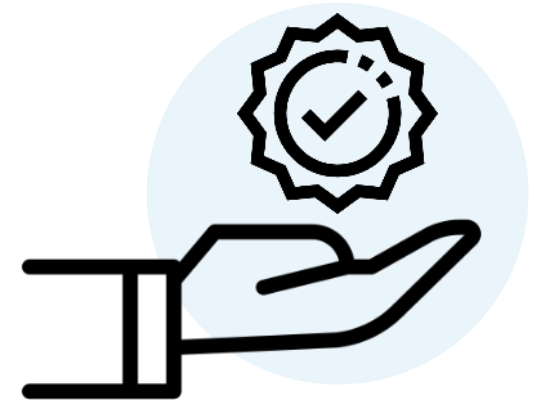


## Project Overview

# Digital Credentials for Higher Education Institutions – DiBiHo

1st International Stakeholder Dialogue, June 16th 2021  
Hans Pongratz & Matthias Gottlieb



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and Research

# Goals & Partner

Exploration of a **trusted, distributed, and internationally interoperable infrastructure standard** for issuing, storing, presenting, and verifying **digital academic credentials** in a **national and international context** for **German Higher Education Institutions**.



**Technical University of  
Munich (TUM)**



**Hasso Plattner Institute for  
Digital Engineering (HPI)**



**German Academic Exchange  
Service (DAAD)**

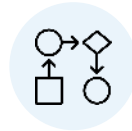
# Digital Credentials Consortium



**Learner-centred**



**Standards-based**



**Use Case driven**

## Founding Members

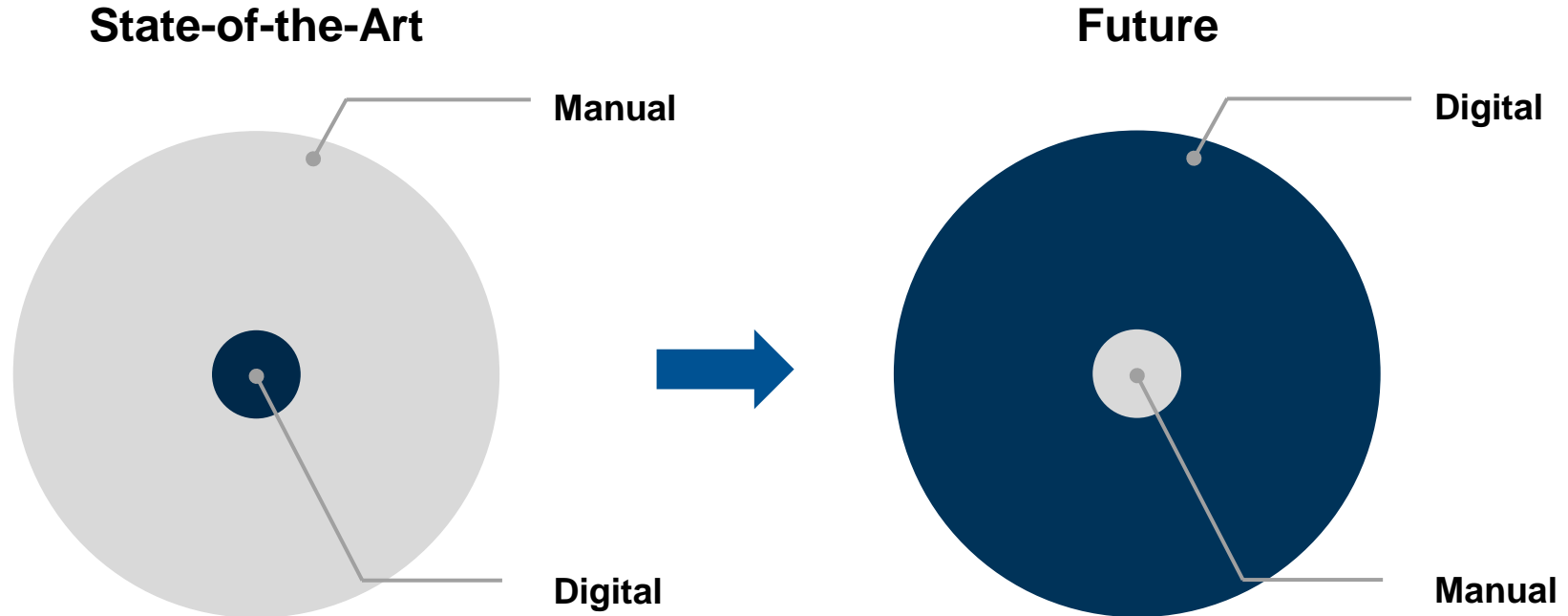
- Delft University of Technology (The Netherlands)
- Georgia Tech (USA)
- Harvard University (USA)
- Hasso Plattner Institute, University of Potsdam (Germany)
- Massachusetts Institute of Technology (USA)
- McMaster University (Canada)
- Tecnológico De Monterrey (Mexico)
- Technical University of Munich (Germany)
- UC Berkeley (USA)
- UC Irvine (USA)
- University of Milano-Bicocca (Italy)
- University of Toronto (Canada)



