



A link between Germany and France – The new bridge on the Rhine in Strasbourg

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Abstract

The Eurométropole de Strasbourg (EMS) has awarded the Strasbourg Public Transport Company (CTS) the project to extend Line D of the tram to Kehl (Germany); work started in 2014. The project extends the Strasbourg network into Germany and will be key to developing cross-border links.

Its completion requires building some spectacular infrastructures, including the Rhine Bridge. Selected by the EMS and the town of Kehl on the recommendation of the CTS, the project's contracting agent, the design and build of the structure was awarded to a consortium of businesses comprising Bouygues TPRF, Victor Buyck SC, Lingenheld TP, Früh Ingenieurbau(*), Arcadis and Marc Barani Architects.

Keywords: Tied-arch, steel, box-girder, central arch, light rail-bridge, tramway, Strasbourg, Kehl.

1 Introduction



Figure 1. General view of the building site

Work to extend Line D of the tram to Kehl, assigned by the Eurométropole de Strasbourg (EMS) to the Strasbourg Public Transport Company (CTS), started in 2014. During the first phase, the Strasbourg network will be extended by 2,7 km into Germany. The commercial service is planned to start in spring 2017. The extension into Germany is key to developing cross-border links and is planned as the future driver for urbanization in the area around the Deux Rives' district: it will allow the town to be re-centred on the Rhine. Completing the extension requires building some spectacular infrastructures, including the Rhine Bridge. Selected by the EMS and the town of Kehl, on the recommendation of