

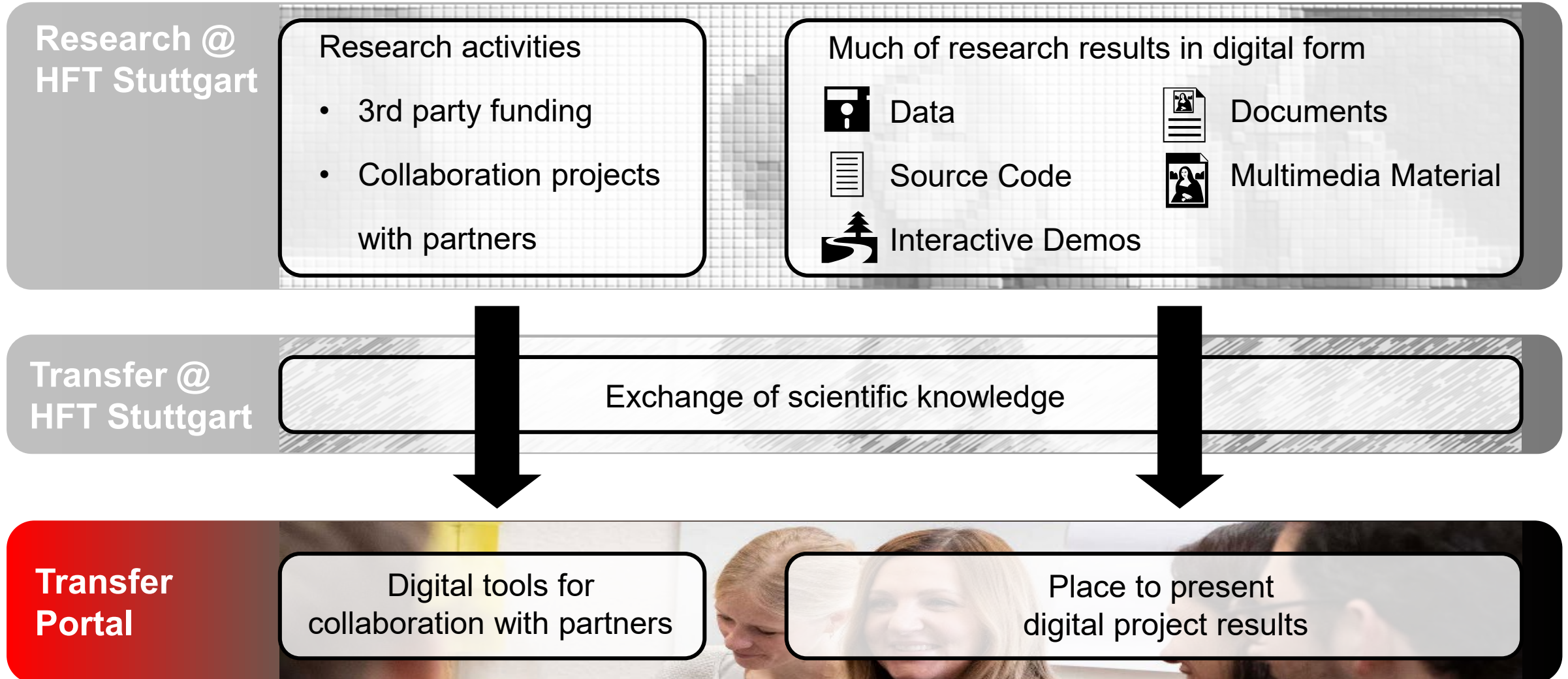
Transfer Portal at HFT Stuttgart

Digital Knowledge Transfer and Lessons Learned

Janto Skowronek, Rosanny Sihombing, Wolfgang Knopki, Rushikesh Padsala,
Patrick Wuerstle, Muddsair Sharif, Athanasios Koukofikis

Hochschule für Technik Stuttgart (HFT Stuttgart) – University of Applied Sciences

