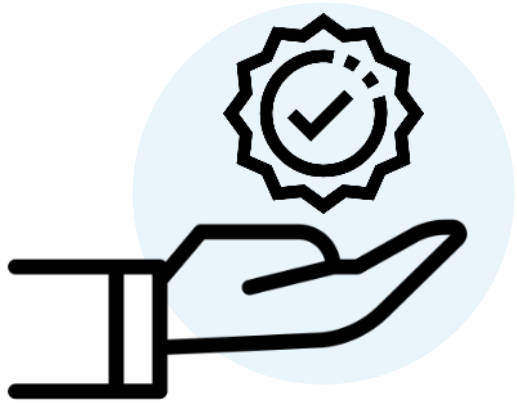
Project Overview

Digital Credentials for Higher Education Institutions – DiBiHo



Micro-credentials in the EHEA: Small Learning Units – Big Opportunities?

Barbara Schwarzwald, Senior Desk Officer Digitalisation, DAAD

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Federal Ministry of Education and Research

Ref. No. M534800

Icons: Pixelmeetup, Good Ware

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)

Photos: Andreas Heddergott/TUM; HPI; DAAD.

Digital Credentials Consortium

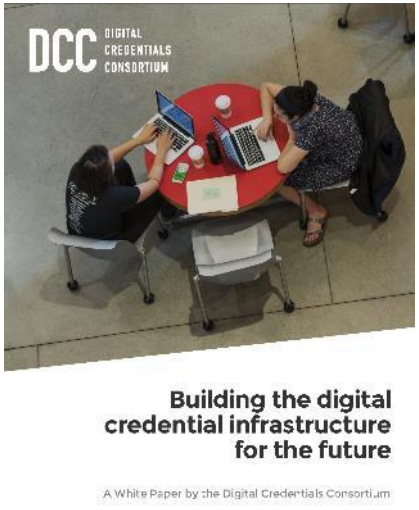
Learner-centred

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)
- Tecnologico De Monterrey (Mexico)
- Technical University of Munich (Germany)
- UC Berkeley (USA)
- UC Irvine (USA)
- University of Milano-Bicocca (Italy)
- University of Toronto (Canada)



Icons: Freepik (2), srip via Flaticon.com

Setting Priorities

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

International perspective

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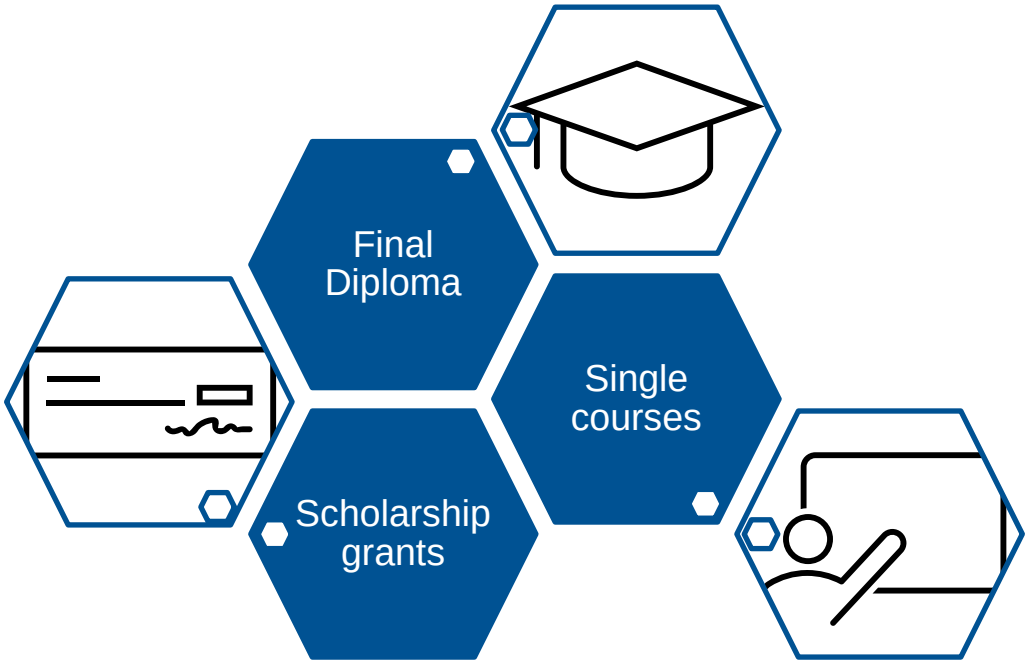
- Describe requirements and necessary functionalities
- Develop prototypes and proofs-of-concept for several use cases
- Make recommenda-tions for future operator and support models

