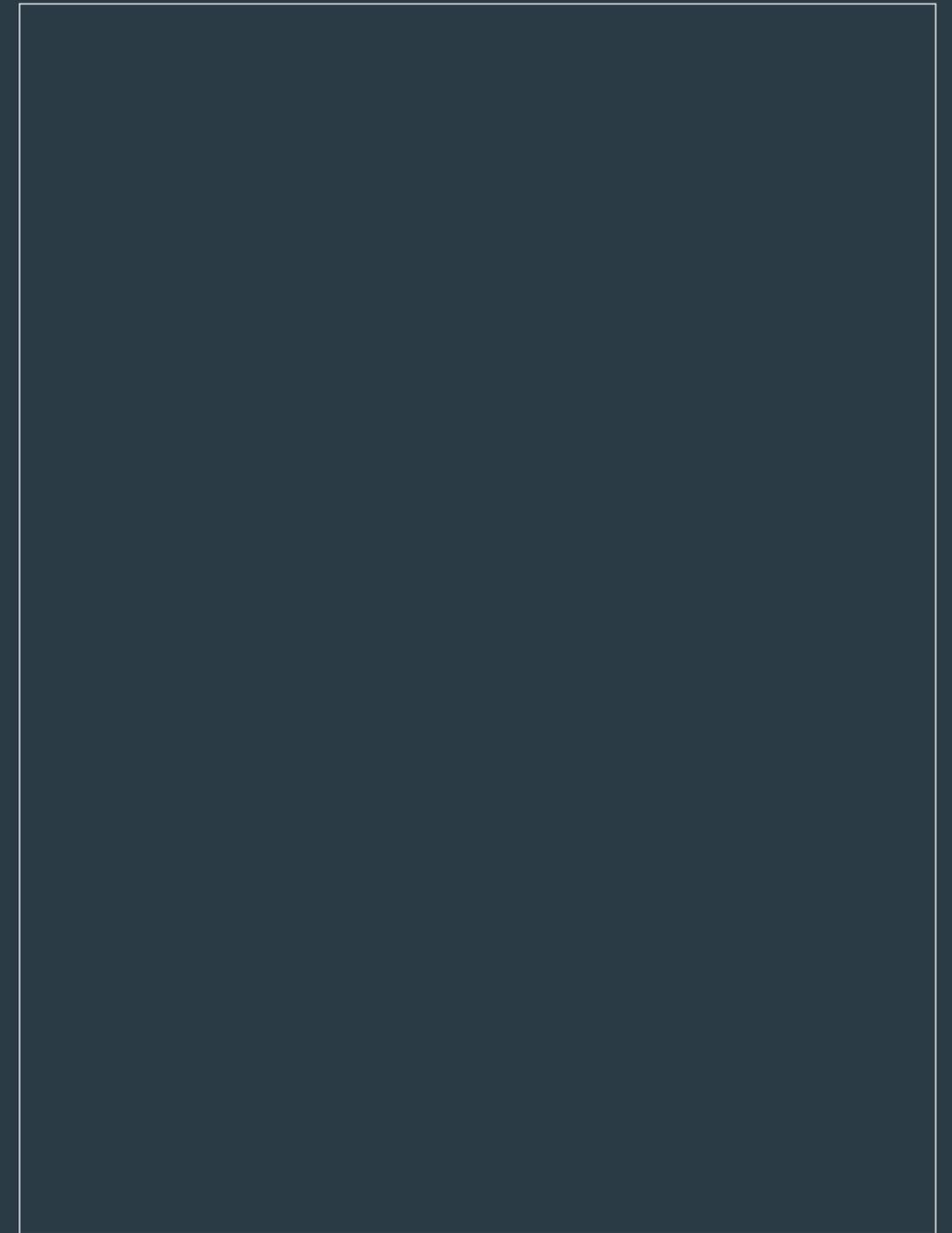


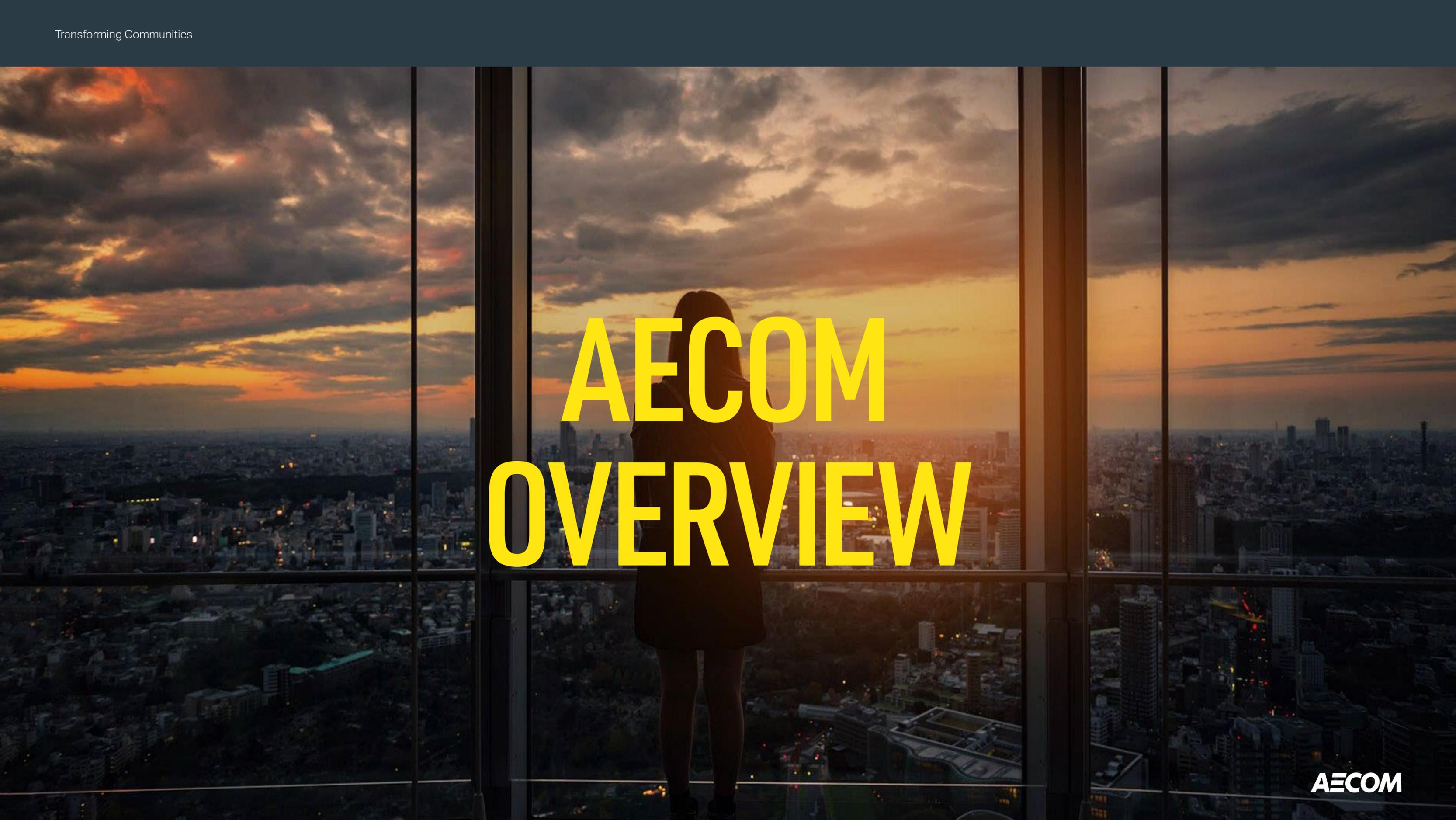
# TRANSFORMING COMMUNITIES

AECOM in BENELUX

# SECTORS

p22



A person with long dark hair, wearing a dark dress, stands on a high-rise balcony with a glass railing. They are looking out over a vast cityscape at sunset. The sky is filled with dramatic, orange and grey clouds. The city below is densely packed with buildings, some of which have lights on. The overall mood is contemplative and professional.

# AECOM OVERVIEW

56k

People

7

Continents

US\$20.2B

FY2018 revenue

US\$6B

Market cap  
(As of October 2019)

#157

Fortune 500

# IN NUMBERS

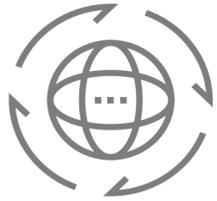
Featured on **Fortune's "World's Most Admired Companies"** five years in a row

**Ranked #1** in Transportation and General Building in **Engineering-News Record's** 2018 "Top 500 Design Firms"

Recognized by VIQTORY as a 2019 **Military Friendly® Gold Employer**

