



RIS
SYNERGY

IMPLEMENTING CRIS INTERFACES WITH RIS SYNERGY: CHALLENGES AND OPPORTUNITIES OF A MULTIDISCIPLINARY BOTTOM-UP APPROACH

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Der Wissenschaft



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für musik und
darstellende
kunst wien



akademie der bildenden künste wien

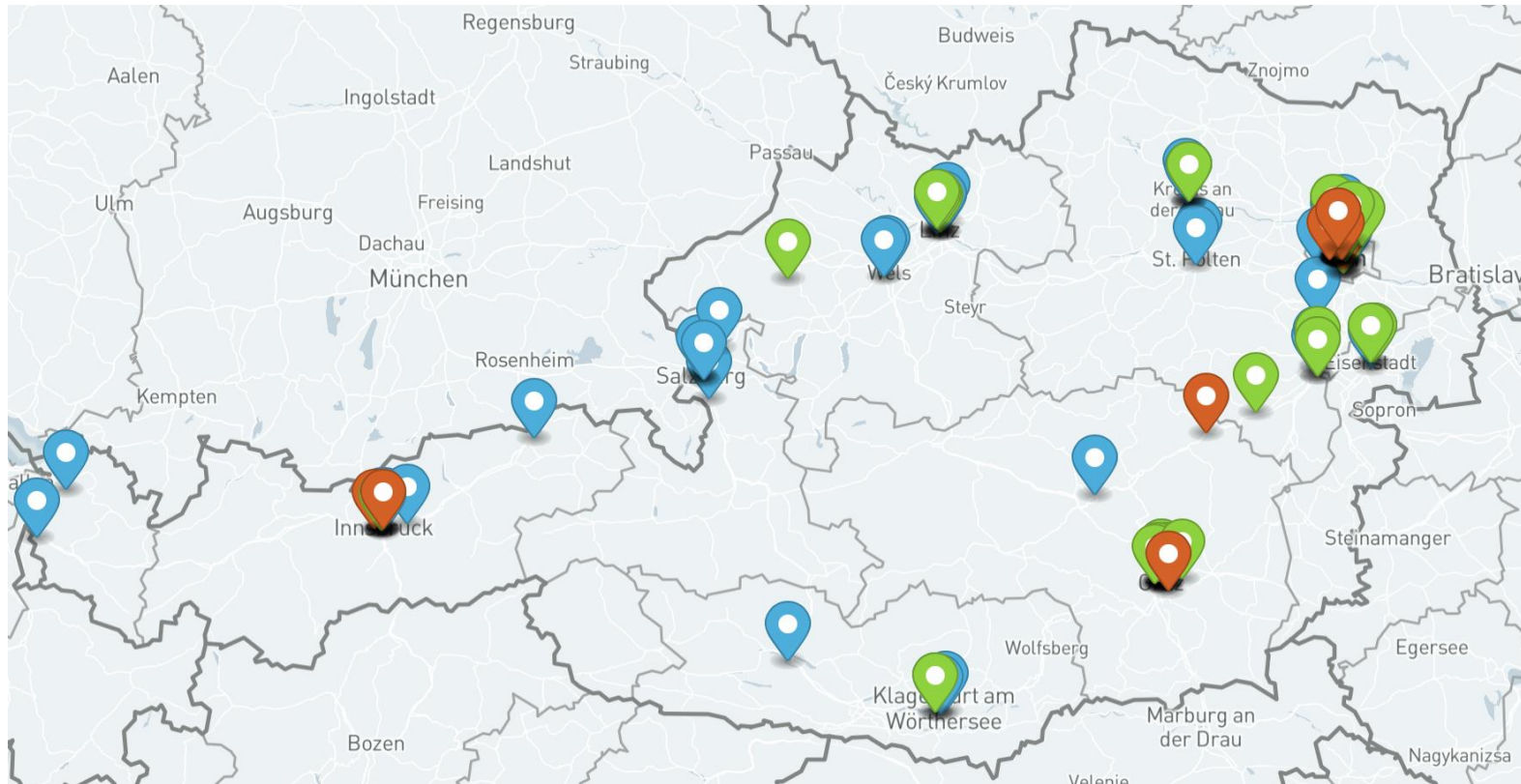


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THE AUSTRIAN RESEARCH LANDSCAPE



