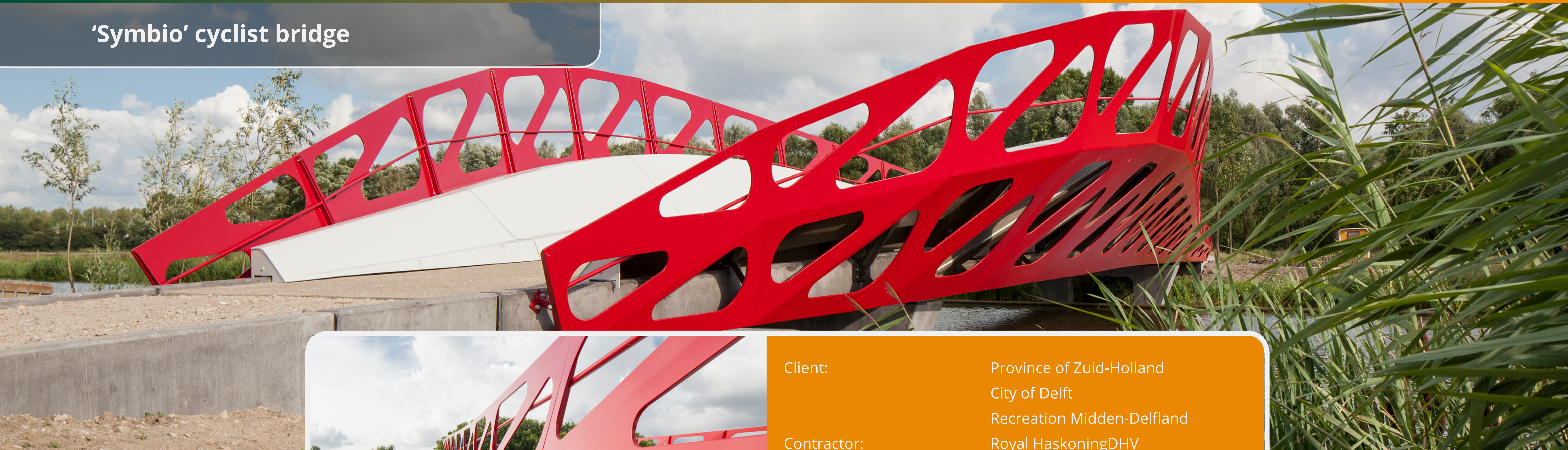


'Symbio' cyclist bridge



Client: Province of Zuid-Holland
City of Delft
Recreation Midden-Delfland

Contractor: Royal HaskoningDHV

Architect: Rafail Gkaidatzis
Joris Smits

Steel construction: Viets Staalconstructie

Application coating system: Van Merksteijn Staalcoating B.V.

Date of construction: November 2016

The special Symbio cyclists Bridge is the winning design of an architectural competition at the TU Delft. The project was commissioned by the Province of South Holland, the City of Delft and the Midden-Delfland Recreation Centre. The architect, Rafail Gkaidatzis, had the opportunity to realize the bridge in collaboration with Joris Smits and Royal HaskoningDHV.

The name 'Symbio' emphasizes the connecting function of the bridge between nature and technology. The bridge forms a walking and cycling connection between Sciencepark Technopolis and the recreational area Akerdijkse Bos. The design is based on organic forms as they occur in nature, while the bright red colour gives the bridge a modern look.

For the coating SteelKote coating is used. This provides strong protection to the structure under extreme weather conditions and ensures a very long gloss retention. Lasting of the gloss ensures that the red colour stays bright over time.

C5 SteelKote C-5M | Extreme 25 years

Layer 1	805 SteelKote EP ZN HS	100µm
Layer 2	806 SteelKote EP Miox	120µm
Layer 3	808 SteelKote PC HS UV+	100µm
Total		320µm



extreme corrosion
resistant



permanently
flexible



40% less film
thickness



impermeable