Received a perfect score on the **Human Rights Campaign Foundation's** Corporate Equality Index

# OUR BUSINESSES



## DESIGN AND CONSULTING SERVICES (DCS)

**Connecting disciplines and resources to deliver innovative solutions**

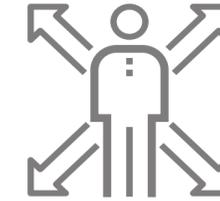
Planning, architectural and engineering design, and consulting services.



## CONSTRUCTION SERVICES (CS)

**Building the most iconic, complex structures ever conceived**

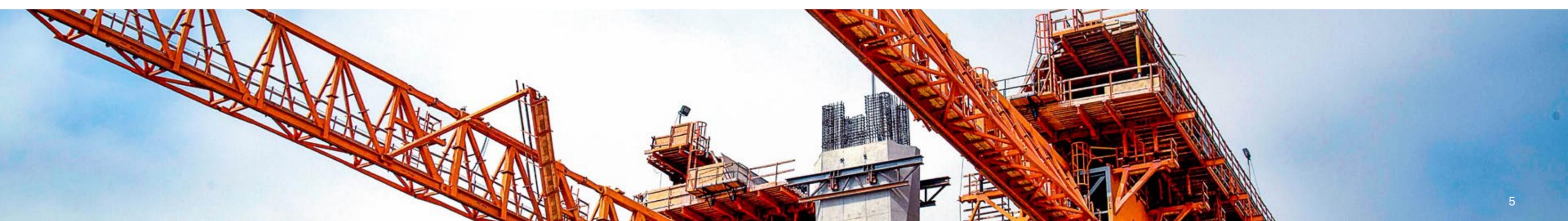
A full suite of construction services to build, modernize and expand projects anywhere in the world.



## AECOM CAPITAL

**Discovering new opportunities together**

Invests in real estate, infrastructure and public-private projects and participates as a partner to advance projects with clients.

