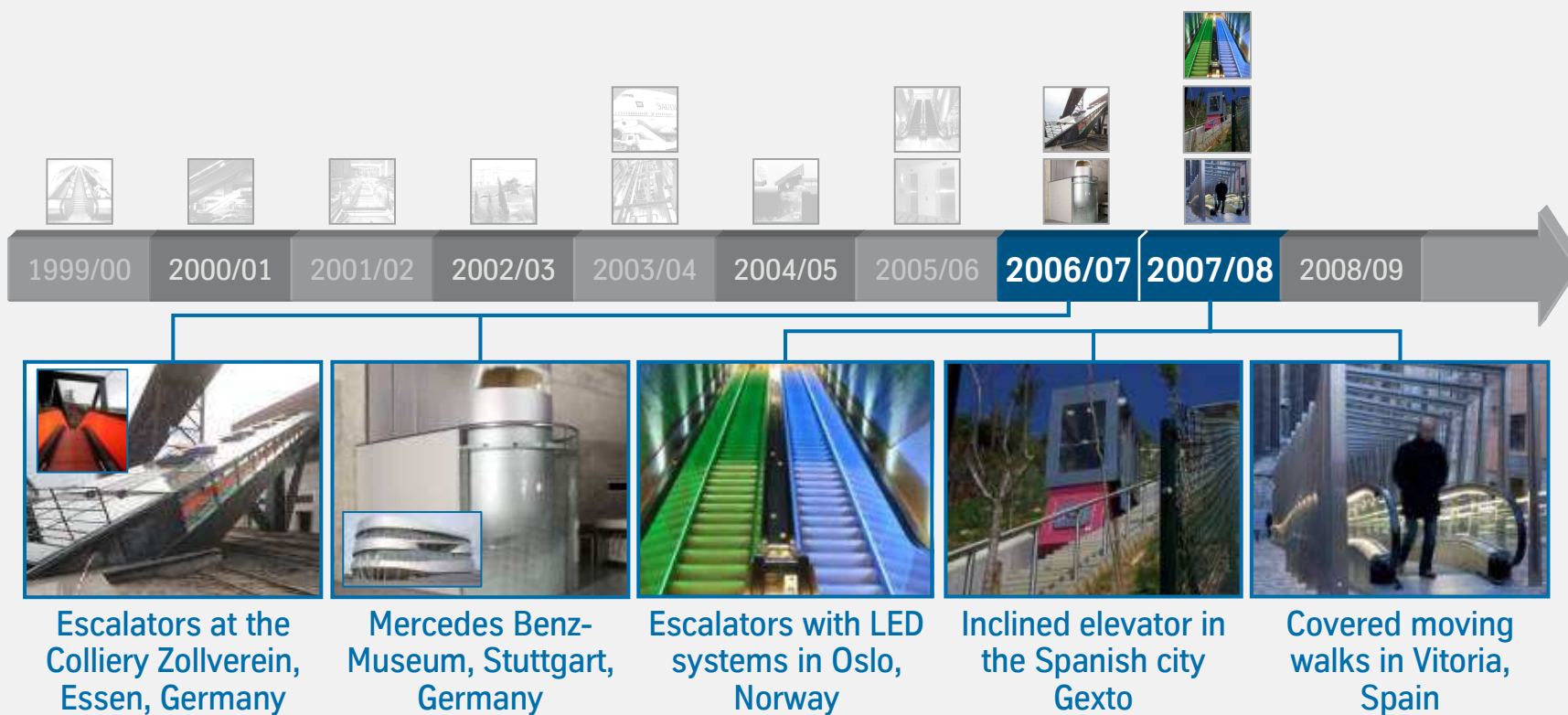
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Elevator World - Project of the Year



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Elevator World - Project of the Year

