

What is the Bavarian-Czech Academic Agency and what does it offer?

Experiences

Prof. Dr.-Ing. Jürgen Koch

Head of the New Materials Research Consortium

Bayerisch-Tschechische
Hochschulagentur



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vysokoškolská agentura

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The OTH Amberg-Weiden

- East Bavarian Technical University of Applied Sciences -



The Project

New Materials for Additive Manufacturing

Goal

- Investigation and identification of open questions on metals and alloys used in additive manufacturing, in particular laser powder bed fusion.
- Strengthen the collaboration between the Czech Republic and Germany in the field of research and technology transfer.

The Project

Partners

- Technical University of Ostrava
Faculty of Materials Science and Technology
- University of West Bohemia (UWB), Pilsen
Regional Technology Institute (RTI)
- OTH Amberg-Weiden (OTH AW)
Faculty of Mechanical and Environmental Engineering
- Fraunhofer Institut Umsicht, Sulzbach-Rosenberg



The Application

Pros

- Easy to handle, only a German version is required.
- Every necessary information is available in both languages, Czech and German.
- No specific collaboration contract is needed.

Cons

- 15 % of the public funding has to be added by yourself.
- The administrations of the institutions involved

During the Project

Pros

- Assistance by the team of the Bavarian-Czech Academic Agency
 - ▶ Perfect, at any time and for any question
 - ▶ Solution-oriented
- Reports
 - ▶ Do not have to be scientific.
 - ▶ Evidence of the work done is sufficient.

Cons

- Project duration exceeding one year
 - ▶ Each calendar year has to be handled like a single project.
 - ▶ Account is closed at the end of the year.
 - ▶ No transfer of the budget to the next year.
 - ▶ Providing the project documentation early in January

Are the Efforts Worth the Effort?

Achievements to be attributed to our project:

- At least 8 new contacts with promising opportunities for new projects,
- 1 additional project publicly funded (ZIEL-ETZ; Fraunhofer Umsicht, Comtes FHT, OTH AW),
- 2 doctoral theses in cooperation between UWB and OTH AW,
- Erasmus+ contract between TU Ostrava and OTH AW expanded,
- Spring and fall school between UWB and OTH AW developed,
- Double degree between UWB and OTH AW in planning.

So far!