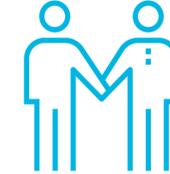


# BENEFITS OF THE AECOM PLATFORM



## GEOGRAPHIC DIVERSIFICATION

Proven delivery platform  
in over 150 countries



## STRONG BONDING CAPACITY

Positioned win the at-risk  
megaprojects of today



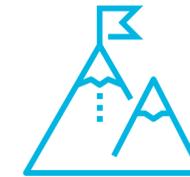
## SECTOR DIVERSIFICATION

Balanced portfolio across  
horizontal and vertical markets



## INTEGRATED AECOM PLATFORM

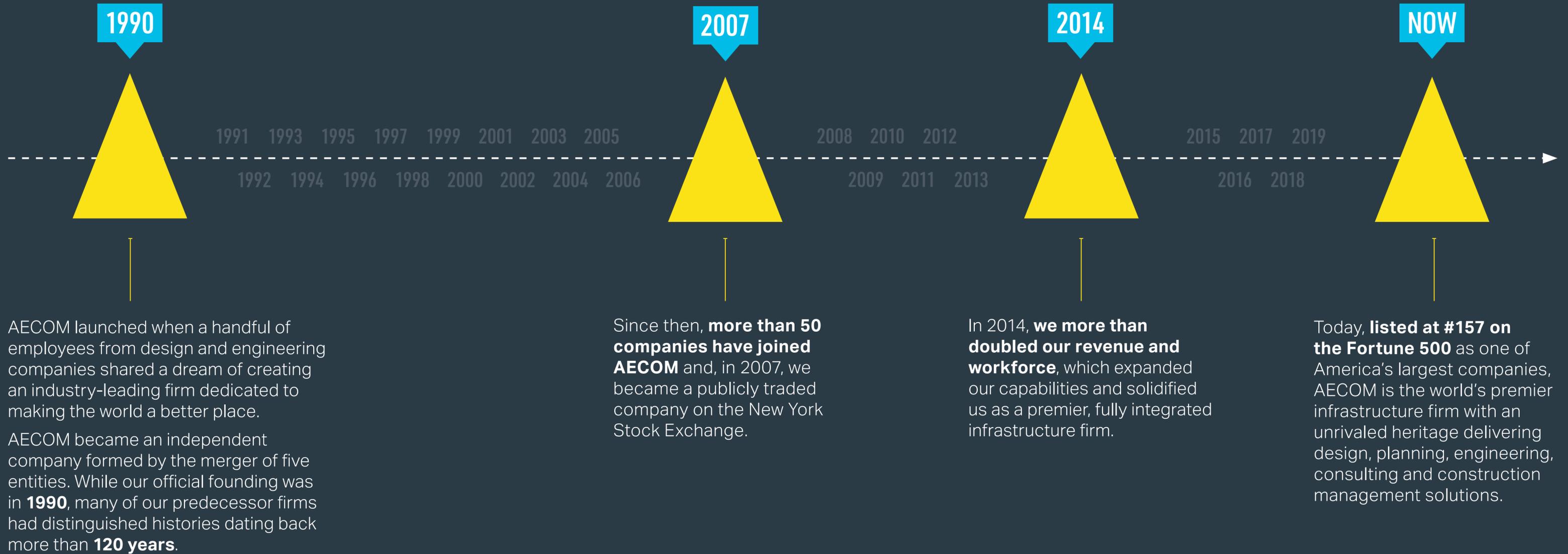
Unrivaled access to global  
clients and partners



## HISTORY OF SUCCESSFUL INTEGRATIONS

Strong record of unlocking  
greater growth from acquisitions

# A BRIEF HISTORY



# OUR VALUES

Our values define who we are, how we act and what we aspire to:



## Safeguard

We operate ethically and with integrity, while prioritising safety and security in all that we do.



## Collaborate

We build diverse teams that connect expertise to create innovative solutions.



## Deliver

We grow our business through operational excellence and flawless execution.



## Anticipate

We understand the complexity of our clients' challenges and help them see further.



## Inspire

We develop and celebrate our people, and elevate the communities we touch.



## Dream

We transcend the industry by reimagining what is possible — and realizing it.

