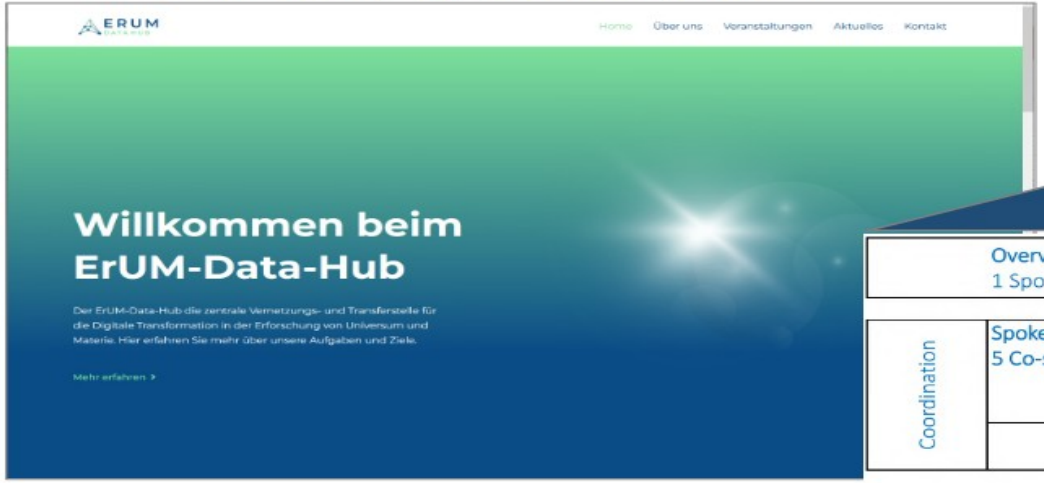
ErUM-Data-Hub

www.erumdatahub.de

Financially supported by BMBF

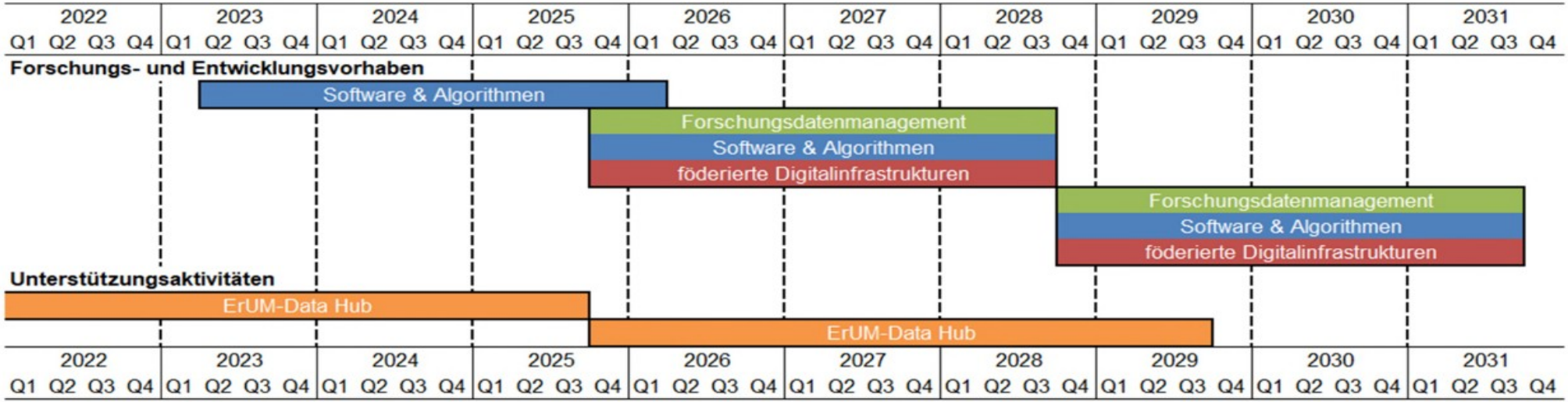


Community Organization DIG-UM

Strategic Discussions

	Overview Board (OB) 8 ErUM Committee Chairs, 1 Resource Provider Board Chair, 1 Spokesperson, 1 BMBF Representative, 1 PT-DESY Representative				
Coordination	**Spokesperson / 5 Co-spokespersons**	**Digitization Board (DB)** 1 Spokesperson, 5 Co-spokespersons, 8 Experts from ErUM committees, 1 Resource Provider Representative	**Resource Provider Board (RB)** 10 Resource Provider Representatives		
	Annual Conference of the ErUM-Data Working Groups				
Topic Groups	**Federated Infrastructures** Coordinators, Experts *Compute power Utilization Workflows* ...	**Big Data Analytics** Coordinators, Experts *Algorithms Autonomization Control & Preservation* ...	**Research Data** Coordinators, Experts *Data models Management Curation* ...	**User Interface** Coordinators, Experts *Scientists' questions Developers' work User support* ...	**Knowledge Distribution** Coordinators, Experts *Workshops Schools* ...

BMBF preliminary work plan on ErUM-Data funding schedules, under discussion



ErUM-Data-Hub

Organization of Workshops and Schools

Participant fees moderate (→low threshold)

Made possible by excellent financial support of BMBF

Transfer event: Hanover Messe 2023

Recruitment → currently important challenge: Teamleader, Referent:in

Referent: Peter Fackeldey

Kommunikation & Eventmanagement: Angela Warkentin

Unterstützung (Sekretariatsarbeiten): Jana Moser

Technische Unterstützung: Dr. Andreas Nowack

ErUM-Data/DIG-UM Federated Infrastructures

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Federated Infrastructures Mission

- Providing a distributed computing infrastructure in order to enable data taking, data processing and data archiving – this includes large data volumes and data of large diversity – including the required network backbone with sufficiently high bandwidth
- In future German computing resources need to support a larger number of users and therefore need to be combined to federations. ErUM scientists have to be able to access and use these resources in an easy and efficient way. The mid term target therefore needs to be to create an ErUM Data Science Cloud consisting of such a merger of German computing resources.

Concrete work program

- We wrote a document collecting the state of art in our 8 comittees
- In this document we identified
  - Current computing and storage infrastructures
  - Already federated infrastructures
  - Current issues which need to be adressed
  - Infrastructures which are planned to be federated
  - Basis for future discussions
- The document will be published on the Erum-data-hub web page