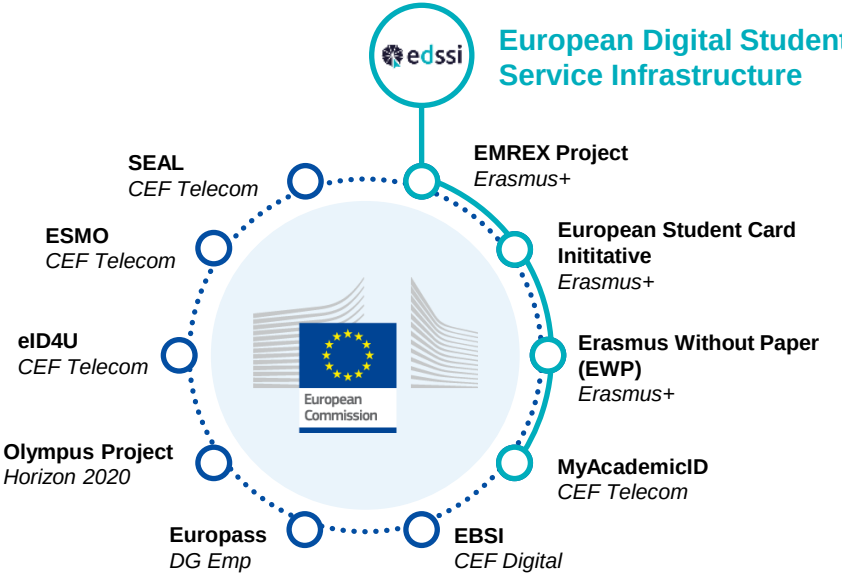
Building Competencies along the Learner Journey