# ICONIC PROJECTS

**Strachan Avenue Grade Separation**  
Toronto, Canada

## **ONE WORLD TRADE CENTER** **NEW YORK, NEW YORK, U.S**

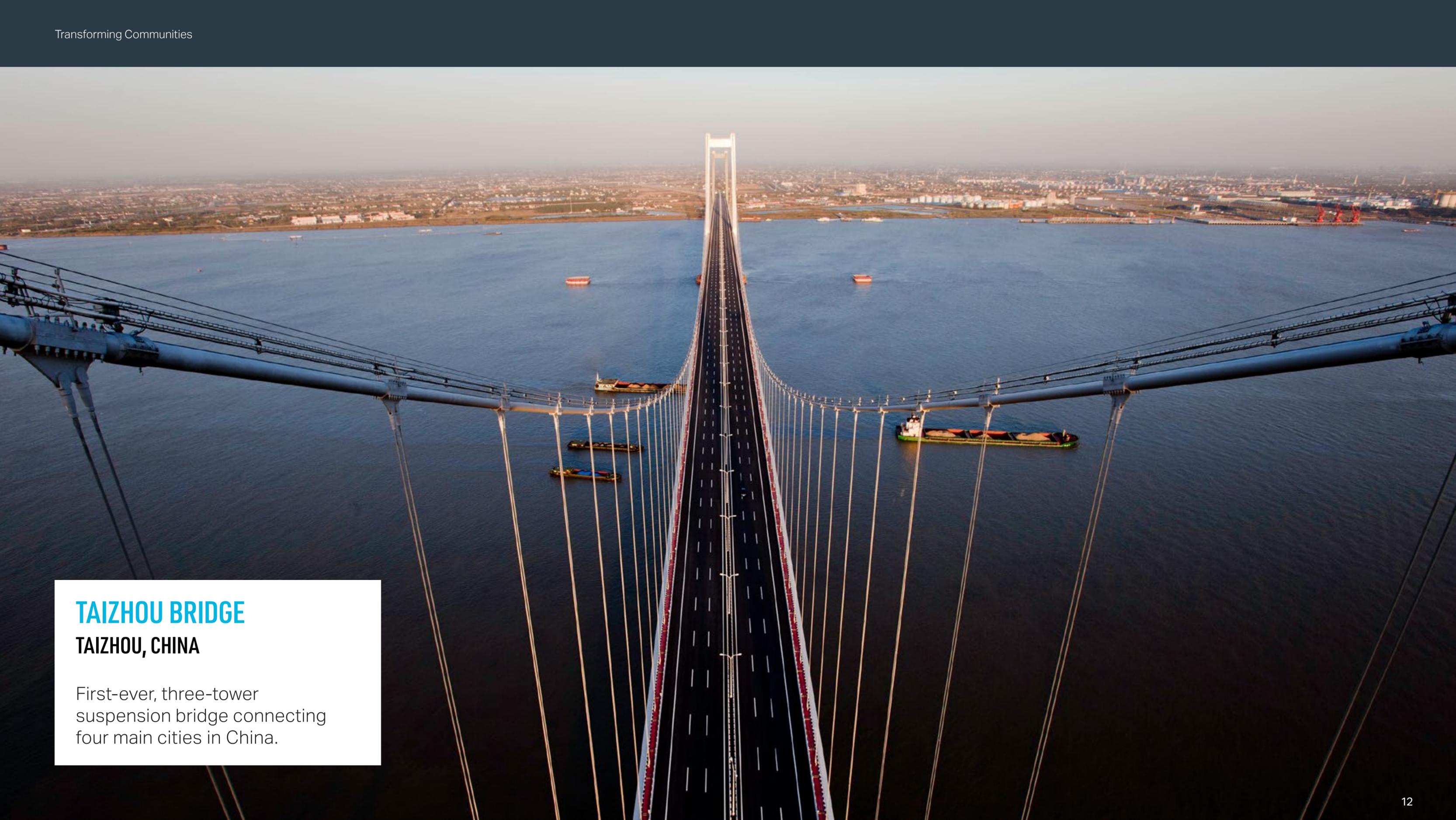
Tallest building in the Western Hemisphere standing 1,776 feet high. Its sheer size, geographic constraints and operational necessities make it one of the most complex projects ever built.

## HYPERLOOP TECHNOLOGIES

### NEVADA, U.S.

Imagine traveling at airline speeds for the price of a bus ticket. AECOM is the only infrastructure company in the world to have planned, designed and constructed Hyperloop projects.





