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ABOUT RAMBOLL

Ramboll is a leading engineering, design and consultancy company founded in Denmark in 1945. The company employs 13,000 experts and works across the markets: Buildings, Transport, Planning & Urban Design, Water, Environment & Health, Energy, Oil & Gas and Management Consulting.

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Ramboll is an internationally recognised expert in assessing, strengthening and managing aging infrastructure. We are renowned for our non-standard assessment approaches which have avoided costly strengthening or replacement of structures, saving our clients millions of pounds.

We provide world class expertise in areas such as post-tensioning, the realistic assessment of structures, failure modes effect and criticality analysis, finite/discrete-element method, Engineering Simulation and 3D computational design.

These skills, coupled with our experience of specialist design and construction techniques enable us to safely maximise the capacity of existing structures and, where unavoidable, define complex strengthening schemes within significant operational constraints.

Recently, as part of our work on the TfL Structures and Tunnels Investment Portfolio (STIP), our innovative strengthening solutions have extended the life of the Hammersmith Flyover by installing the first ever full new pre-stressing system where it was not possible to remove the original without significantly disrupting the traffic on this critical route.

Our reputation has led to work for The Nippon Expressway Company Research Institute. Ramboll is helping to develop standards for the management of their 11,000 post-tensioned concrete bridges in Japan.