

Opening opportunities with connected thinking.

Turning the obstacles
you face into sustainable
infrastructure and
development solutions.



Sharing your ambitions

We're a global engineering, management and development consultancy focused on guiding our clients through many of the planet's most intricate challenges.

The needs of the world's population are changing fast. Our network of experts, active in 150 countries, finds opportunities in complexity, turning obstacles into elegant, sustainable solutions. By looking at problems from a fresh angle, we aim to add value at every stage, for our clients – you – and the lives you touch every day.

Improvement is at the heart of what we offer: better economic development, better social and environmental outcomes, better businesses and a better return on your investment.

In partnership with you, we establish the steps to meet your strategic ambitions, using analytical front-end advice that helps you fund, plan, design, deliver and sustain your goals.

Advice that adds advantage

Our engineers, project and programme managers have taken lead roles in the world's highest profile infrastructure and development projects.

Yet design and management are just the tip of a deep iceberg. Our clients have access to the vast knowledge of internationally recognised environmentalists, planners, economists, project finance advisors, cost consultants, business

strategists and more. They work with each other and with you to save money and time, reduce risks, increase efficiency and advance best practice.

Whatever you need, you can be confident that Mott MacDonald will find efficient and creative ways of meeting your ambitions, and beyond.

“A core aim is to make a sustainable difference to the world we live in. That translates into a focus on understanding our clients and their customers, to deliver outcomes that add value.”

Keith Howells
Group chairman

City of tomorrow

With one of the world's fastest growing economies, and populations, Indian premier Narendra Modi has set the goal of developing 100 'smart cities' – socially inclusive, high tech, environmentally sustainable and economically prosperous. Mr Modi launched a national competition to find the best smart city proposal and qualify for the first tranche of development funding – a competition with a 100 day deadline. With the clock ticking, historic Jaipur called on us in partnership with EY to develop a plan. It was created in close consultation with the citizens of the Pink

City, and with outstanding results: Jaipur came in ahead of 97 rival cities and is lined up for transformation into a smart city for the next generation of Indians.

Project
Jaipur Smart City

Location
Rajasthan, India

Client
Jaipur Nagar Nigam

Expertise
Stakeholder engagement and urban master planning



Connecting with your world

Whatever your needs or ambitions and wherever in the world you are, we can align the right combination of expertise.

Working with us you get the advantages of size and stability that come from a US\$2bn organisation. We employ over 16,000 people, delivering projects in Africa, Asia Pacific and Australasia, Europe, the Middle East, North and South America, and South Asia. But you get the kind of openness, friendliness and personal commitment you might associate with a much smaller business.