## TAIZHOU BRIDGE

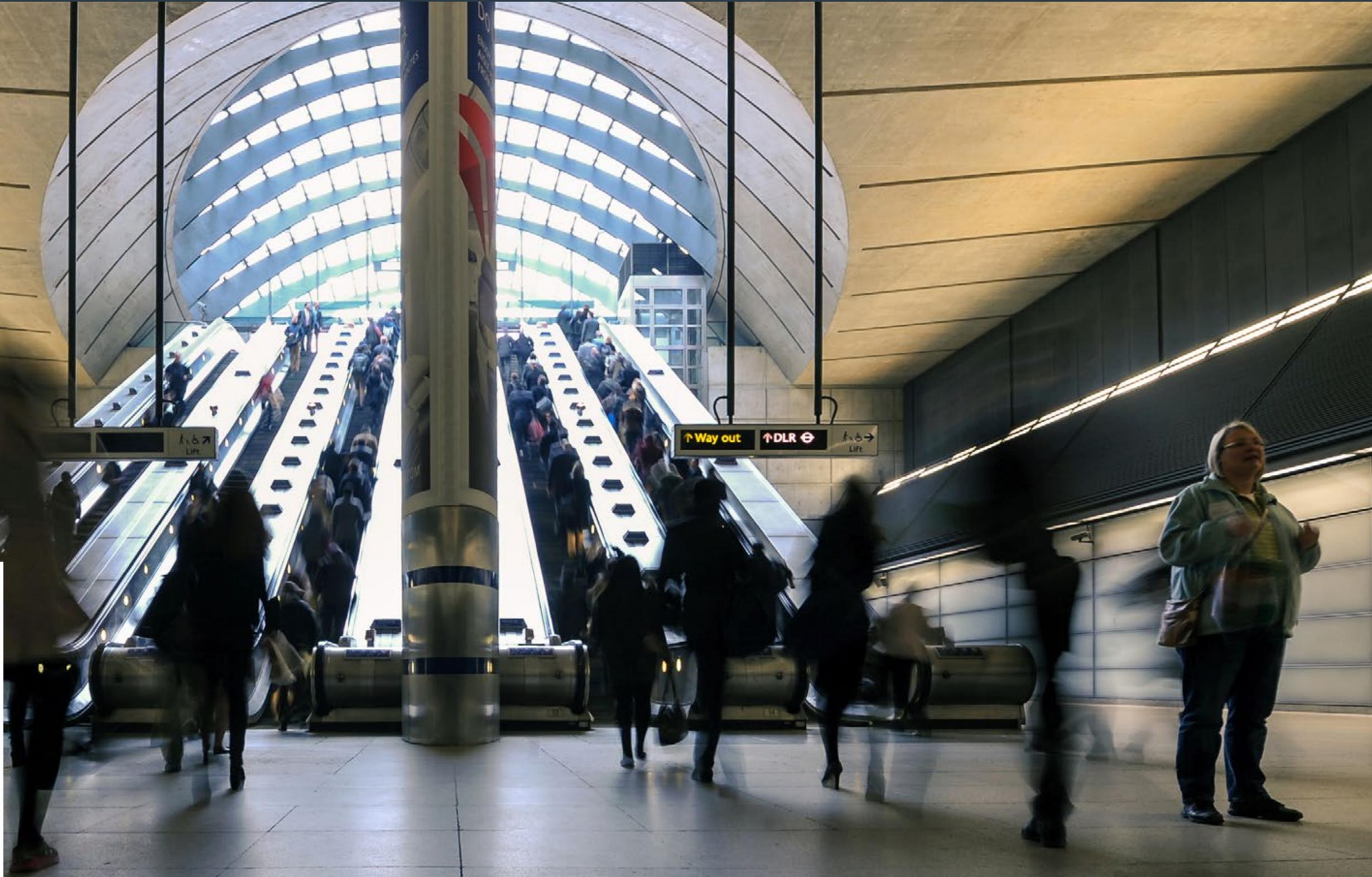
### TAIZHOU, CHINA

First-ever, three-tower suspension bridge connecting four main cities in China.

## CROSSRAIL LONDON

### LONDON, UK

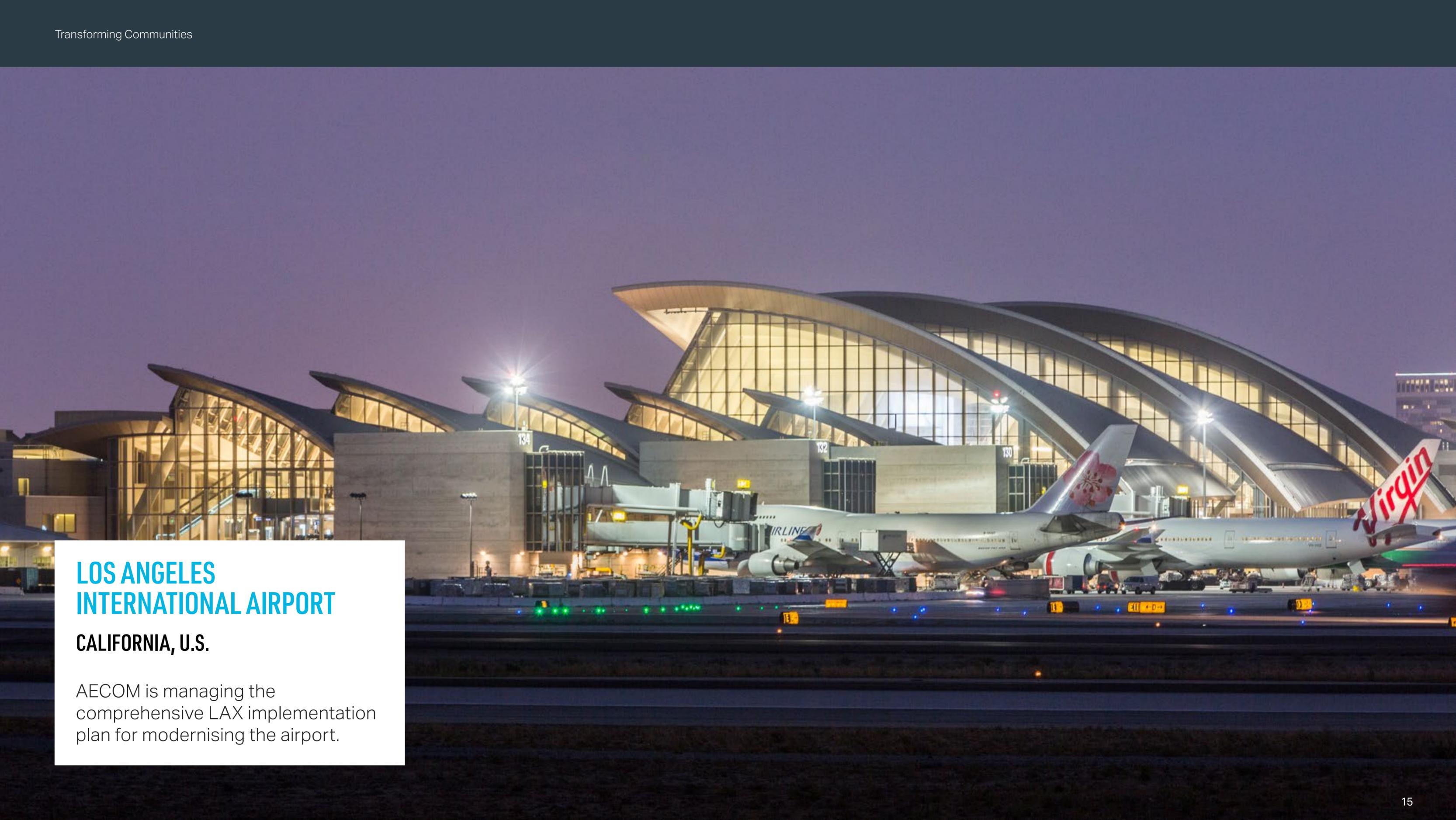
Largest construction project in Europe, stretching more than 62 miles from Maidenhead and Heathrow Airport in the west of London with Shenfield and Abbey Wood in the east.