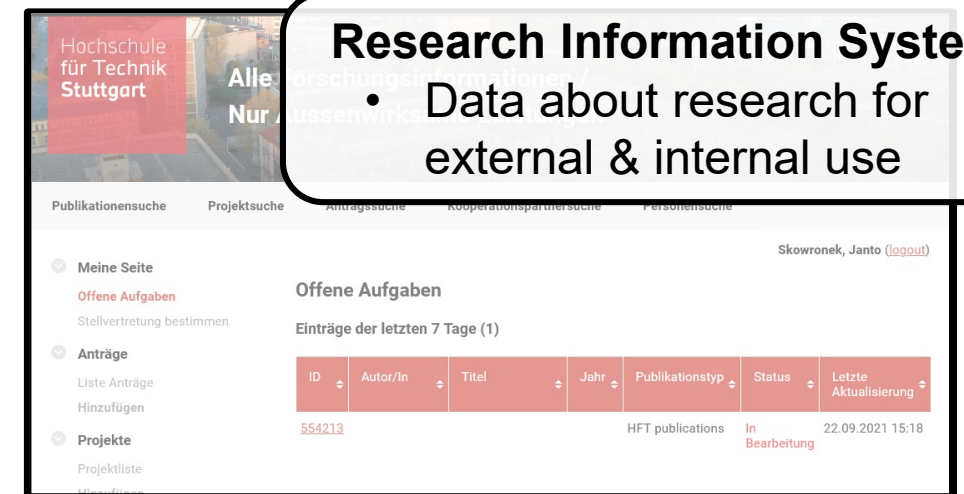
Motivation



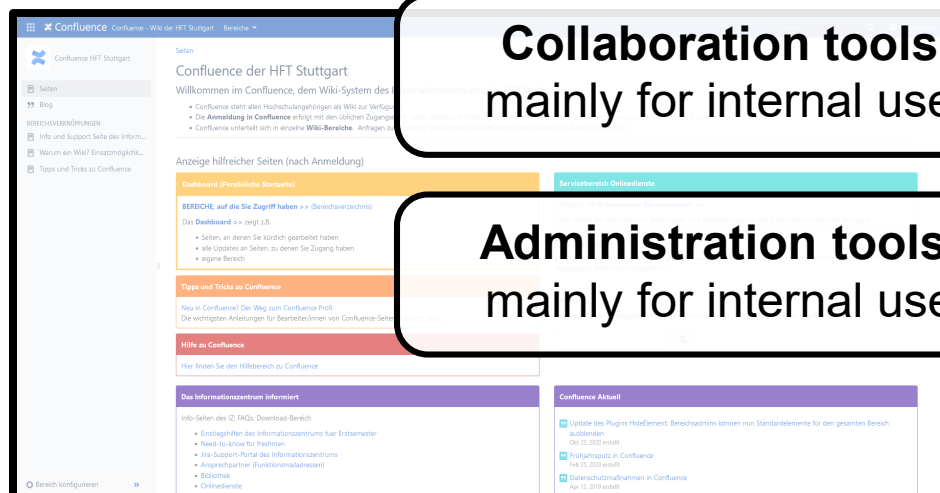
Digital Ecosystem @ HFT Stuttgart



HFT Website
„Window“ to general public



Research Information System
• Data about research for external & internal use



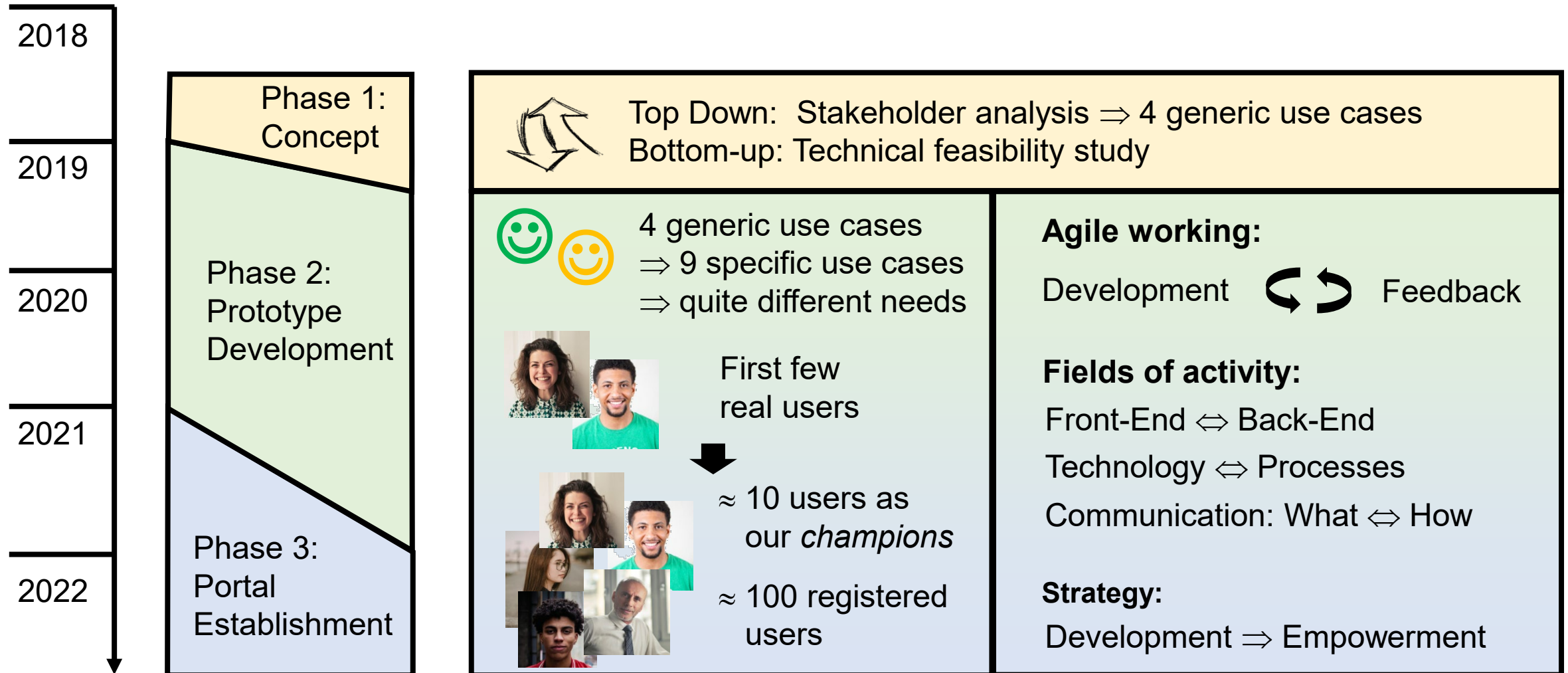
Collaboration tools
mainly for internal use

Administration tools
mainly for internal use



Transfer portal
• Data stemming from research
• Tools for collaboration with external partners

Development Phases

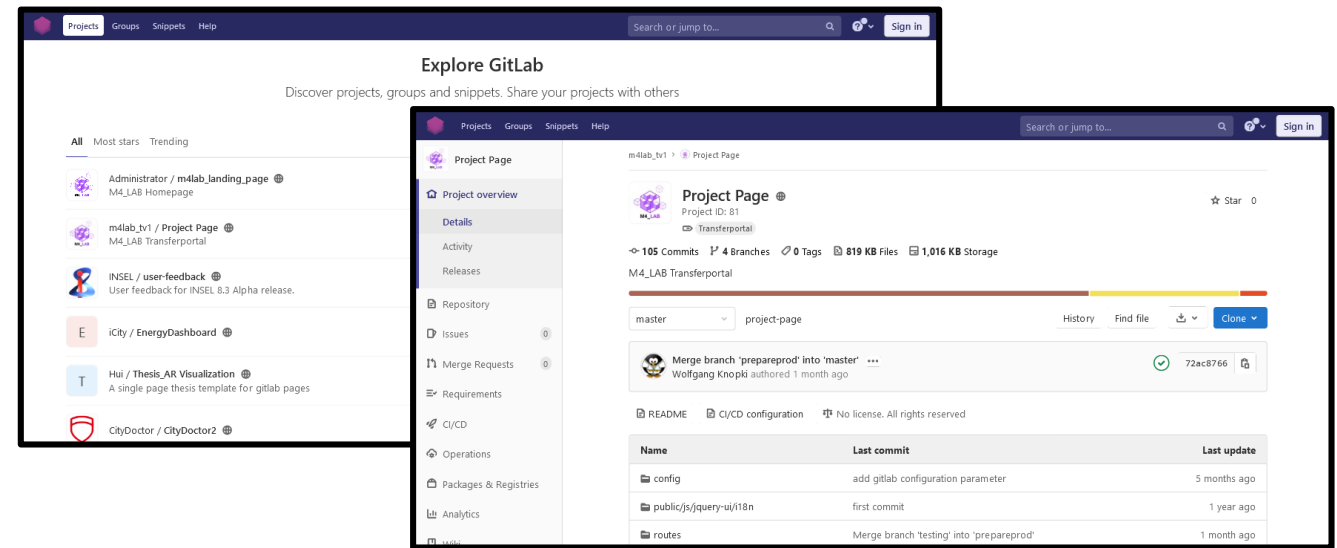


Portal Functionality (1)



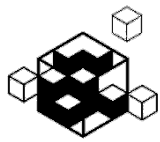
Place to
present digital
project results

Direct access to
project results
(Gitlab)

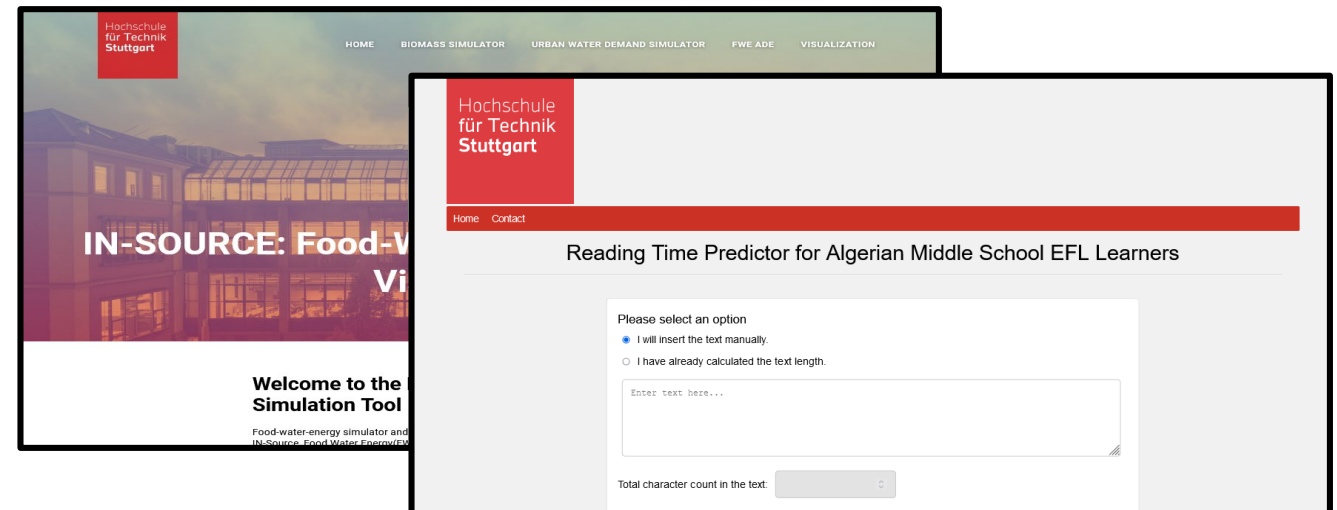


Digital tools for
collaboration
with partners

Present project
results using
(interactive)
websites
(Gitlab pages)



Digital tools for
special transfer
topics



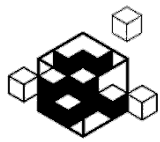
Portal Functionality (2)



