Aggerbogen



This project was one of the longest wooden bridges of this type in Germany that supports heavy vehicle traffic:
Approach bridges are made of spruce glulam (laminated) in form of timber-concrete composite
Construction creates a large shore area that ensures a rapid drainage in case of floods
The arch beams made of glulam fit in the natural environment

Wood is a suitable material also for big and long bridges in combination with other materials and with profound wood protection.

Innovative solutions for constructive wood protection
The arch bridge is laterally covered with larch. The upper side is covered with a titanium zinc sheet.
Concepts for the subsequent use of the wood for the bridge within the framework of cascade use of wood were established

DETALJI

PODRIJETLO DRVA

Šuma

VRSTA DRVA

Deblo

ODGOVARAJUĆA VRSTA DRVA

Stemwood

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

Positive especially in comparison with high energy consuming materials like steel

UČINAK NA PRIHOD

Positive

POTENCIJAL ISKORISTIVOSTI

--

SREDIŠTE

--

GOSPODARSKI UČINAK

High

POTREBNA POSEBNA ZNANJA

High

POTENCIJAL ZA POVEĆANJE UPORABE DRVA

No potential

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

--

JEDNOSTAVNOST PROVEDBE

Difficult

JEDNOSTAVNOST PROVEDBE - EVALUACIJA

--

KLJUČNI PREDUVJETI

Complex project with high standards regarding static and wood building skills

VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

--

UČINAK NA ZAPOŠLJIVOST

High – as this prestige project will increase further wood building projects

TROŠKOVI PROVEDBE (EURO - €)

--

VIŠE DETALJA

IZAZOV

--

DOMENA

Drvna građevinska industrija

VRSTA RJEŠENJA

--

KLJUČNE RIJEČI

--

DIGITALNO RJEŠENJE

Ne

INOVACIJA

Da

ZEMLJA PODRIJETLA

Njemačka

PODRUČJE PRIMJENE

Regionalno / podnacionalno

POČETAK I KRAJ GODINE

2014 - 2014

KONTAKT PODATCI

VLASNIK ILI AUTOR

IZVJESTITELJ

Holzbau@Schaffitzel.de

REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

https://www.schaffitzel.de/unternehmen/aktuell/207-auszeichnung-holz-proklima

IZVORI

--

WEB STRANICA PROJEKTA

--

REFERENCA PROJEKTA

--

PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood

DATUM UNOSA

18 stu 2019

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY