

Service coordination

Intelligent management
for working with the utility companies



utilities
www.macegroup.com/utilities

 **mace**

Dealing with utility companies is often the last thing on a project manager's list of priorities. But the safety, programme and cost of your project could be affected as you deal with technical issues and complex utilities legislation throughout the project life cycle. Let Mace Group help you manage these processes effectively and efficiently.



Intelligent and foresighted management of statutory utilities interfaces is a critical part of almost every construction project. Dealing with statutory utilities is frequently challenging; they aren't actually the client but they do have a powerful say in how projects are delivered.

Mace Group's experienced statutory utilities team will help you deal with the complex regulatory framework surrounding the utilities companies, in what has now become a specialist area of project management. Effective planning and management of these specialist issues means a better delivered project for you.

A dedicated statutory utilities team

When Mace Group assembles a team, we make sure we have the skills and experience to ensure our clients realise their project goals. Our statutory utilities team is made up of highly experienced professionals, bringing years of real-world know-how from across the entire spectrum of public utilities, from telecoms to water to power generation. Our statutory utilities experts combine real construction experience with a respect and knowledge of the regulation that surrounds it. With over 30 years of working in this environment we have the right team to help deliver your project.

Our people blend intelligence with flexibility, either working as external consultants or slotting seamlessly into a pre-existing team to take the headaches away from hard-worked project directors and managers. We find a solution that makes sense for you.

Safety above all

The interface with statutory utilities raises specific safety concerns for which informed and far-sighted management is vital. Damage to underground services can cause fatal or severe injury from live cables, fires, or explosion from damaged gas pipes. Our expertise will protect the best interests of your team and avoid unnecessary delays to your programme. We can help you plan effectively to keep safety at the top of your agenda.

Knowledge and flexibility

Beyond simply discovering what issues are "in the ground" our utilities management service will support you and your project with real knowledge of the legal, technical and financial aspects presented by the statutory utilities requirements you face.

Mace's utilities team can slot seamlessly into your existing management structure to provide the vital interface and regulatory consultancy. Our experts have years of direct experience working in this specialised field and their wisdom will help make your programme realistic and deliverable.

Utility knowledge, Mace processes, powerful combination

When you commission our statutory utilities team you gain an extra benefit. The team brings the Mace Group's highly regarded processes and project management skills to this details-driven part of any programme or project. They combine these skills with experience covering every aspect of the project life-cycle and drawn from every sector of the construction industry. You're in safe hands.

Services

Our statutory utilities team offers a intelligent suite of related services, providing your project with joined-up management of utility issues:

We can conduct an audit of the project life-cycle to compare where the programme sits against where it needs to be, what the key issues are and suggest improvement plans to get you back on track. If you have relationship problems with individual utilities we can help with that as well.

Feasibility studies

Identifying what existing services are situated in the locality is crucial to guard against surprises late on into the programme. We can conduct infrastructure searches with each of the utility companies and create a coordinated services drawing on CAD with structured layers against a geographic background so that each asset can be addressed individually.

Budget prices

Budget costs are generally procured from each utility company at an early stage of the project for the purpose of budget setting. We can arrange this for you, make sure it makes sense and use our experience to advise if it is realistic.

Commercial reviews and procurement strategies

We can carry out comprehensive commercial reviews of utility estimates to help you challenge over-engineered design, and to assess real costs and liabilities. Our experienced team will ensure appropriate discounts are applied, knowing where the legislation can deliver significant savings.

Procurement strategies ensure cost effective solutions to implement the utilities work, you now have a choice and can divert and lay new assets on behalf of the service companies. Our commercial reviews can often deliver better solutions than the utility company and we have good knowledge of their self lay policies.

Estimated costs

Our team can arrange final estimates from each utility company with assets affected by the project. Our utilities design, estimating and construction expertise gives us an edge, the respect this brings ensures that designs and costs are realistic. We don't accept information that we don't understand, we are clear about what we present for approval.

Programming

A well managed utilities programme will deliver low risk and time and cost certainty. We can develop and maintain a utility specific programme detailing every pipe and cable and how they are impacted by the project design and construction methodology.

Our knowledge of key legislation and industry best practice enables us to help you draft realistic timescales for implementation, which is critical for success. Our programmers work on Primavera, Asta or Microsoft Project and the programmes they build for you can be rolled up into your master programme.

Manage construction, handover and final accounting

Our teams are NRSWA certified, they all carry CSCS cards and have H&S training to manager level. We can oversee the construction programme to ensure claims and overruns are avoided where possible and managed where not. The projects we manage are fit for adoption by the asset owner.

Project management

Our service can be tailored to suit your needs but our project managers can manage the whole utility project life cycle for you from feasibility study to final accounts and everything in between.

Reckon you could pass "The Terminology Test"?

Regulation can be a minefield, with a growing body of legal and technical documentation to stay on top of. How many of the below do you recognise and understand?

- ✓ C2 to C9 processes
- ✓ HAUC Code of Practice
- ✓ Section 85 notices
- ✓ Self Lay Regulation
- ✓ MPAS / MPAN / MPRN
- ✓ Sharing of Costs of Work Regulations
- ✓ SA 10/05 Diversions Guidance
- ✓ Deferment of Renewal
- ✓ NRSWA 1991
- ✓ Betterment

Our Statutory Services Coordination experts cover these aspects, building awareness and compliance into your project, protecting against costly delays and unforeseen penalties.

Comprehensive benefits



- **Time and risk:** our planning skills and focus on detail will reduce your risk and keep your programme on track.
- **Cost:** through our knowledge of legislation and design we make sure you get value for money and with the right application of legislation can actually save you money.
- **Quality:** successful coordination of key stakeholders and the application of our tried and tested procedures means your project is executed efficiently, maintaining quality throughout the programme.
- **Relationships:** with more and more organisations appearing in the mostly privatised utility sector it is reassuring to know that the Mace team has worked in the industry for many years. We have well established contacts and that gives us a significant advantage in establishing early contacts, getting your project off to a good start. We'll ensure that the designs and costs we procure are realistic and not over engineered.

Understanding the legislation

Planning for utility interface issues is an essential part of a successful project. For example, it can take 18 months just to move extra high voltage cables or large water mains. Successful planning relies on understanding the legal requirements and technical difficulties you face.

Mace Group's utilities coordination team was able to save a client £1.2m on a project with a major utilities interface. Instead of letting our client just absorb the entire cost of moving an ageing trunk sewer our expert team saw an opportunity within the regulation. The asset was 150 years old and its replacement represented a benefit to the local utility company, allowing us to negotiate a substantial saving for our client.

Mace Group will guide you through, establishing where your legal liabilities begin and end, identifying the benefits and pitfalls along the way.

www.macegroup.com/utilities

For further information contact:

Robert Hollingsworth
Utilities team

robert.hollingsworth@macegroup.com
+44 (0)7801 677 138

Mace Group

Atelier House
64 Pratt Street
London NW1 0LF
United Kingdom
t +44 (0)20 7554 8000
f +44 (0)20 7554 8111



ABOUT US

Mace Group is one of the world's most accomplished consultancy and construction firms, with a reputation for finding the best solutions to complex property and real estate challenges.

We focus on the needs of our clients and work to constantly improve the environments in which people live, work and play. Our extraordinary people are empowered to deliver the best projects safely and efficiently, whilst defining industry best practice.

AWARDS

Mace competes for selected industry and business awards as a means of benchmarking itself against the very best – and in order to demonstrate to the world the effectiveness of its methods and culture.

Mace Group has won plaudits in every area of its business, from service excellence in project and construction management, to health and safety and innovation.



INVESTOR IN PEOPLE