## RIO 2016 OLYMPIC AND PARALYMPIC GAMES

### RIO DE JANEIRO, BRAZIL

AECOM won an international competition to design the Games' master plan, which included three stages: games, transition and legacy.



## LOS ANGELES INTERNATIONAL AIRPORT

**CALIFORNIA, U.S.**

AECOM is managing the comprehensive LAX implementation plan for modernising the airport.

# AECOM IN BENELUX

# AECOM IN BENELUX



**3**

Offices



**150+**

Employees



**€73.6M**

Annual revenue  
(2019)

## SERVICES:

- Project and Construction management
- Architecture and engineering
- Health and safety services
- Sustainability consultancy
- Soil & Groundwater studies
- Permitting and Environmental Impact Assessments

## SECTORS:

- Industrial & Energy
- Commercial & residential
- Infrastructure
- Pharmaceutical
- Aviation
- Oil & Gas
- Logistics
- Water
- Ports & marine

### The Hague

**Office:**  
HNK Den Haag  
Oude Middenweg 17  
2491 AC Den Haag  
Tel.: +31 70 240 08 98

### Ghent

**Office:**  
Bedrijvencentrum De Punt  
Kerkstraat 108, 2nd floor  
9050 Gentbrugge  
Tel.: +32 (0) 9 272 79 56

### Leuven

**Office:**  
Maria Theresiastraat 34 a  
3000 Leuven  
Tel.: +32 (0) 16 46 86 60

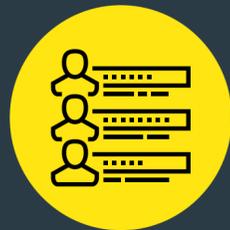


# OUR APPROACH

We want to understand what is important to you.



We combine local knowledge with global expertise.



We have the experience, skills and expertise to meet some of the world's most complex challenges.



Our services are holistic and range from planning and permitting to engineering and construction as well as operations, maintenance, decommissioning and closure services.



Our clients include some of the largest blue chips and fortune 500 companies from consumer goods to oil and gas.



We work closely alongside our clients to deliver solutions that meet their business and operational needs.



Our reputation is based on our professional skills and our ability to manage complex projects, demanding deadlines and challenging budgets.

Our ability to appreciate the bigger picture means we focus on the successful delivery of the projects in hand, while also appreciating your key drivers, your goals and objectives from a broader perspective.

## EVERY LOCATION

Where you have assets, we have a substantial presence.

## EVERY DISCIPLINE

You require, we can provide it.

## EVERY PROJECT

You need executed, big or small, we can deliver it.