Icon: Freepik

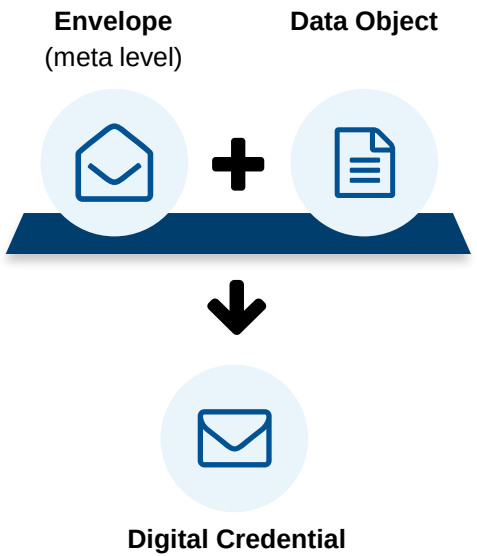
(Micro-) Credential Use Cases

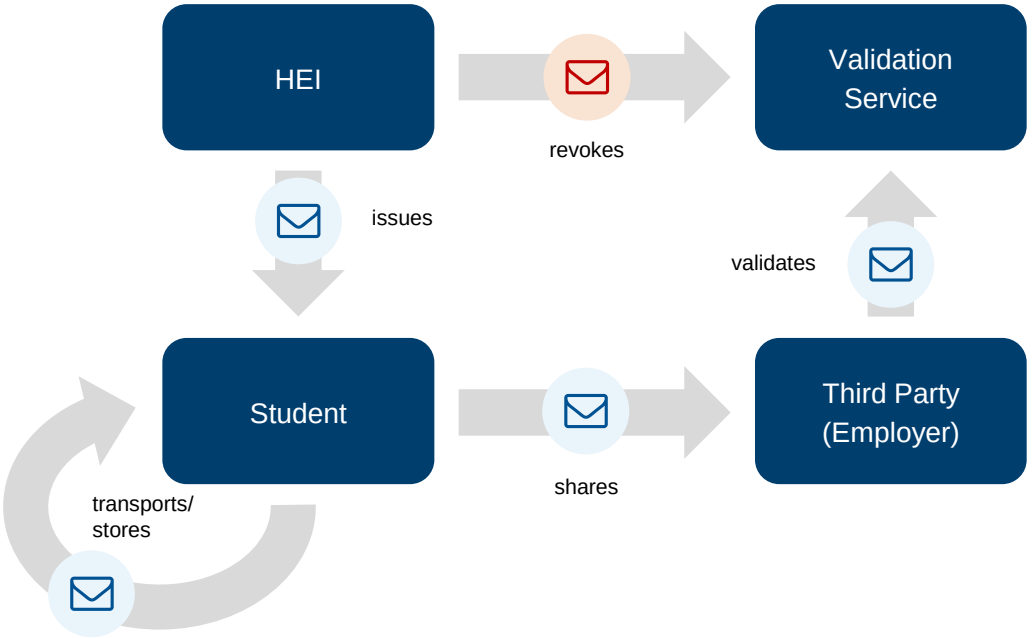


The European Context



Goal: Standard for the Digital Credential Life Cycle





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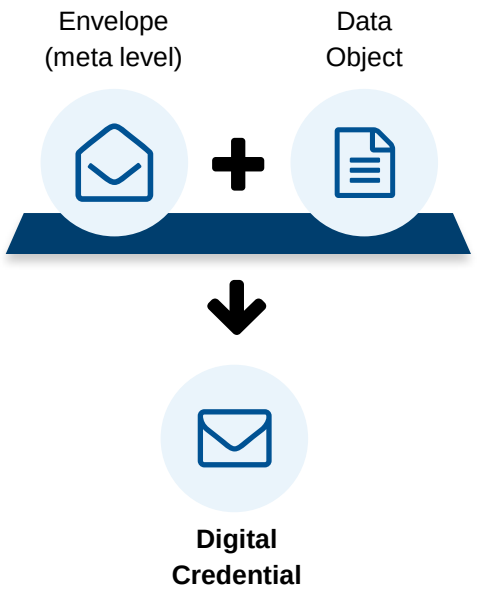