Research institutions:

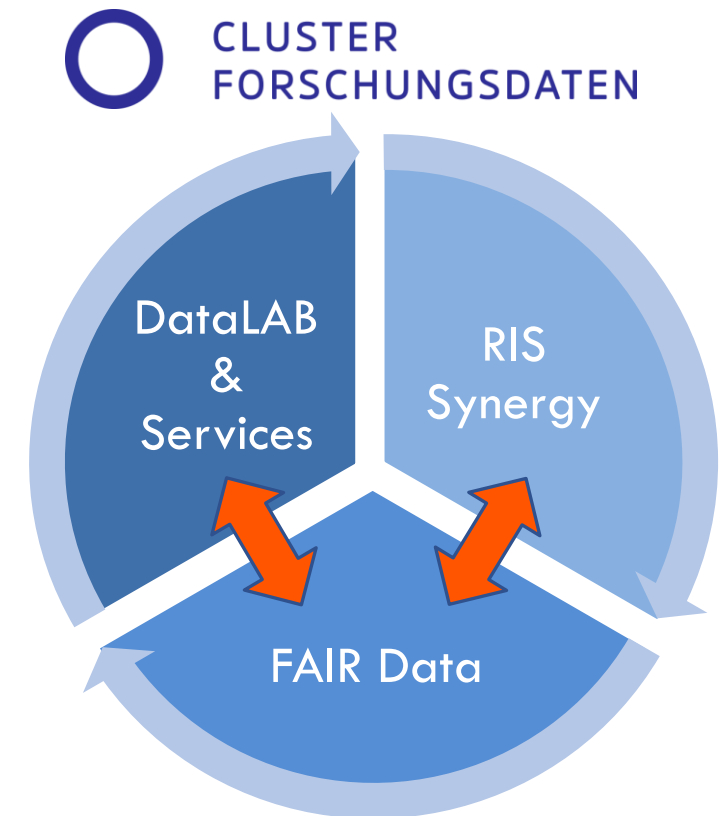
- 22 public universities, universities of applied sciences, private universities, research institutes and companies

Funding institutions:

- Distribution of funds through various funding organisations supported by the federal government

KEY FACTS

- Launch in March 2020 at TU Wien
- Financed by the Federal Ministry of Education, Science and Research
- Project Partners: 12 universities and 3 funding organisations
- Objectives:
 - Optimising administrative support for research projects
 - Easing administrative efforts for researchers
 - Increasing data quality and transparency for research institutions, funding organisations and public bodies
 - Raising the international visibility of Austrian research



INTERFACES

- **Standardised exchange of metadata and research information** such as project data, publications and grants
- **Open metadata standards** to increase data quality, transparency and security and enable diverse and permanent use of research information
- **Open source** and available for reutilisation

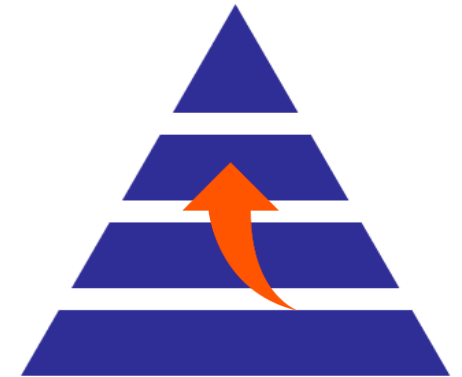
CONCEPT STUDY AUSTRIAN RESEARCH PORTAL

Framework conditions and **recommendations** for the development of a national research portal which