Place to present digital project results



Digital tools for collaboration with partners



Digital tools for special transfer topics

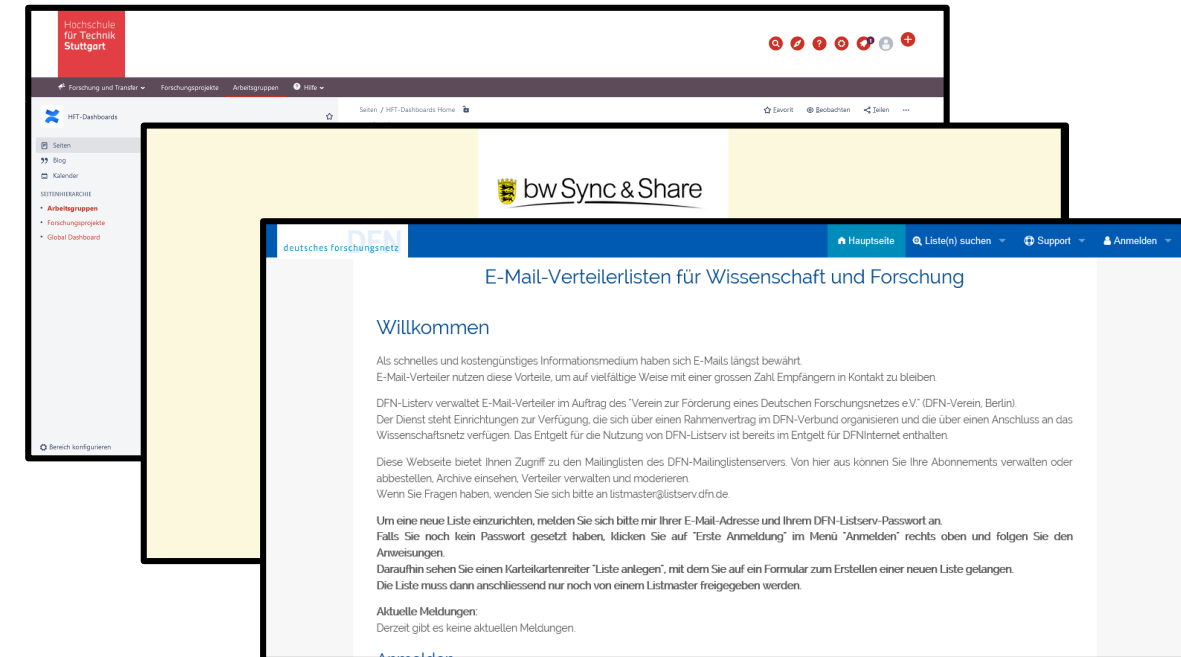
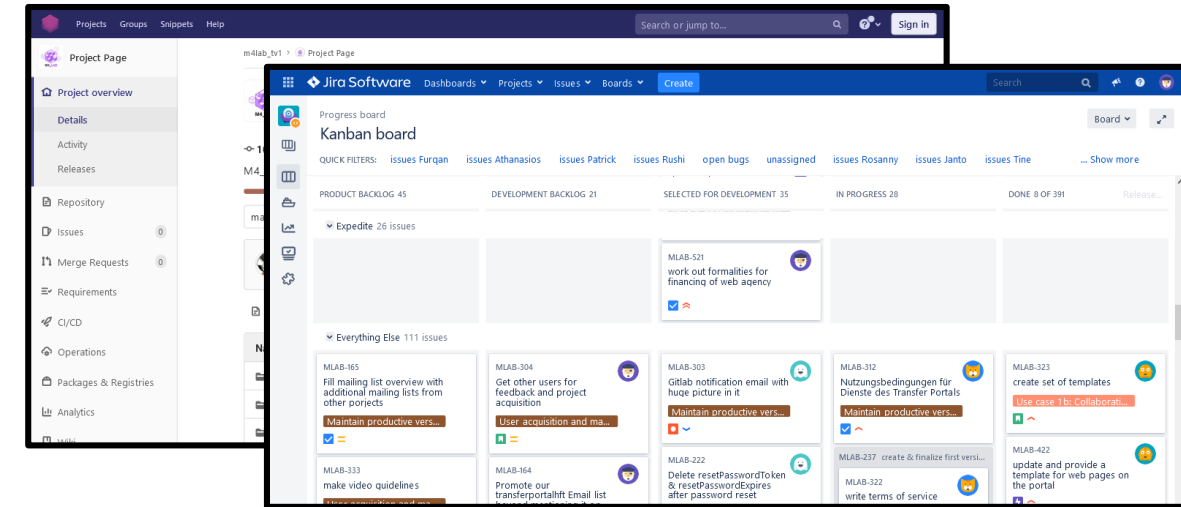
Task planning
(Jira)

Collaborative SW Development
(Gitlab)

Knowledge Base
(Confluence + Linchpin)

Easier access to existing services

- File exchange (BW Sync & Share)
- Mailinglists (DFN listserv)



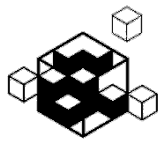
Portal Functionality (3)



