

Sector Information

The page features two large teal geometric shapes. One is a triangle pointing upwards from the bottom left corner. The other is a larger shape on the right side, resembling a triangle pointing to the right, with its hypotenuse facing left towards the center of the page.

Advisory - Mott MacDonald has a strong track record in delivering project management, strategic consultancy and technical advisory commissions for a variety of large public and private sector clients. Our clients are delivering large programmes of regeneration, innovation and efficiency and require an organisation with core skills and attributes aligned to this.

Bridges - Recognised as a leader in bridge engineering with capabilities covering the full spectrum of bridge planning, design and construction supervision. Our portfolio includes some of the world's greatest landmark bridges and extends from small pedestrian bridges in urban areas to striking cable stay bridges to major suspension bridges on estuarial crossings.

Built Environment - You'll play a big part in designing structures which improve local communities within a variety of sectors including buildings, bridges, water, and energy. Using BIM technology, you can work alongside our experts who have provided sustainable design solutions for a variety of high-profile projects. You'll be responsible for a range of elements from, master planning, concept, and feasibility through to full detailed design and supervision on site. Our multi-disciplinary teams design infrastructure which help to support the essential requirements of everyday life, including transportation systems, energy, and water.

Civil Infrastructure - You'll gain varied experience and develop core skills in highways, drainage, flood risk, public realm, earthworks and utilities coordination. Using digital modelling tools, you'll be involved in civil engineering infrastructure designs for a wide spectrum of highways & development projects. As a graduate civil infrastructure engineer, you will work on a range of buildings, highways, rail, power and utilities projects from concept to construction. You will gain responsibility not only for design development but also for quality standards and programme & budget.

Defence / Nuclear - Our major UK government client is investing heavily in the upgrade of existing but aging infrastructure and providing new facilities to meet their changing needs. This includes new building and training facilities, roads, parking, drainage, water and wastewater treatment. As a graduate within this team you will be working on buildings and infrastructure projects and gain excellent experience in seeing projects from inception to delivery in a unique environment with extensive travel opportunities.

Energy - Imagine what it would be like to provide civil design support to high profile projects such as the Hinckley Point power station. Well, join us and you'll be doing just that. Our teams work on a range of large-scale projects providing support such as general energy projects, transmission and distribution, power generation, renewable energy and nuclear power.

Geotechnics - You'll have the opportunity to get stuck in with our geotechnical engineers who work on numerical analysis for stability, earth pressures, deformation, and pore pressure distribution. Using their extensive knowledge, they work on applying these into engineering designs.

Highways – Mott MacDonald's Highways Division delivers services across the entire project lifecycle. Whether we are planning, designing, and implementing new roads, or maintaining, managing, improving and operating existing highway networks, we deliver innovation, cost certainty and added value through collaborative working with clients and a culture of continuous improvement.

Ports & Coastal - It's an exciting time for our coastal team who are pioneering the use of BIM to design coastal defence schemes. Join our experts and you'll be involved in the planning, engineering, and construction supervision of all types of port facilities including container terminals and cruise terminals.

Railways - Our track record in rail dates back to the early 1900s with the construction of the City and South London Railway. You could be getting involved in a variety of rail projects, such as high-speed rail, heavy haul, interurban and regional rail, metros, and light rapid transit.

Special services - Mott MacDonald's Special Services team are at the forefront of developing advanced structural analysis and dynamics solutions, addressing materials technology requirements, advancing asset life management of a wide range of civil infrastructure, and undertaking specialist studies for a diversity of clients. We are also part of the Information Management Network which is responsible and invests in technology and improved ways of working to help deliver our projects.

Tunnels - Mott MacDonald's origins are rooted in tunnelling, dating back to our founders' involvement in the development of London's underground road and rail systems more than 100 years ago – an association which continues today – and a testimony to the quality of our work and strength of our employee-owned business model.

Water - Join this team of water experts and you'll work with a number of large water utility groups creating hydraulic models, and designing water supply networks, drainage and flood barriers. We also have teams who specialise in asset management, dams & reservoirs, pipelines & networks and water treatment so do make sure to select those requirements if you have a specific interest.