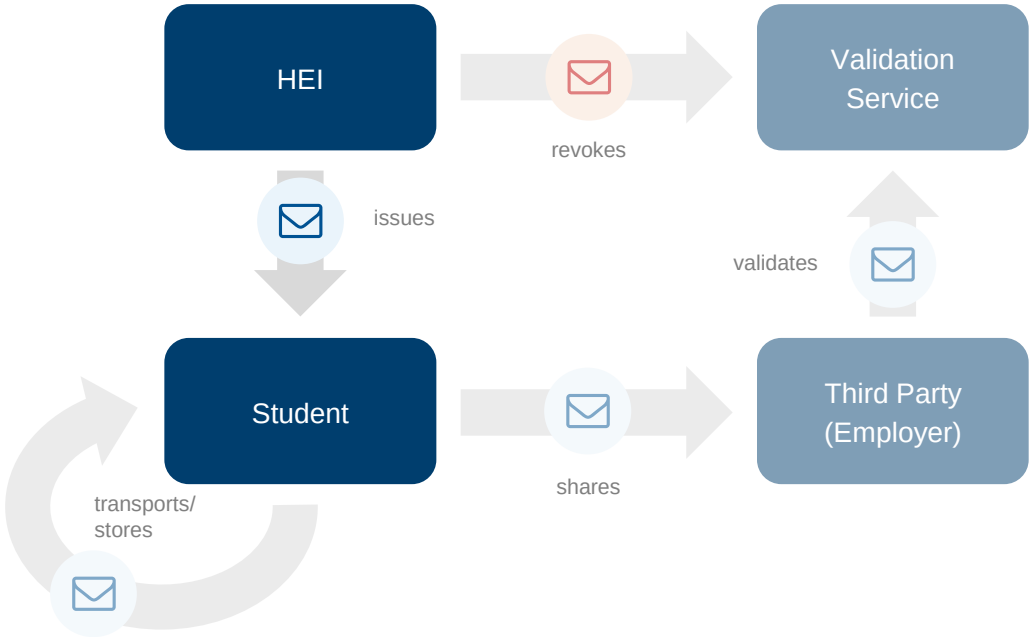

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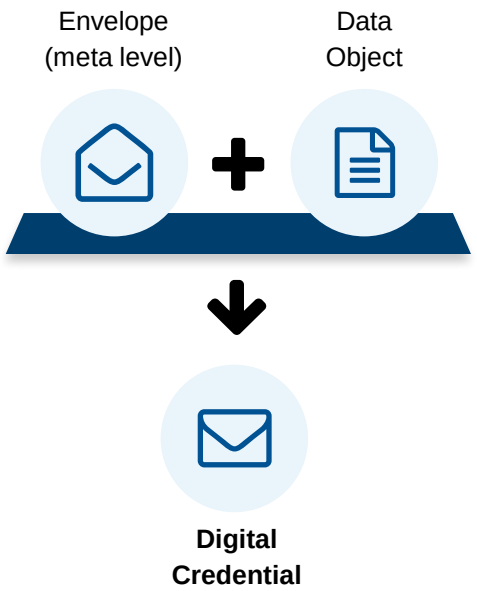

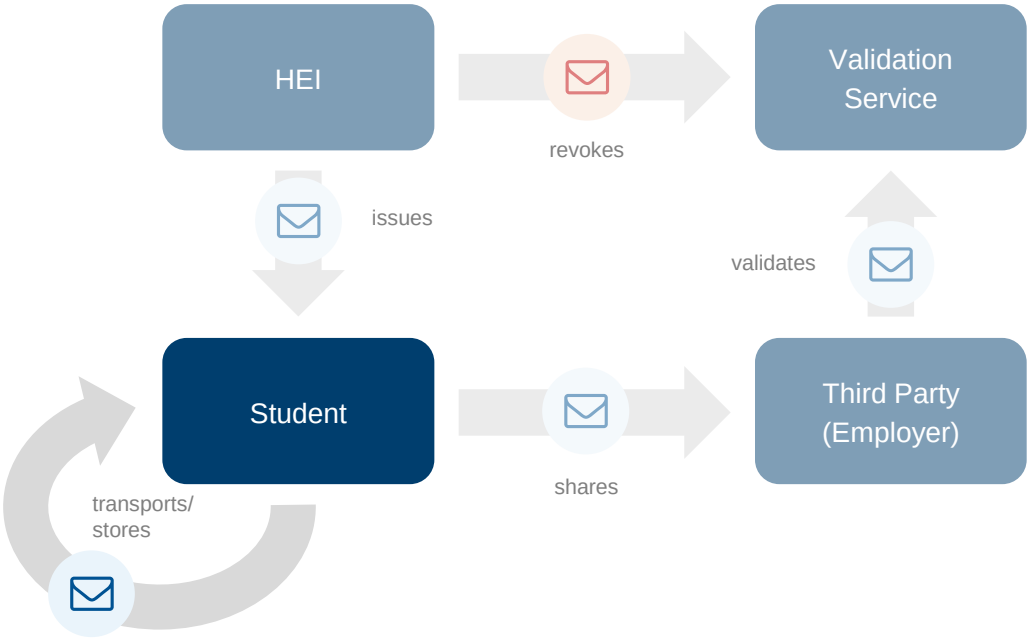

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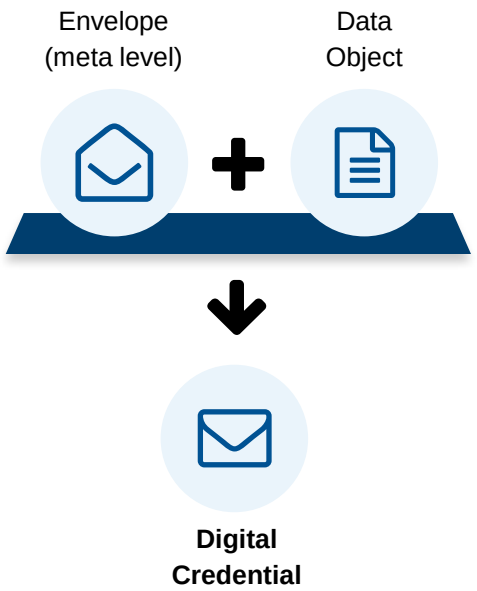