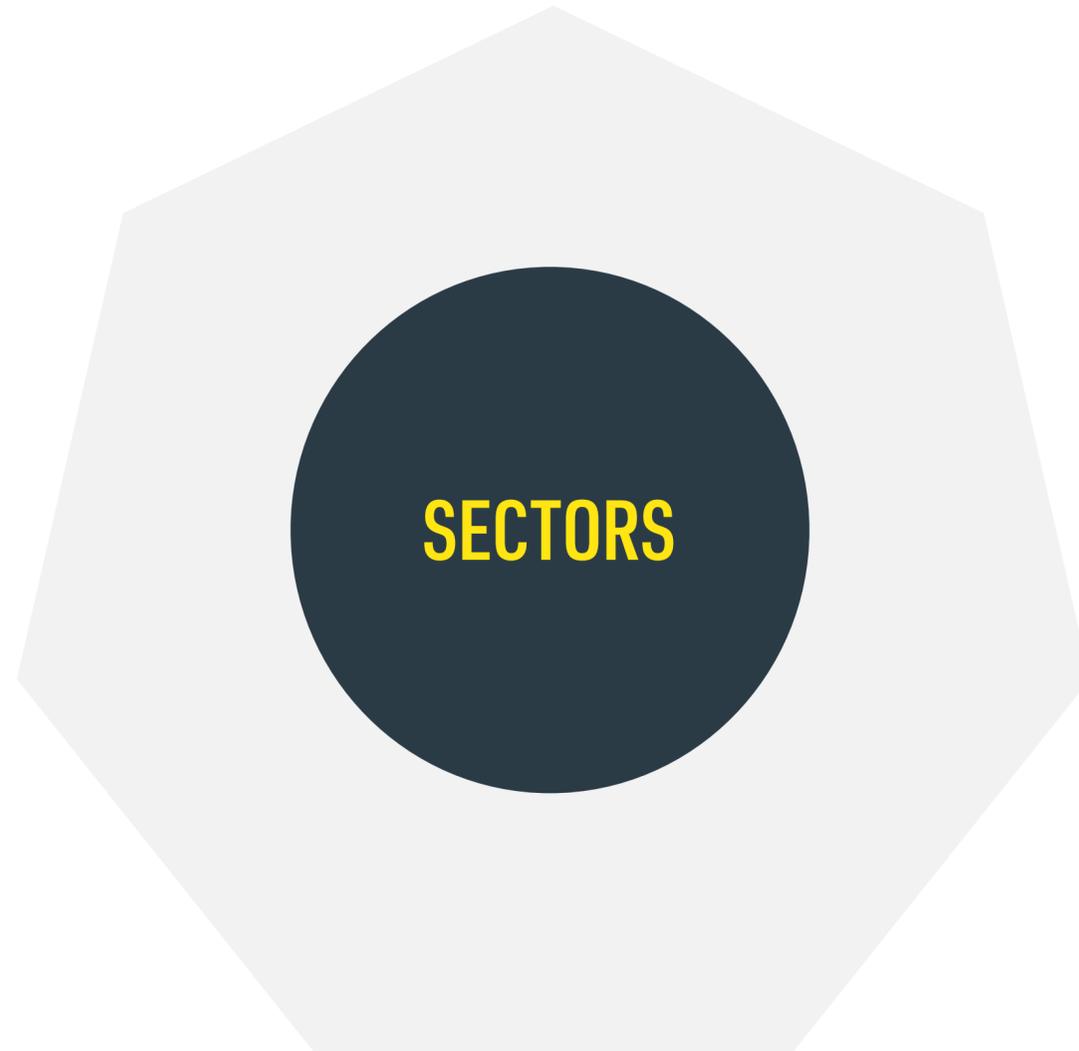
## EVERY CHALLENGE

That arises, we'll work with you to solve it.



# SELECTED EXPERIENCE

**McLoughlin Point Waste Water Treatment Plant**  
Victoria, British Columbia, Canada





# NEW SCHIPHOL PIER

## AMSTERDAM AIRPORT, NETHERLANDS

AECOM was appointed to provide Integrated design and project management services. The new pier is expected to be operational in late 2019 and will give Schiphol eight new gates. With an area of 50,000 square metres. There will be five new gates for narrow-body aircraft on the north side, while the south side will have three gates for wide-body aircraft, which can also be used to connect six narrow-body aircraft. In a later stage, two additional wide-body gates will be created on the south side of the new pier.

### Main design disciplines coordinated:

- Airfield
- Structures
- Architecture
- Electrical
- Systems



AVIATION

# PROGRAMME AND LOGISTICS FOR SCHIPHOL CAPITAL PROGRAMME

## AMSTERDAM, NETHERLANDS

Schiphol appointed AECOM as PMCM for the “programme and logistics” lot of their Capital Programme. The Logistics Project for the Capital Programme includes the site-wide logistics management of the logistics supply chain including the site facilities management of the logistics hub and the movement of people, goods and equipment for construction. AECOM will be the “conductor” for all the Capital Programme projects illustrated in the attached figure and to be delivered until 2024.

### Key activities:

- Construction of the logistics hub
- Construction of the service roads
- Provide hub logistics services to facilitate all upcoming projects
- Manage the interfaces affecting the logistics and the hub



**COMMERCIAL &  
RESIDENTIAL**

# Y-TOWERS

## AMSTERDAM, NETHERLANDS

**Scope:** AECOM is appointed as PMCM partner for the real estate developer of the Y-tower and acts on behalf of the client.

The Y-towers are two 100+ meter towers with a residential tower and a hotel tower. These towers are linked by a four storey plinth providing congress and conference facilities. The building includes two storey basement with parking.

### Key activities:

- Project Management
- Procurement & contracts
- Health & Safety
- Construction management
- Planning
- Cost control
- Design
- Quality and assurance



**COMMERCIAL &  
RESIDENTIAL**

## **NOVARTIS TULIP**

### **AMSTERDAM, NETHERLANDS**

AECOM performed design and construction services for Novartis new offices in Amsterdam. Our team of experts covered anything from feasibility studies, to developing the look and feel for the office spaces of this 3 600 sqm real estate, as well as HSSE, project and construction management. AECOM developed the feasibility study and validated the full design package against local regulations and developed the Look and Feel for the spaces. During execution, the team acted as general contractor leading the execution phase until handover and close-out.

#### **Key activities:**

- Design services: space planning, design concept, detailed drawings, construction drawings
- Furniture procurement support
- Project management
- Construction management
- Quality control on site
- Health and safety
- Permitting



## SHELL HQ

### THE HAGUE, NETHERLANDS

Refurbishment of 65,000 square metres of office accommodation in the historic centre and construction of almost 25,000 square metres of new office accommodation on a very restricted and complex City-Centre site.

#### **Key activities:**

- Design services
- Budget and planning
- Project management
- Construction management
- Risk management
- Quality and assurance



**COMMERCIAL &  
RESIDENTIAL**



# NH HOTELS REFURBISHMENT OF SIX HOTELS

## BENELUX

AECOM was appointed to provide design and project and construction management services for the refurbishment of six NH hotels across BENELUX including full internal and external refurbishment.

### Hotels included in the programme:

- NH Atlanta, Brussels: 3\*, 238 rooms
- NH Arembourg, Brussels: 4\*, 34 rooms
- NH Maastricht, Maastricht : 4\* , 263 rooms
- NH Barbizon, Amsterdam: 5\*, 260 rooms
- NH Doelen, Amsterdam: 4\*, 85 rooms
- NH Utrecht, Utrecht: 4\*, 276 rooms



**COMMERCIAL &  
RESIDENTIAL**



## ENERGY

# SHELL RETAIL NETWORK BENELUX – INTEGRATED DELIVERY

## BENELUX

**Scope: EPCM and FMC services** for Shell Retail's Capital Development Programme in BENELUX (Netherlands, Belgium, Luxembourg).

**Main activities:** design, engineering, procurement, construction services to Shell with an „end to end“ delivery process with a focus on safety and operational excellence, which is covering the entire Shell network across BENELUX. For this, a multi-site program management team has been built up. Projects are very diverse, going from new retail stations, installation of electrical chargers, hydrogen and LNG stations, asset integrity, and maintenance activities.