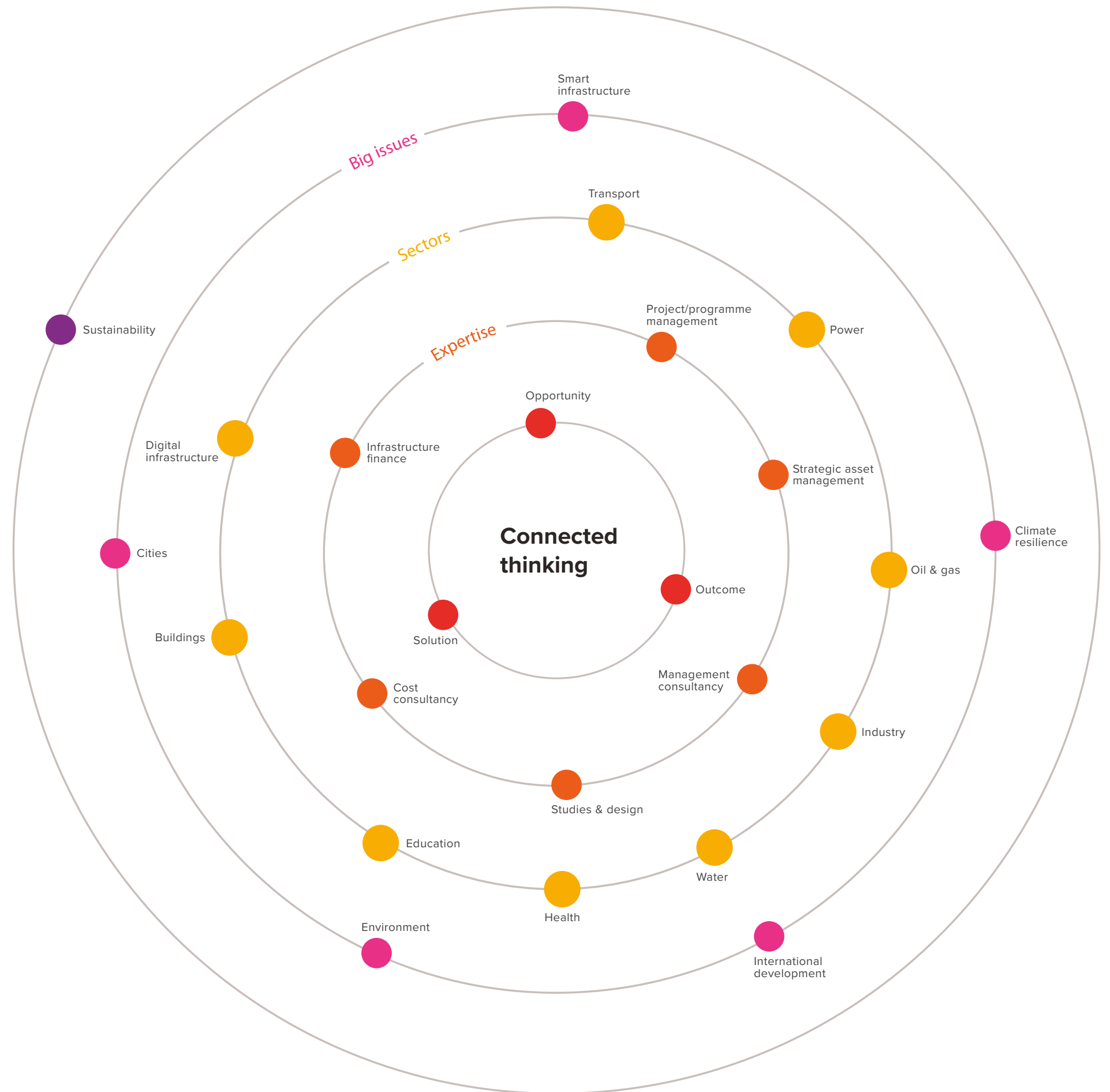
Here for you

Mott MacDonald's universe of creative thinkers is centred around our clients – you. We're joined-up across sectors and geographies, giving you access to exceptional breadth and depth of expertise and experience. Over 80% of the work we do is for long-term or repeat clients, which we think underlines the great service we offer.

“Reaching out through our professional practice networks you can find a world expert in minutes.”

Cathy Travers

Business development director
for Europe and Africa



Doing what is right

Being employee-owned frees us to choose the work we take on and focus on the issues that are important to you – and us.

This means that our clients get the very best from us because we want to do a great job – the right job. We're not in business to make the most profit for external shareholders. There are no external shareholder priorities to influence our decision making. We're independent in thought and action, which means we advise you what is genuinely right for your business, not what is easy either for you or for us.

Our people stay with us because they have a stake in the company – we have a retention rate of over 90% for senior staff. So you can be confident that if you like working with someone it's likely they will be with us for your next job, and the one after that.

Transparency and trust

We insist on the highest standards of integrity in all we do. We were the first consultancy firm to be certified to BS 10500, the UK's anti-bribery management standard, recognised as the most stringent in the world. This assurance of fairness, openness and honesty applies to all our staff, subconsultants and suppliers internationally. The result is that we are trusted and respected for our integrity and the high quality of everything that we do.

Building and sharing knowledge

Our ownership model empowers us to invest in increasing our knowledge and in technologies, enabling us to share that knowledge – contributing to better outcomes for our clients. It also encourages us to be creative, open to fresh thinking and to implement new ideas quickly, so you benefit sooner.

“What sets Mott MacDonald apart? Our ability to see beyond simple solutions by working with and understanding our clients, by pushing boundaries and by thinking laterally to find connections that others fail to make. In short, by having the best technical skills and thought leaders, to create outcomes which enhance value for you, your stakeholders and society.”

Mike Haigh

Managing director for Europe and Africa

Clean winner for London

When it came to designing the mechanical equipment and three of the five huge shafts on London's biggest environmental improvement project, completely fresh thinking was needed to meet tough performance criteria within a very tight budget. The result: Major materials savings, reduced construction risk, lower whole-life costs – and a 40% reduction in pollution of the River Thames. The sustainability benefits that started with design and construction will be enjoyed for a century and more.

Project

Lee Tunnel

Location

London, UK

Client

Morgan-Vinci-Bachy joint venture for Thames Water

Expertise

Detailed engineering design



Improving people's lives

Many of our people joined their professions and us to make a difference.