Place to present digital project results



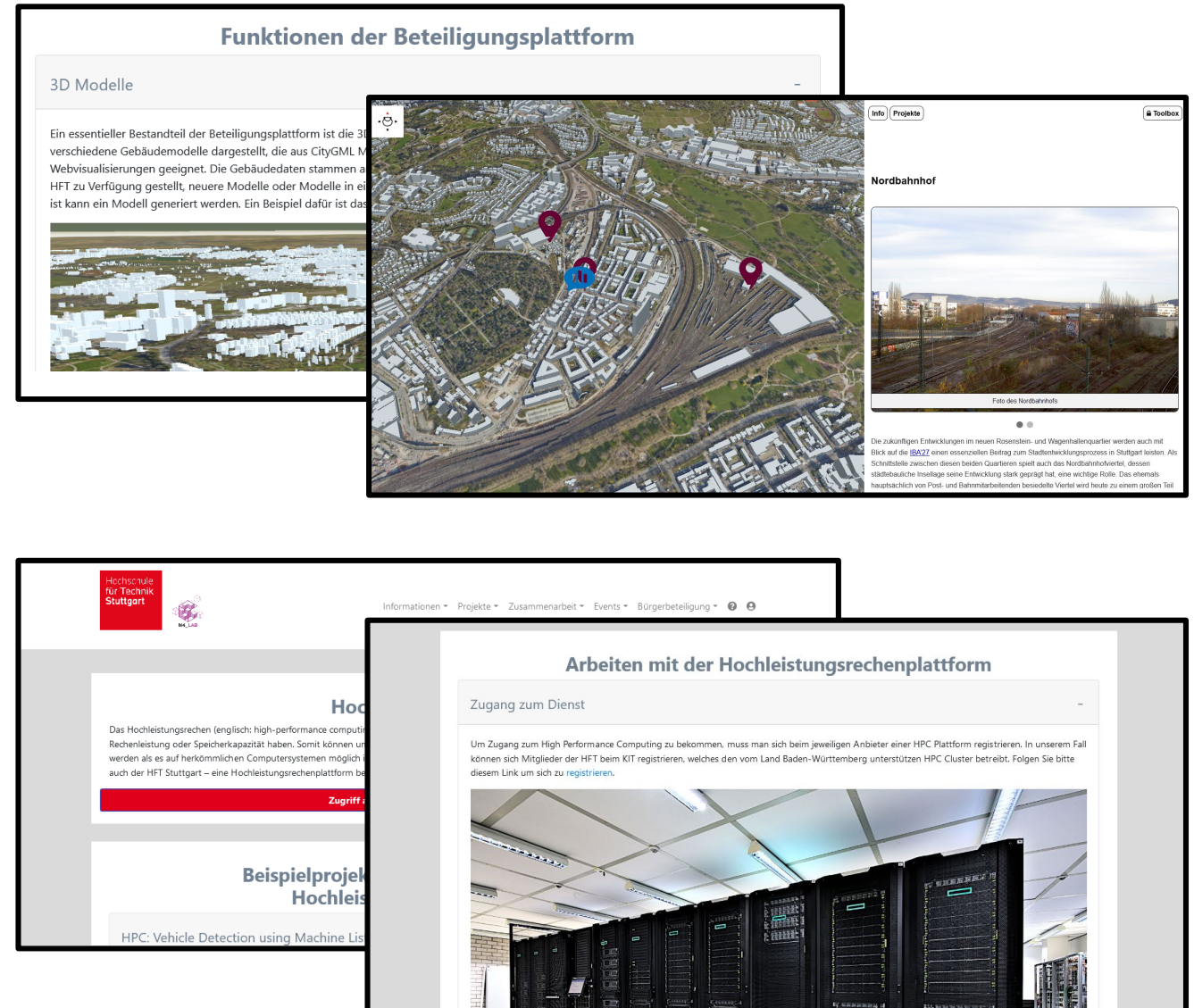
Digital tools for collaboration with partners



Digital tools for special transfer topics

Show case for Interactive Participation Platform

Easier access to High Performance Computing



Ongoing Developments

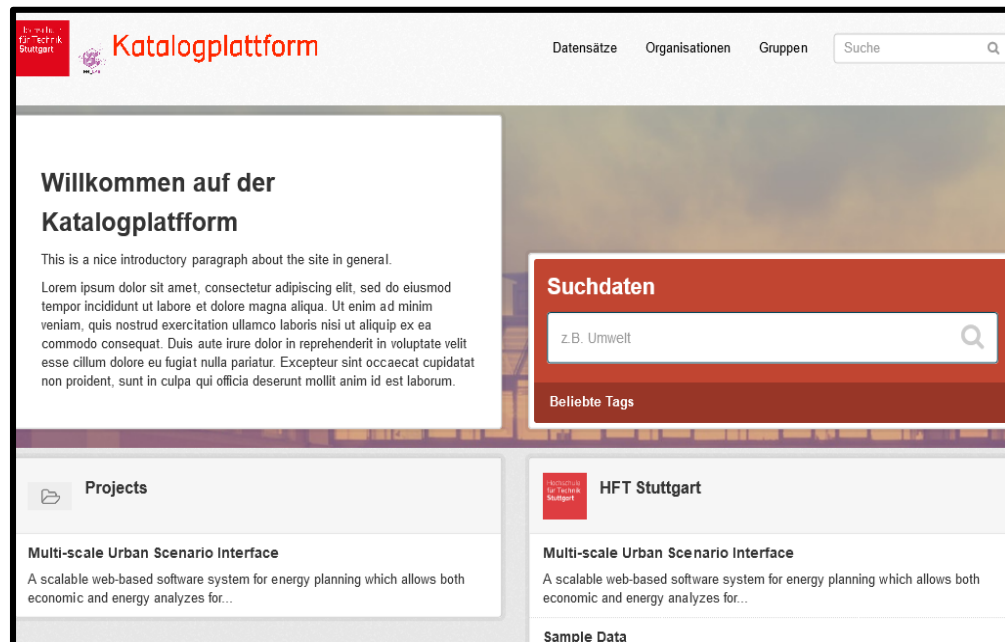
Focus so far:

