

# 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

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### 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

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### 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

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### PROPRIETÁRIO OU AUTOR

Holzbau@Schaffitzel.de

### REPÓRTER

## REFERENCES AND RESOURCES

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### 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

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PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood

DATA DE ENTRADA

18 Nov 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

