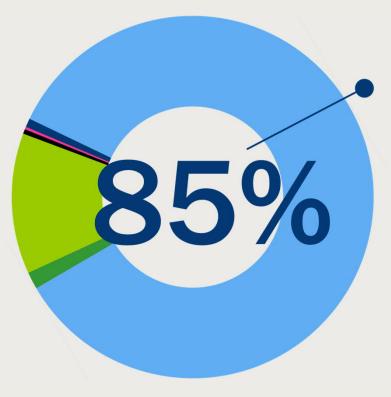


MMB Who we are MOTT MACDONALD BENTLEY Mott MacDonald Group Ltd Mott MacDonald Ltd Mott MacDonald North and South Europe and UK Digital Venture Global Development Middle East and Asia Pacific and Regions Bentley Contracting America (NASA) and Africa (GDNA) (MMDV) (EUNA) South Asia (MESA) Australasia (APNA) (MMBC) Mott MacDonald Advisory and Buildings and Transportation Units Energy (EEN) Programme Delivery Water (WNE) Bentley Contracting Infrastructure (BNI) (TPN) (MBC) (APD) Mott MacDonald JN Bentley Ltd Divisions Bentley (MMB) (JNB)* 75% *The parent company of JN Bentley Ltd is Bentley Holdings Ltd, a wholly owned subsidiary of Mott MacDonald Group Ltd

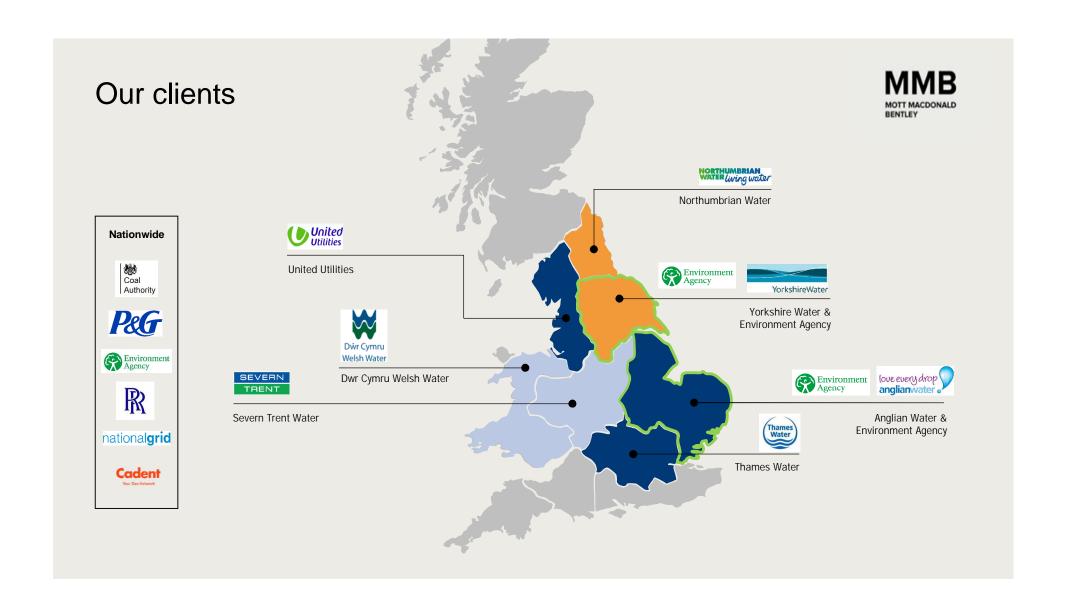
What we do





Water and waste water sectors

Environment Highways Other Utilities Commercial Waste



Diversity drives innovation – when we limit who can contribute, we in turn limit what problems we can solve.

Telle Whitney, Former CEO of the Anita Borg Institute

Our values People and wellbeing



Mental health and wellbeing champions



Company-wide initiatives and campaigns



Communication channels

Applying theoretical knowledge in Consultancy

My Personal Examples (2014-current)

Clean Water

- Comparison of disinfection technology; ozone vs UV to achieve the recommended (1 - 3) log reductions for Clostridia Perfingens
- Booster chlorination gap analysis
- Feasibility of converting a service reservoir as a contact and storage tank
- Jar Testing and Pilot Plant trials of pressured direct filtration

Other Process Engineering Work

- Process Safety
 - HAZOPs and CHAZOPs
 - DSEAR
 - Functional Safety

Wastewater Treatment

- Evaluation of Real Time Process Control of Aeration
- Leachate Treatment for ammonia and metals reduction via insulated CSTR
- Biological Nutrient Removal

International

- Evaluation of multiple inter-stage WwTWs serving single oil pipeline (1768km) across several countries
- Feasibility design of WTW & WwTW Plants supporting construction & operation of 12 MTPA LNG Facility

There's a way to do it better - find it.

Thomas A. Edison

My message to future graduate Engineers

- 1. It is not necessary to only seek & apply for Graduate Roles
- 2. Be yourself i.e. be authentic
- 3. A sense of humour is a valuable key to success at work

Overcoming challenges/adversity, some of my personal tips

- 1. Recognize that challenges/adversity is a part of the process to SUCCESS!
 - Don't automatically internalise that because you're facing a difficult situation, you've done something wrong.
 - Self-evaluate without self-depreciation
 - Speak to someone; ask for help, support, guidance
- View adversity as a learning experience; step back from the situation emotionally
- 3. Do something for someone else