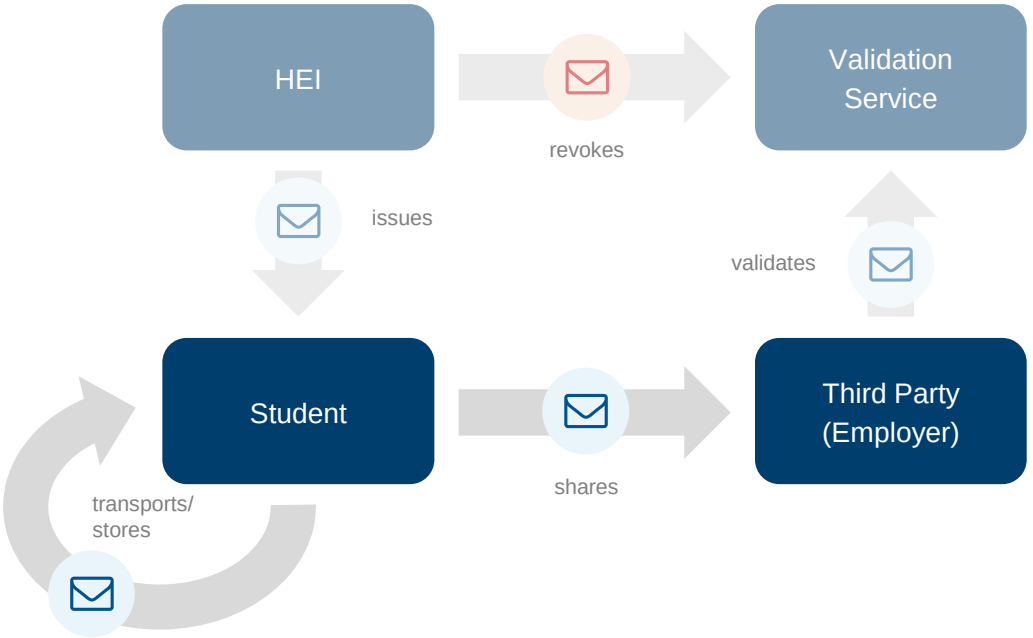

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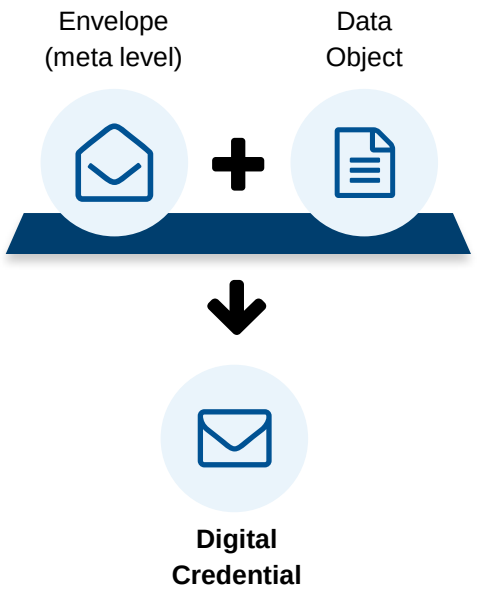

