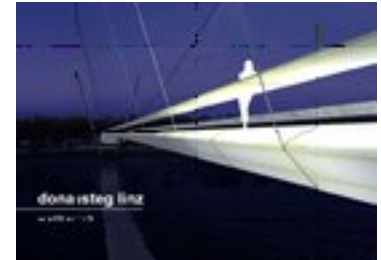


Competition Donausteg Linz

Location	Linz, Austria
Client	Landeshauptstadt Linz
Services	Competition, 1st stage
ABES member	ABES Austria

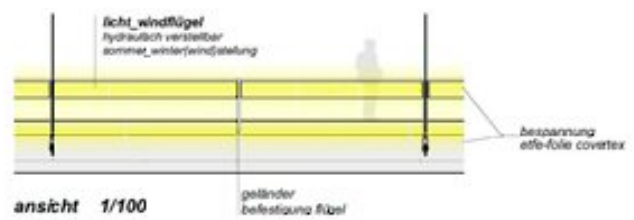
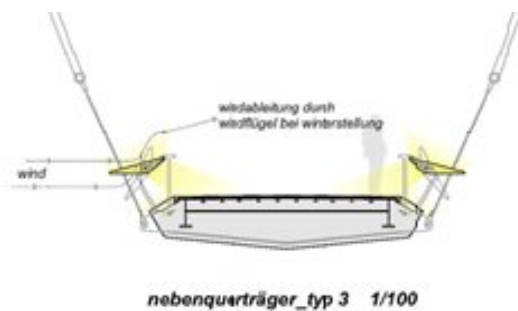


Description

The proposed bicycle and pedestrian crossing over the river Danube consists of two ramps on either river shore and a suspension bridge of 270m span and 6m width. The V-shaped pylons stabilise the bridge laterally and give torsional stiffness to the girder. The cross-section of the girder was optimised with respect to the governing aerodynamic properties of the bridge.



Visualisation



CFD Simulation
Energy - Wind Velocity - Pressure