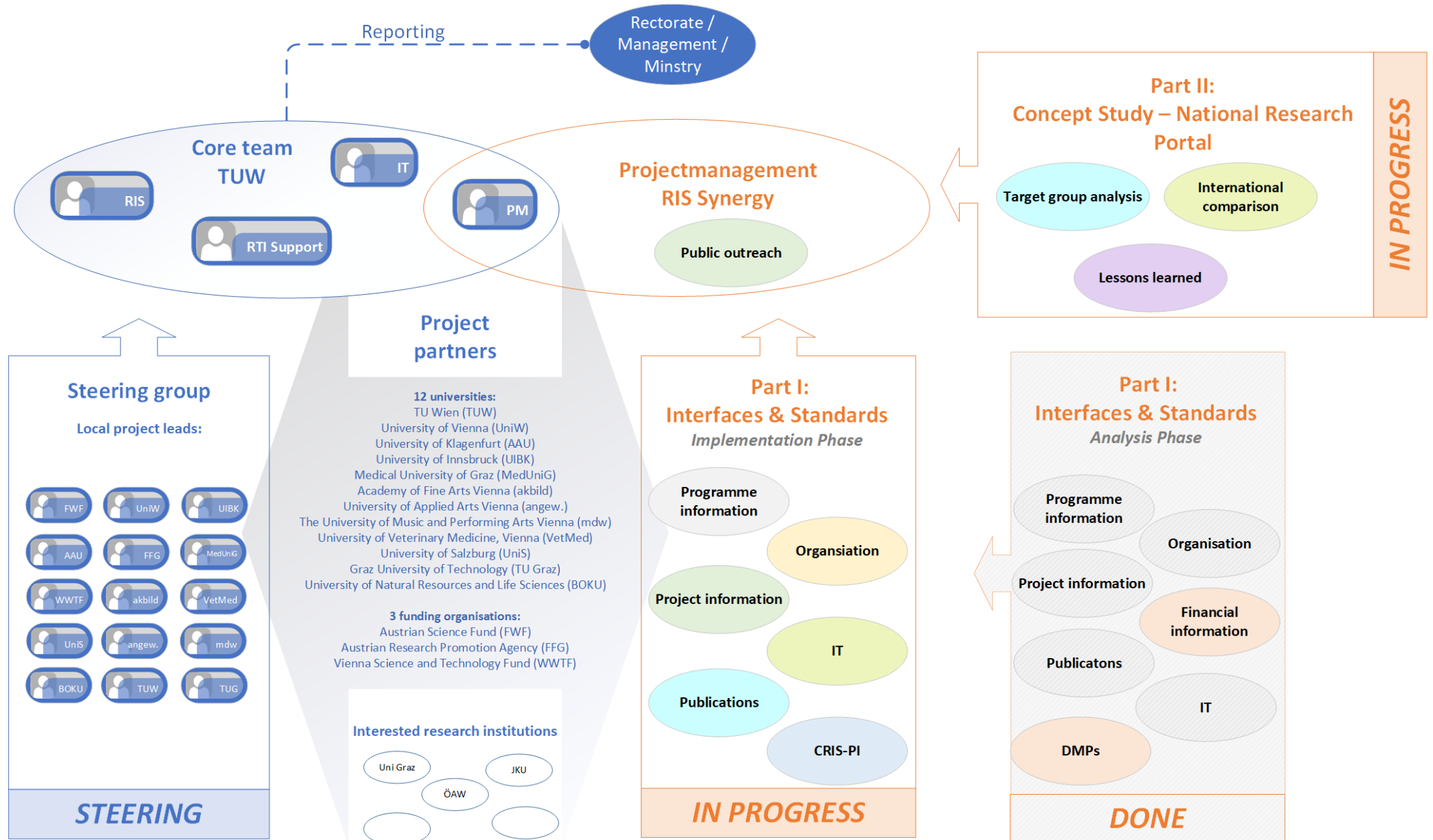
- are based on **RIS Synergy interfaces**
- corresponds with the **needs** of the Austrian research landscape and incorporate **synergies** with existing projects
- provides the **technological and content-wise requirements** as a basis for (subsequent) implementation and further development

RIS SYNERGY AND A BOTTOM-UP APPROACH

- Solution-oriented
- Driven by **needs and requirements**
- Collaboration among **mid-level** management departments:
 - Research support services
 - Library services
 - IT departments
- Common thread for all aspects from project management to working groups

