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ARUP INFRASTRUCTURE

## Arup, Aas-Jakobsen verifies design of the world's longest bridge in Turkey

By DANIEL BRIGHTMORE • Aug 09, 2019, 8:59PM



Award-winning engineering consultants Arup and Norway's Dr Ing A Aas-Jakobsen AS (Aas-Jakobsen) have been appointed to carry out the independent verification of the design for Turkey's 1915 Çanakkale Bridge, set to become the world's longest suspension bridge.

Measuring 2.023km in length and with tower height of 318m, the bridge will cross the strait of the Dardanelles to connect the Asian and European continents as part of a new highway between Kinali and Savaştepe.

Matt Carter, Global Bridge Skills leader for Arup commented: "Highly skilled expertise has been gathered together and led by Arup to provide independent verification to all aspects of this exceptional bridge. We are proud to contribute to such a landmark project that allows us to use our specialist skills in geotechnical, seismic, ship impact and long span bridge engineering to the full."

Carter added: "The record-breaking 1915 Çanakkale Bridge demonstrates our commitment to push the boundaries of what is possible to shape a better world. Through close collaboration, our world-class specialists have helped our client to overcome the highly complex challenges associated with an exceptional bridge of this length and technical complexity."

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Svein Erik Jakobsen, head of the bridge department at Aas-Jakobsen, said: "The record span explores the boundary of current suspension bridge design. We are very pleased to be part of this project and contribute with our expert knowledge in aerodynamics, suspension systems and deck structure for long span bridges."

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