**Building the digital  
credential infrastructure  
for the future**

A White Paper by the Digital Credentials Consortium

# Necessity of Digitalization: Saving Time and HR Power



# Setting Priorities

Exploring a trustworthy, distributed and internationally interoperable infrastructure standard for issuing, storing, presenting and verifying digital academic credentials.

International perspective

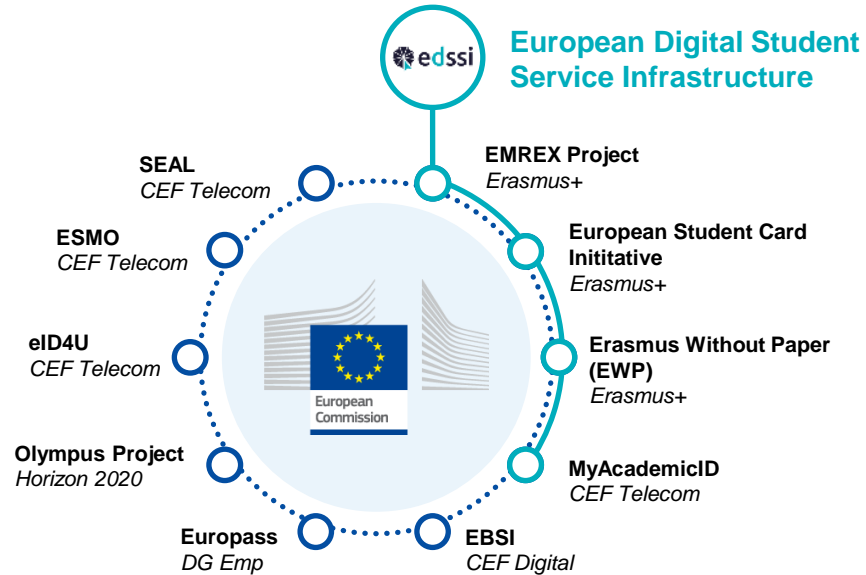
Analyze, compare and further develop existing approaches in a national, European and international context

Describe requirements and necessary functionalities

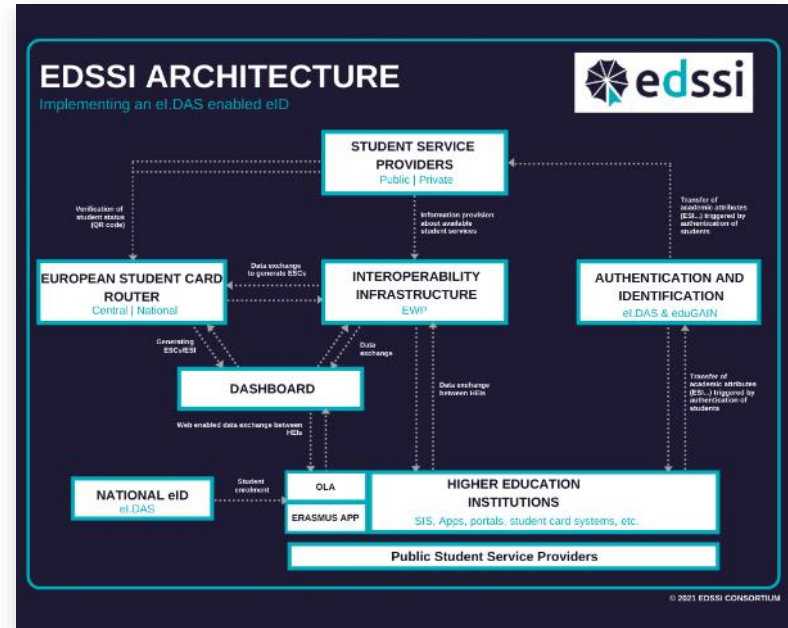
Develop prototypes and proofs-of-concept for several use cases