Working with governments, development banks and NGOs, we have a direct positive impact on the lives of the poor and disadvantaged, in emerging and developed countries alike. Projects to improve health, education and life chances, to build climate resilience and to recover from natural disasters such as earthquakes and flooding are all in our portfolio, and will always be.

Using our ingenuity to deliver lasting value for all

Our definition of sustainability is creating solutions and outcomes that bring long-term benefits for our clients and their communities.

We've learned and shown that sustainable thinking delivers real value for our clients, for the communities we work in and for our own business, regardless of the sector or the challenges. Our goal is to be the leading global partner in advancing sustained economic, social and environmental well-being.

Developing the expertise so you don't have to

We employ the people everyone else wants to know. Through practice networks our global sector leaders provide expertise, share knowledge and spread best practice for everyone to use.

Regular 'excellence weeks' also drive the sharing of ideas and experience throughout the company. Our last excellence week had 125 different events and webinars that our people linked into worldwide. When you work with us anywhere in the world you have instant access to our entire network of brilliant people.

Best of the old and the new

Counting with stones goes back thousands of years while using mobile communications to learn could not be more modern. Traditional teaching aids can cost nothing at all but technology can also be designed to be affordable for developing countries. We are harnessing both old and new methods to equip teachers in Nigeria with the skills they need to be effective educators.

Project
Teacher Development Programme

Location
Nigeria

Client
UK Department for International Development

Expertise
Education consultancy

“Our experts are changing futures in developing nations and operating on the frontlines of poverty and international epidemics. It enriches our people to help others most in need.”

Guy Leonard
Group strategic development director



What you'll get from us

136,000 reasons to feel proud

Most New Yorkers are unaware that the USA's largest federal infrastructure project is being built beneath their feet. East Side Access will enable 136,000 commuters to travel into central Manhattan without breaking their journey. That's because 13km of twin bore tunnel snake from Queens to a new eight platform terminus carved under the iconic Grand Central Station. In the face of extraordinary technical challenges we've helped keep the project driving forward, innovating to cut risk, and save time and cost. When opened the line will save commuters 40 minutes a day.

Project
East Side Access

Location
New York, USA

Client
NYC Metropolitan
Transportation Authority

Expertise
Programme management
and specialist tunnelling advice

1.

Restless curiosity

We like challenge, change and to be always learning. We are independent thinkers, constantly curious about the world and how to make it better for everyone.

2.

Creativity

We bring together the brightest minds to inquire, problem solve, invent and achieve the best outcomes.

3.

Human focus

We never lose sight of the human impact of our actions and the responsibility that this entails.

4.

Respect

We are inclusive, respecting the environment and everyone with whom we work, valuing all people and cultures equally.

5.

Integrity

We deliver on our promises, behave ethically and do not tolerate bribery or corruption.

6.

Care

We put safety at the core of everything we do with a commitment to harm no one.

7.

Partnership

We are at our best when we work with you to help define and solve problems, and deliver solutions.

8.

Leadership

We want to be at the leading edge of everything we do – so you get the best results.

9.

Collaboration

We develop trust-based relationships that allow us to do our best work.

10.

Commitment

We aim to turn obstacles into sustainable solutions for you and the lives you touch, by maintaining unswerving focus on your needs.

Cover image

Super ships despite the superstorm

Expansion work to make the Panama Canal navigable by the world's largest vessels triggered a critical port upgrade project 4000km to the north. The Port of New York & New Jersey needed to deepen its approach channel from 13m to 15m to welcome a new generation of super ships, or risk falling behind competitors who could. But two drinking water siphons linking Brooklyn with Staten Island crossed just below the seabed. Before dredging could start they had to be replaced with a larger, deeper pipeline. Mott MacDonald was hired to design the new crossing, connections and a chlorination station. To cope with variable ground and high water pressures, an earth pressure balance tunnel boring machine was used for the first time in New York City. All started well but,

450m into the 2.9km tunnel drive, Hurricane Sandy hit in October 2012, flooding the tunnel with saltwater. In the storm's aftermath, we worked with the project team to recover from the damage and rescue the tunnel boring machine. Tunnelling was completed in nine months, in time to secure Staten Island's water supply and New York's status as the northeast's premier port.

Project

Staten Island siphon replacement

Location

New York City, USA

Client

New York City Economic Development Corporation

Expertise

Engineering design

Engineering. Management. Development.