### Key activities:

- Project Management
- Procurement & contracts
- Health & Safety
- Construction management
- Planning
- Cost control
- Design
- Quality and assurance



**ENERGY**

# SHELL EV CHARGERS ROLL-OUT

## BENELUX

**Scope:** Deliver 200 Ultrafast Fast Electric Vehicle Chargers for Shell as part of EPCM services, Netherlands.

**Main activities:** design, engineering, procurement and construction services to Shell with an „end to end“ delivery process with a focus on safety and operational excellence.

AECOM has been appointed to deliver ultrafast electrical vehicle (EV) 150kW fast chargers across the Netherlands. Allowing more people to charge their cars on the go, a total of 200 fast chargers – under the brand name Shell Recharge - will be available on Shell forecourts.

**Key activities:**

- Project Management
- Procurement & contracts
- Health & Safety
- Construction management
- Planning
- Cost control
- Design
- Quality and assurance
- Permitting



## BLUE GATE REMEDIAL STRATEGY

### ANTWERP, BELGIUM

AECOM's environmental experts have developed the remedial strategy to clean up Blue Gate, a former petrochemical 100-hectare brownfield site in Antwerp. Some 305,000m<sup>3</sup> of soil is contaminated with TPH, and 2,500m<sup>3</sup> with LNAPL. Around 1 million m<sup>3</sup> contains elevated concentrations of PAHs and heavy metals.

Our remediation specialists used a number of strategies to minimise the project's environmental footprint and enable the sustainable development of the site. Digital monitoring solutions included drones, a smartphone app and an extensive computer database. An on-site laboratory test was created to enable decision making regarding the re-use of contaminated soil on the site.



ENERGY



## ENERGY

# SERVICE STATION

## ZEVENAAR, NETHERLANDS

AECOM assisted the new owners of a service station in Zevenaar (Netherlands) in their path to closure of the site. The site contained residual contamination from a previous remediation in the late 1990's underneath the forecourt and shop. Partnering with a contractor, AECOM fully decommissioned the site followed by the remediation of the residual contamination under difficult technical (intensive dewatering required due to the presence of a very permeable aquifer at depth, surrounding buildings, roads and utilities...) and operation (access requirements of the neighbours, small plot...) constraints.

A maximum of contaminated soil was removed (approx. 700m<sup>3</sup>), the excavation pits were backfilled and the site was returned to the owner to be carried over back to the municipality.

After 1.5 years of negotiation with different stakeholders (municipality, client, environmental agency) the works were performed in the period May – July 2019.



# SYNGENTA R&D CENTRE ENKHUIZEN

## NETHERLANDS

AECOM provided integrated engineering procurement and construction management (EPCM) services for the expansion of the existing Syngenta site in Enkhuizen, Netherlands.

The project consists of seed production and supply facility and a technology and R&D center. The total area is approximately 20,000 square meters. The delivery was based on the ONE AECOM delivery model with the design being produced by the AECOM Industrial Center of Excellence and all the project and construction management services provided by the local AECOM team based on-site with the client.



**INDUSTRIAL**



# ALIBABA (CAINIAO) EHUB

## LIÈGE, BELGIUM (2019-2021)

**Main services:** design, engineering, procurement and construction management delivered by our local project management team in combination with our design international teams from the Global Design Excellence centre in Madrid, Spain. The client has chosen to opt for the D&B delivery model contracted through the FIDIC Yellow Book.

**Timeline:** 2019 to 2021

### Key activities:

- Project Management
- Procurement & contracts
- Health & Safety
- Construction management
- Planning
- Cost control
- Design
- Quality and assurance



LOGISTICS



# DHL WAREHOUSES WIJCHEN

## NETHERLANDS

AECOM delivered project and construction management for the construction of a new warehouse of 22,500 square meters in Wijchen, Netherlands for the storage of pharmaceutical products. AECOM acted as single point of contact for DHL and managed all the different stakeholders from design consultants to contractors and facility management.

### **The building will be temperature controlled over the ranges:**

- Frozen: -20°C
- Chill: 2-8°C
- Temperature controlled ambient: 18-26°C

### **Key activities:**

- Project management
- Construction management
- Scheduling
- Budget and cost management
- Stakeholder management
- Risk management
- Quality and assurance during execution



**LOGISTICS**



# PURNA PHARMACEUTICALS

## BELGIUM

Our experts are supporting Purna Pharmaceuticals with operational on-site environmental, health and safety (EHS) management. Work includes conducting safety meetings, site inductions, toolboxes and assisting with the implementation of client's procedures. We've also enhanced and finalised the emergency preparedness plan and coordinated evacuation exercises.

Our specialists are also refining the EHS management system through, among others, following up internal and external audits and driving the closure of outstanding actions.



PHARMACEUTICAL

## ABOUT AECOM

AECOM is the world's premier infrastructure consulting firm, delivering professional services throughout the project lifecycle – from planning, design and engineering to consulting and construction management. We partner with our clients in the public and private sectors to solve their most complex challenges and build legacies for generations to come. On projects spanning transportation, buildings, water, governments, energy and the environment, our teams are driven by a common purpose to deliver a better world. AECOM is a Fortune 500 firm with revenue of approximately \$20.2 billion during fiscal year 2019. See how we deliver what others can only imagine at [aecom.com](http://aecom.com) and [@AECOM](https://twitter.com/AECOM).

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