Make recommendations for future operator and support models

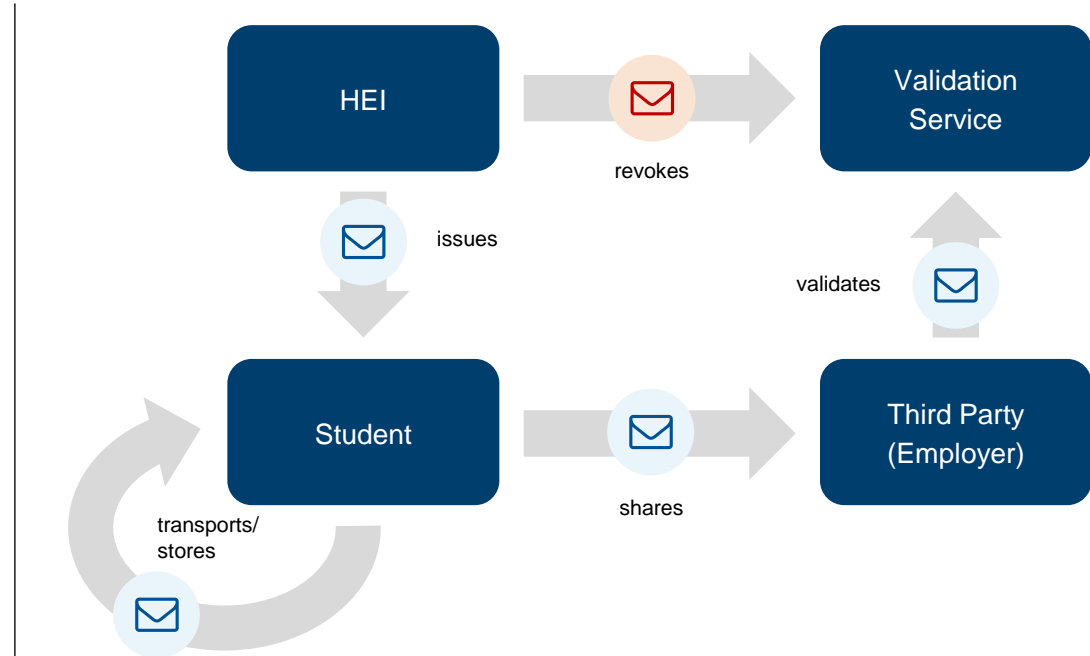
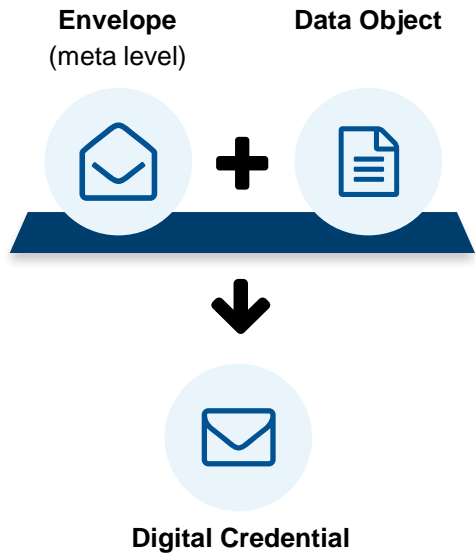
# The European Context