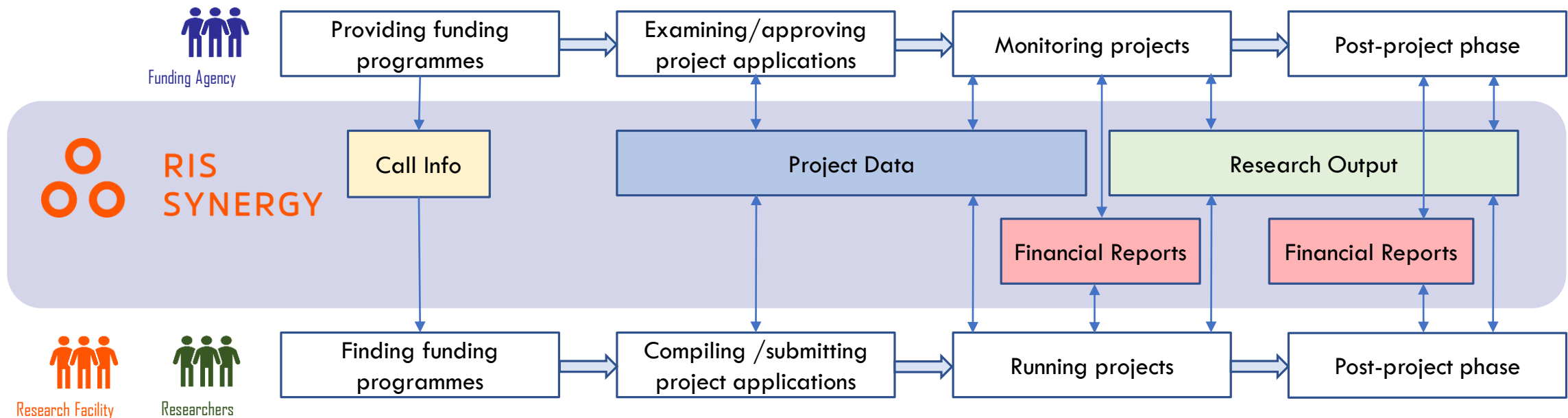


ORGANISATIONAL MODEL



DEFINING A COMMON UNDERSTANDING (1/2)

Meta process: Research project life cycle *(simplified)*



DEFINING A COMMON UNDERSTANDING (2/2)

Begriff (de) → Eingabetool (GUI)	Begriff (en) → Eingabetool (GUI) Feldname (englisch)	Begriff (en) → Schnittstelle	Definition (de)	Definition (en)	Vocabulary	Link zu Felder- und Feldbeschreibung
Finanzierung	Funding	Funding		Funding is an amount of money or an inkind equivalent value.		
Förderart	Funding type	Type	Förderart.	The type of the funding.	Funding type - Vocabulary	

GLOSSARY (e.g. **FUNDING**)

VOCABULARY (e.g. **PROJECT TYPE**)

Begriff (de)	Begriff (en)	Definition (de)	Definition (en) → CERIF
Forschungsförderung	Research Project		A project with a specific set of anticipated research outputs to be produced over a specific time-frame.
Auftragsforschung	Contract Research		A project funded for an expected outcome (normally specified by the funder).
Kooperative Forschung	Collaborative Research		(The work undertaken by a person during) a funded research degree which involves an external agency as part of or host to the research work (e.g. a research council collaborative doctoral award).

PROJECT MANAGEMENT

Collaboration between funders & universities:

- Democratic participation process
- Multidisciplinary framework
- Online working environment & in-person meetings

ONLINE WORKING ENVIRONMENT

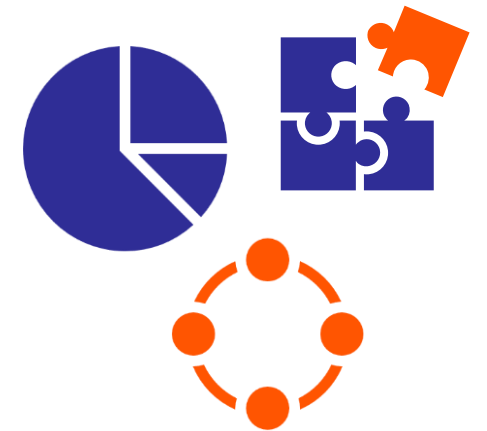
 Confluence

 Jira Software

 Microsoft Teams

DECISION-MAKING PROCESS

- **Shared** process with ripple effect
- Implementation is **elective** and **optional**
- **Weighted** decision-making process in line with commitment of project partners



STANDARDISATION & IMPLEMENTATION

STANDARDS



PIDs



Connecting Research
and Researchers

IMPLEMENTATION

- Data interfaces based on CERIF XML & OpenAire Guidelines for CRIS managers
- Open-source solutions
- Decentralised architecture

SUMMARY & OUTLOOK

RIS SYNERGY TOOLBOX

→ to implement
change and
digitisation in the
research support
sector

