

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

DETALHES

ORIGEM DA MADEIRA

Floresta

TIPO DE MADEIRA

Tronco

TIPO DE MADEIRA EM CAUSA

Stemwood

IMPACTE NO AMBIENTE E BIODIVERSIDADE

Positive especially in comparison with high energy consuming materials like steel

IMPACTE NAS RECEITAS

Positive

POTENCIAL DE EXPLORAÇÃO

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HUB

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IMPACTE ECONOMICO

High

CONHECIMENTOS ESPECIFICOS NECESSÁRIOS

High

POTENCIAL DE MOBILIZAÇÃO

No potential

SUSTENTABILIDADE POTENCIAL - VALOR

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FACILIDADE DE IMPLEMENTAÇÃO

Difficult

FACILIDADE DE IMPLEMENTAÇÃO

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PRE-REQUISITOS CHAVE

Complex project with high standards regarding static and wood building skills

TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO

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IMPACTE NO EMPREGO

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

CUSTOS DE IMPLEMENTAÇÃO (EURO - EUR)

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MAIS DETALHES

DESAFIO ABORDADO

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PALAVRAS-CHAVE

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PAÍS DE ORIGEM

Alemanha

DOMÍNIO

Industria da madeira para construção

SOLUÇÃO DIGITAL

Não

ESCALA DE APLICAÇÃO

Regional/ sub-nacional

TIPO DE SOLUÇÃO

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INOVAÇÃO

Sim

ANO DE INÍCIO E FIM

2014 - 2014

DADOS DE CONTACTO

PROPRIETÁRIO OU AUTOR

Holzbau@Schaffitzel.de

REPÓRTER

REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

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

WEBSITE DO PROJETO

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REFERÊNCIA AO PROJETO

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RECURSOS

PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood

DATA DE ENTRADA

18 Nov 2019



Link to Rosewood 4.0



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