# The European Context – EDSSI

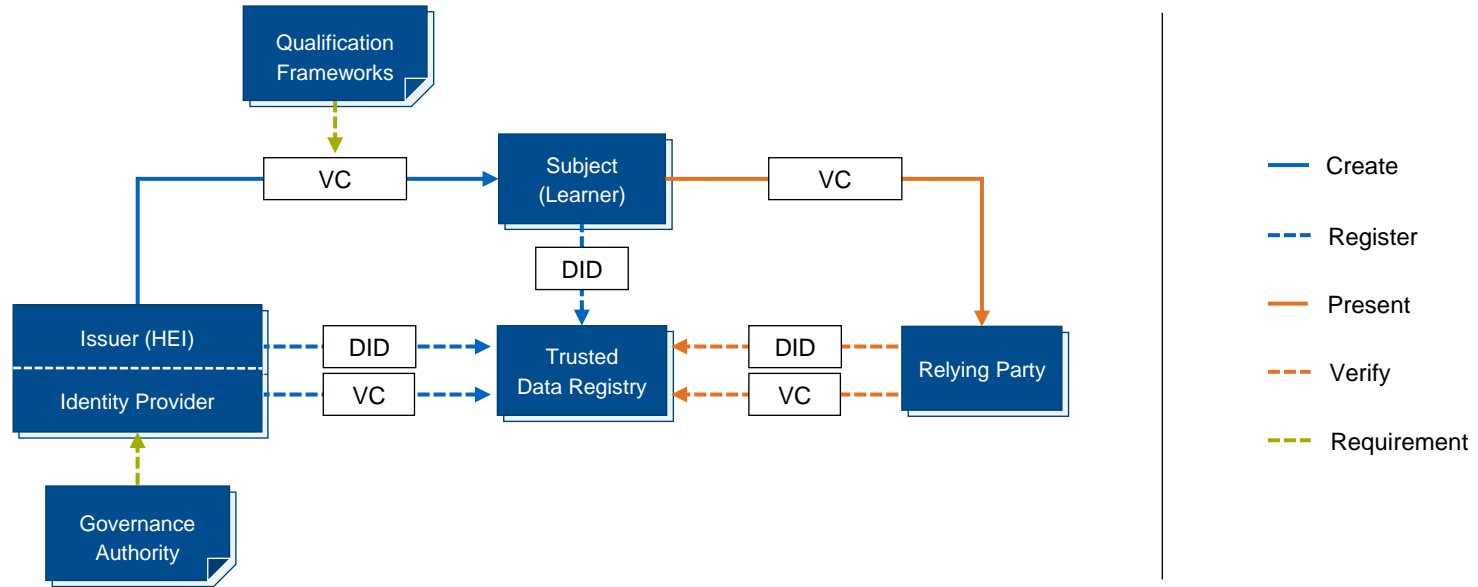


# Goal: Standard for the Digital Credential Life Cycle

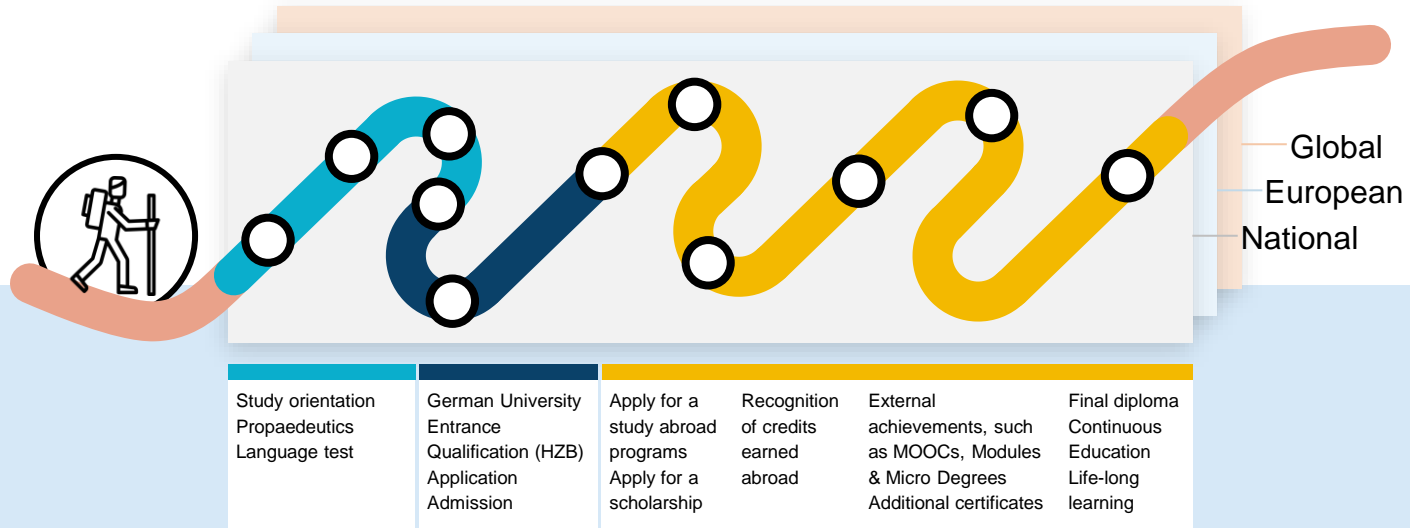




# Deep Dive: Stakeholder Model

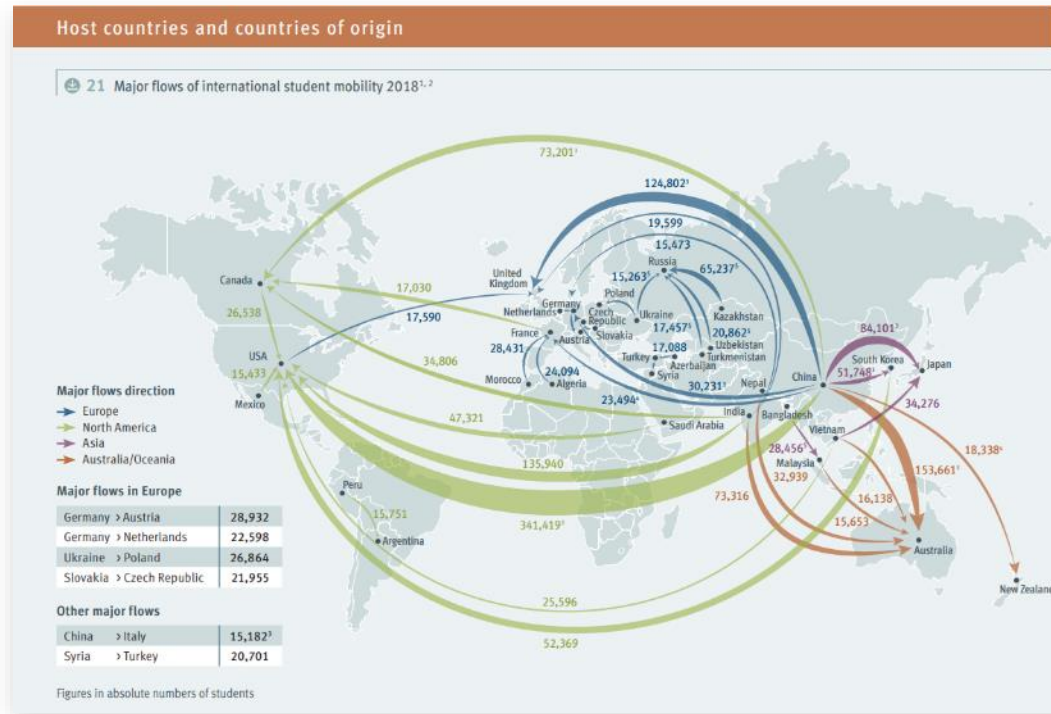


# Building Competencies along the Learner Journey



Icon: Freepik

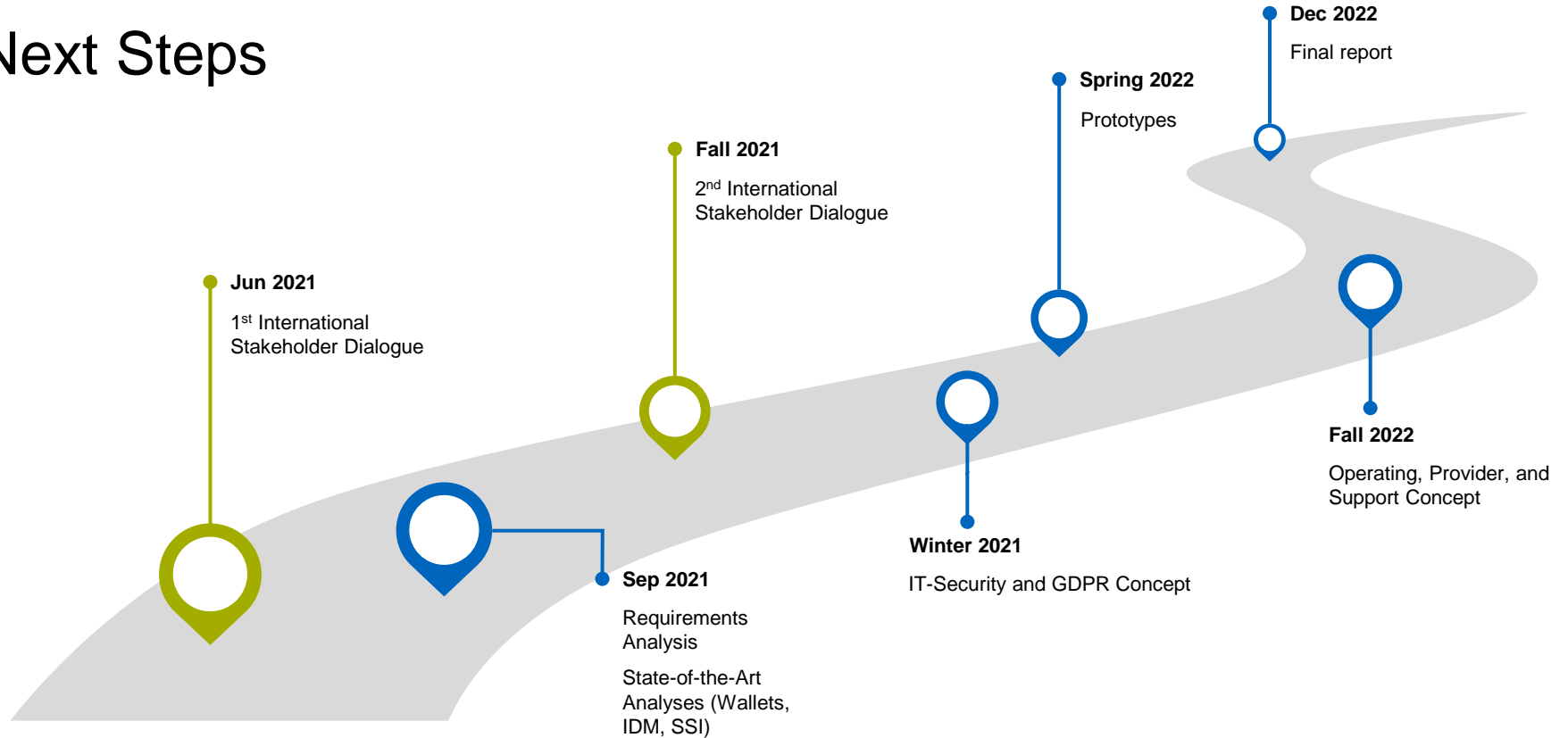
# The Bigger Picture – Student Mobility Flows



- What about digital mobility?
- Machine readability?
- Seamless networking?

Interoperability & Quality Assurance are necessary for success!

# Next Steps



# Keep in Touch!

Join our mailing list:



<https://lists.lrz.de/mailman/listinfo/dibiho-info>

## Next Event

Fall 2021

Stakeholder Dialogue on our  
technological overview and reference  
architectures

## Further Information

[www.dibiho.de](http://www.dibiho.de)

# DiBiHo Facts

## Consortium



## Project Goal

Exploration of a trusted, distributed, and internationally interoperable **infrastructure standard** for issuing, storing, presenting, and verifying **digital academic credentials** in an **national and international context** for **German Higher Education Institutions**.

## Project Period

11/2020 – 12/2022

## Funding



Federal Ministry  
of Education  
and Research

Ref. No. M534800

## Contact

[Matthias Gottlieb](#) (project manager, TUM)

[Alexander Mühle](#) (lead HPI team)

[Kathleen Clancy](#) (lead DAAD team)

## Links

[www.dibiho.de](http://www.dibiho.de)