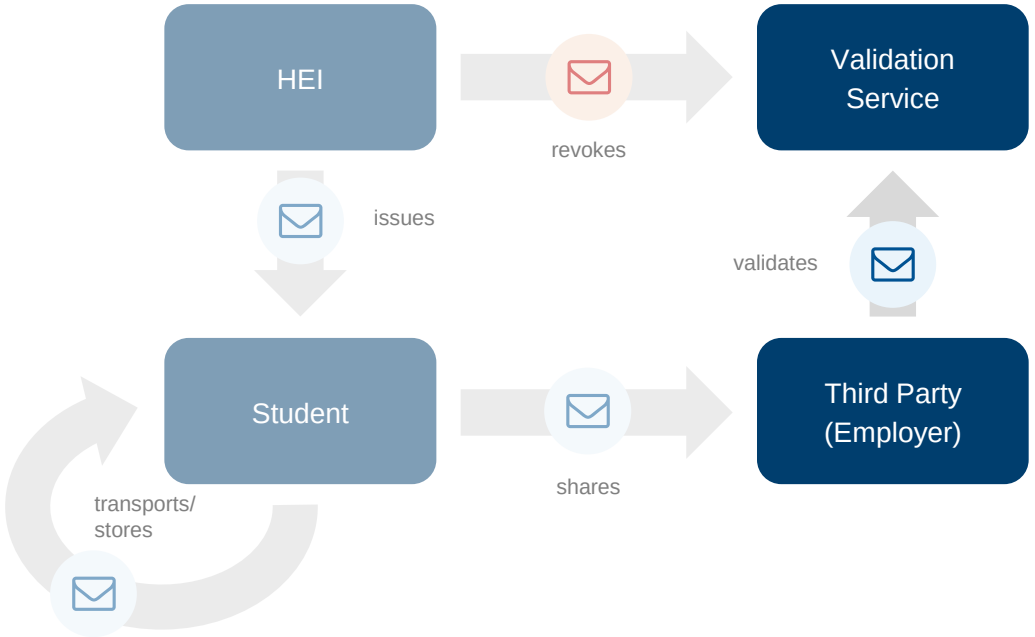

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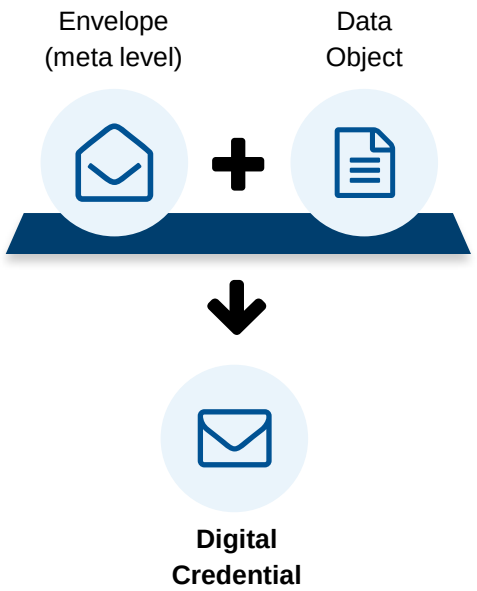
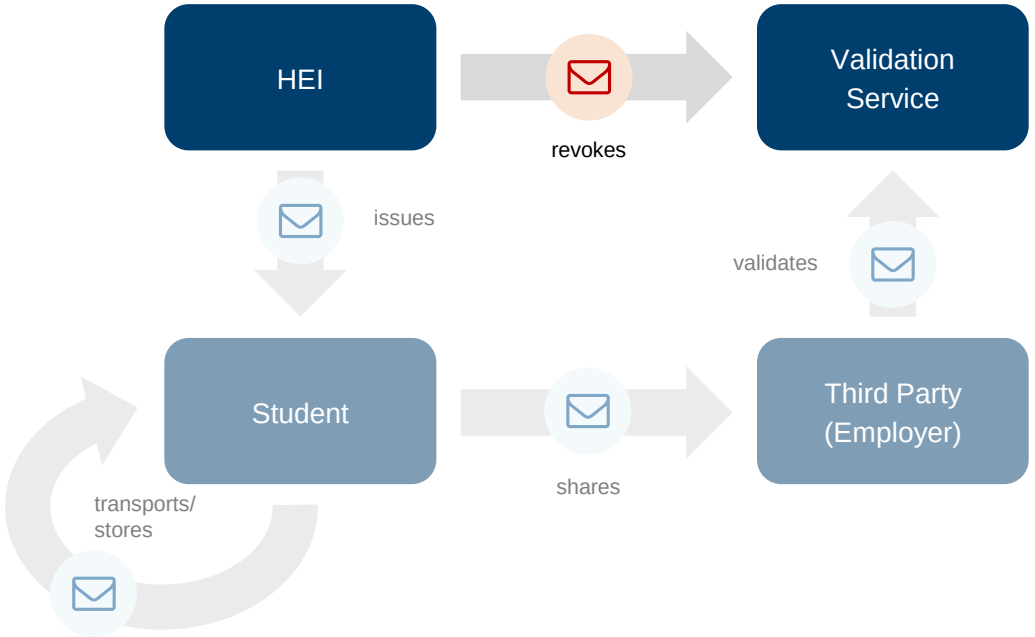
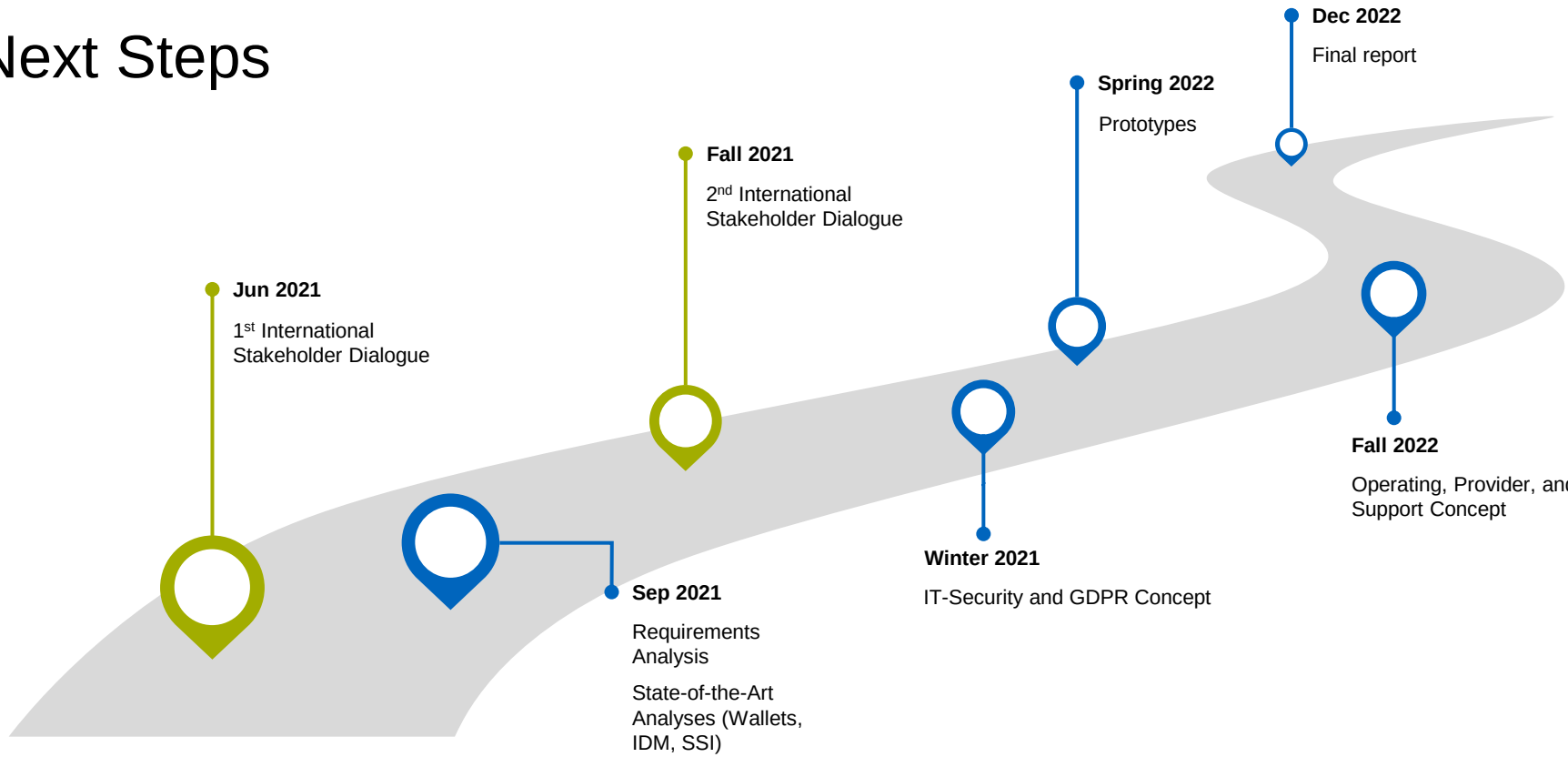




Next Steps


Jun 2021
1st International Stakeholder Dialogue
Fall 2021
2nd International Stakeholder Dialogue
Sep 2021
Requirements Analysis
State-of-the-Art Analyses (Wallets, IDM, SSI)
Winter 2021
IT-Security and GDPR Concept
Spring 2022
Prototypes
Dec 2022
Final report
Fall 2022
Operating, Provider, and Support Concept

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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

DiBiHo Facts

Consortium

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Project Period

11/2020 – 12/2022

Funding

Federal Ministry of Education and Research

Ref. No. M534800

Contact

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Alexander Mühle (lead HPI team)

Kathleen Clancy (lead DAAD team)

Links

www.dibiho.de