- HFT members presenting results

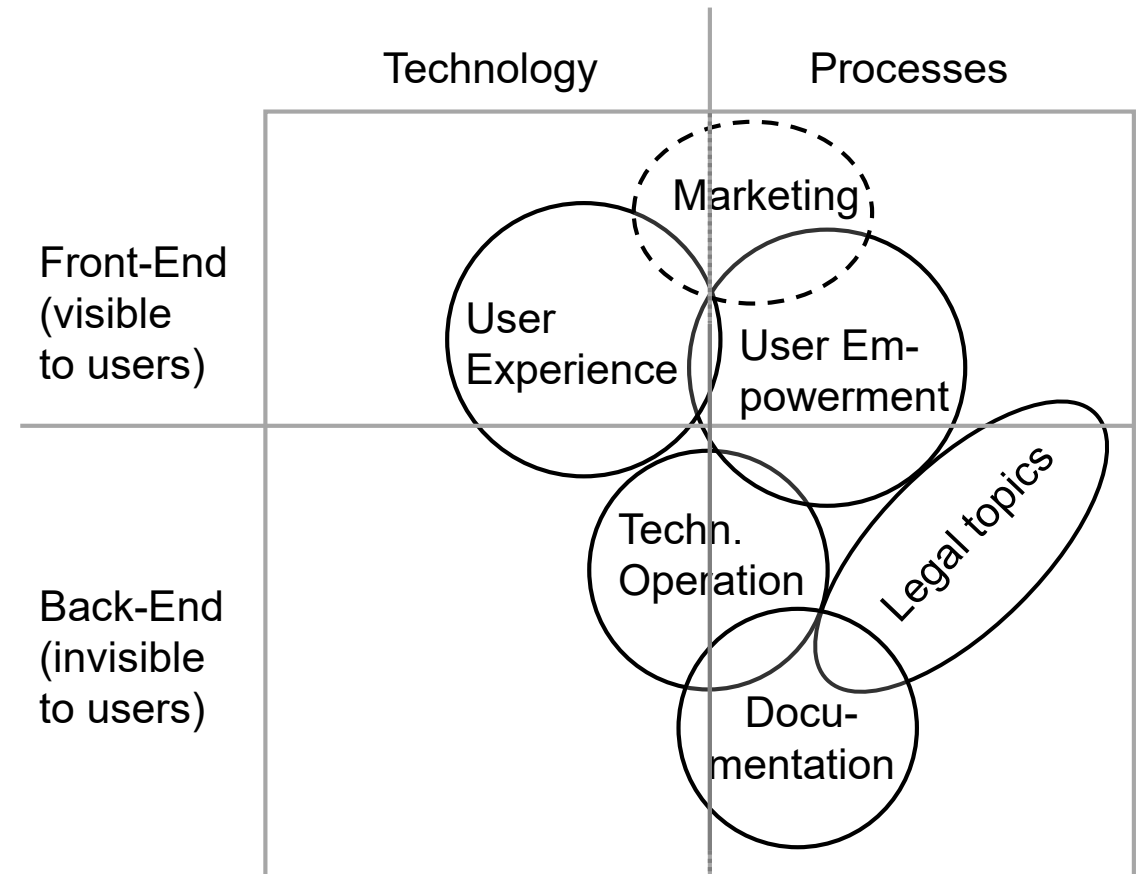
Missing perspective:

