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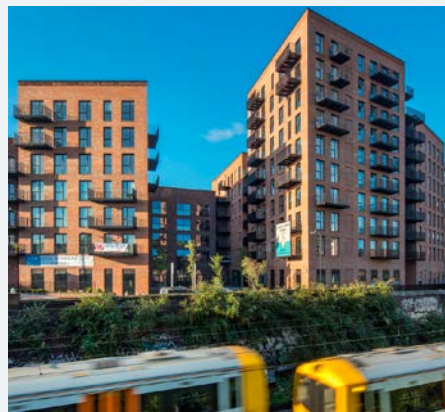
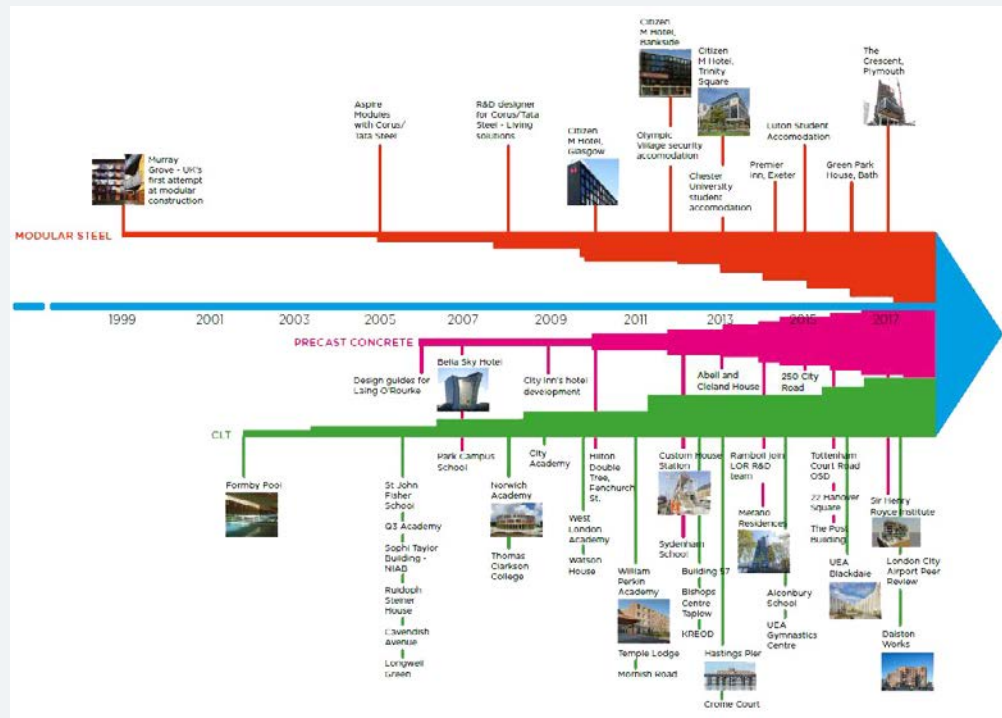
## Offsite Winner 2018

# Offsite Champions Ramboll

### The Judges say...

The evangelical approach of Ramboll to pursue the most efficient offsite construction solutions is inspiring. They have a burning commitment, an obsession almost, to design out inefficiencies whilst at the same time achieving the highest possible quality outcomes.

Ramboll's work in the UK over the last 20 years demonstrates their leadership position in transforming the way the industry thinks and acts. They have applied their expertise over a range of projects in different market sectors and across three product types – modular steel, precast concrete and cross laminated timber – to great effect. Ramboll's mission is to demystify the offsite process which they achieve admirably. Not only have they acquired an impressive array of expertise and understanding across the offsite sector, they have designed and developed a range of digital tools to enable optimisation of offsite techniques leading to huge productivity improvements – a real game changer in the sluggish construction industry. Innovation runs through the organisation at all levels ensuring the best ideas become embedded in the business and are accessible by Ramboll's clients.



Number of staff: 1,300 Type of work: Engineering, design and consultancy

### Actions

- Deploy offsite construction in 20-30% of projects.
- Culturally embrace offsite innovation throughout the company.
- Developed a suite of digital design tools to allow for calculation and demonstration of benefits over traditional construction.
- Store libraries of modular designs.
- Employ world-leading science sector designers.
- Actively promote offsite to clients, design teams, project managers and investors.

### Impacts

- De-mystified the offsite construction process.
- Clear commercial environmental and social benefits for clients.
- Changing public and industry perceptions of offsite construction.

- Overcoming perceived limitations on the vibration performance of buildings – a significant reason why offsite has 'lagged'.
- The commitment to offsite is leading Ramboll to apply offsite construction to new sectors.

### Lessons learned

Analysis of outcomes on each project contributes to the continuous learning process and performance improvement is achieved by constantly challenging what is possible. They have proved that offsite is not an exclusive technology limited to projects with specific characteristics but a construction methodology.