- Portal visitors finding those results

⇒ Catalogue platform



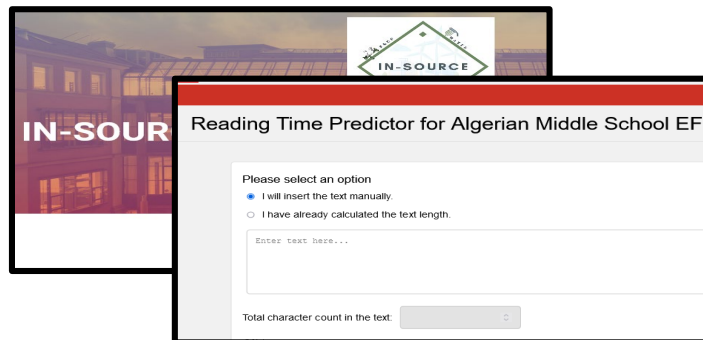
From prototype towards service in operation



Success Stories

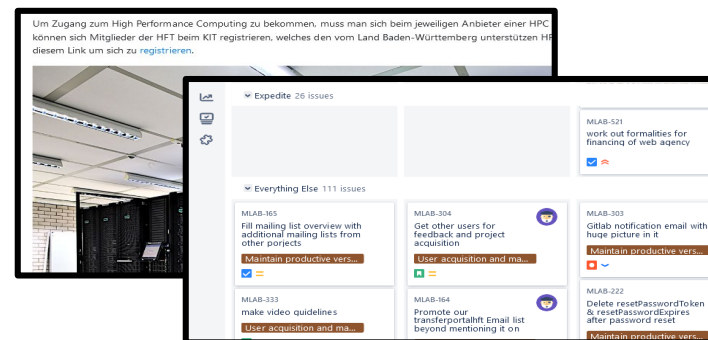
Summer 2021: 12 success stories

- Real project teams or individuals using portal
- Cover different functionalities



6 True Stories

- Project teams or individuals use the portal



4 Role Model Stories

- M4_LAB team or projects with support from M4_LAB use the portal

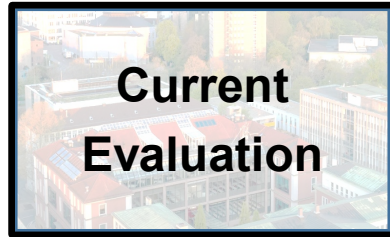


2 Context Stories

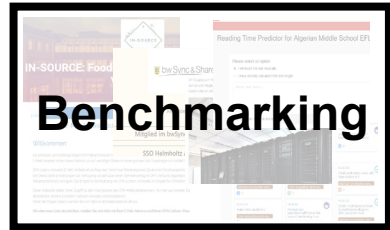
- Examples for our recommendations when to use or **not** to use the portal

❗ Numbers possibly misleading, some stories exemplary, i.e. multiple projects behind one story

Open Questions: Robust Evaluation



- Portal Review Sessions, Success Stories, Small-scale Usability Test
- Qualitative evaluation $\Rightarrow$ ok
- Bias? Scalability?



- Question: Portal specifically tuned for HFT needs
 $\Rightarrow$ How to compare with other portals?
- Potential Approach: Exchange with other universities who also have portal



- Question: What are meaningful and appropriate quantitative measures?
- Non-Preferred Approach: Web tracking, as benefits vs. disadvantages unclear
- Potential Approach: Quick user surveys (“5-star rating”)

Conclusions

Portal development = 🔧 technology + ▶▶ processes + 💬 communication

- ⇒ Plan for required resources beyond technology development
- ⇒ Account for different needs & user groups

Feedback is essential

- ↻ Agile approach helped during development & establishment phases
- ? Robust evaluation non-trivial issue



To have real transfer taking place over the portal, the system needs to fulfill the transfer needs of HFT, and the system itself and we as team need to invite to do so

Acknowledgements

M4_LAB Portal Team:

Team members, Mentors, Supporters & Close Collaborators



A.K.



J.S.



M.S.



G.L.



G.W.



V.C.



N.N.



R.S.



W.K.



F.I.



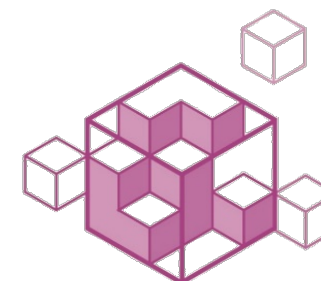
P.W.



R.P.

Contact:

janto.skowronek@hft-stuttgart.de or support-transfer@hft-stuttgart.de



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