



RIS  
SYNERGY

# PROJECT PRESENTATION

SYMPOSIUM CLUSTER FORSCHUNGSDATEN, MAY 2022

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TECHNISCHE  
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FORSCHUNGS- UND TECHNOLOGIEFONDS

# HOW IT ALL BEGAN...

*... Have you ever considered how much **research information** researchers and research support staff need to manage during a **research project**?*



**Provide & find call info** →

**Write & submit proposals** →

**Evaluate proposals** →

**Conduct projects** →

**Monitor projects** →

**Post project phase** →

- Name PI
- Project team
- Institutions
- Institutes
- Keywords
- Abstract
- Scientific disciplines
- Contact Info
- Personnel costs
- Non-personnel costs
- Duration
- Funding
- Status of project
- Overheads
- In-kind contributions
- Signatures
- Bank details
- SAP numbers
- ...

→   
Funder Database

→   
University Database

→   
ORCID

→   
Website

→ 

# WHERE DOES ALL THE INFORMATION GO TO?

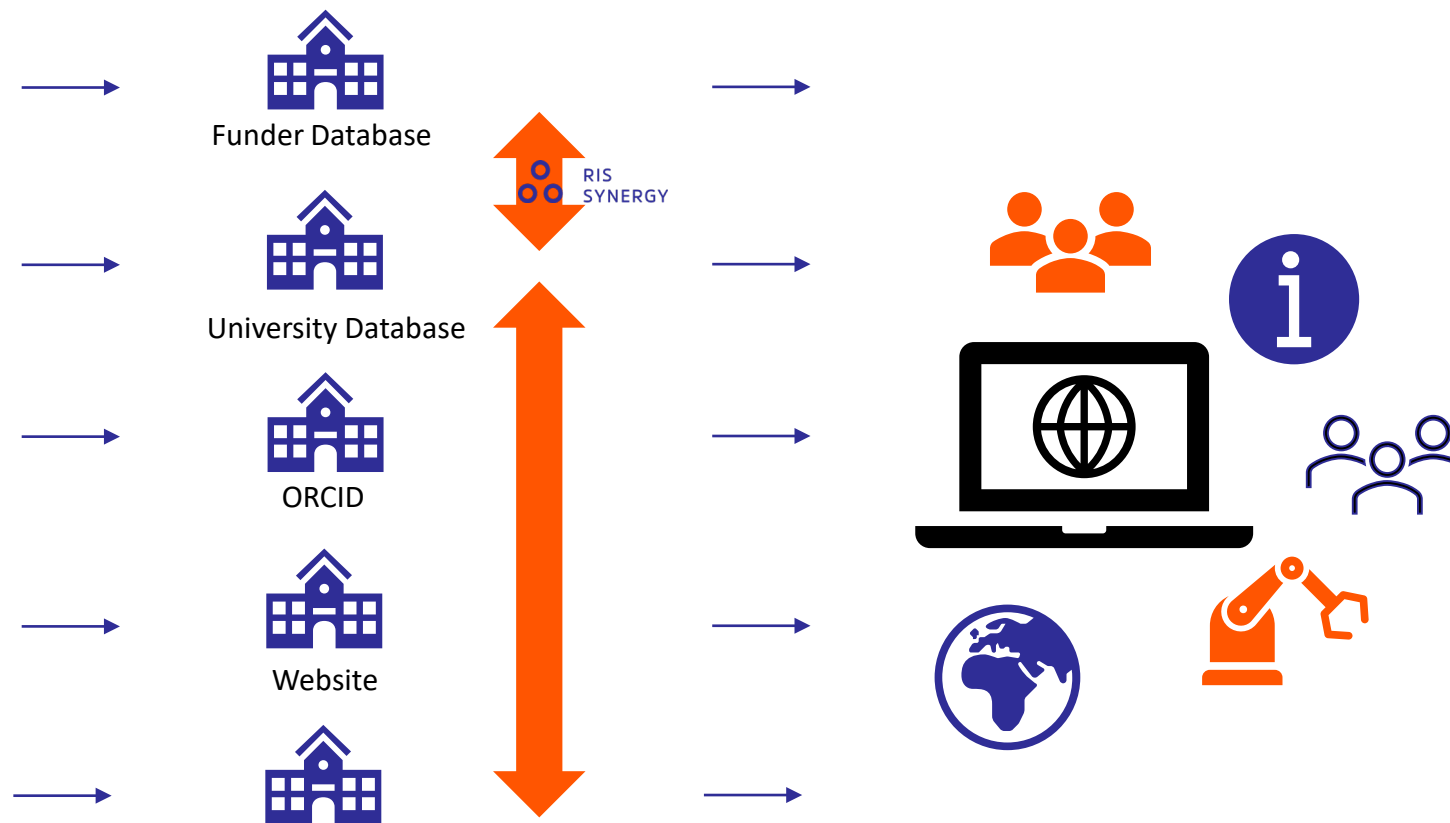
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# WHAT IS MISSING?

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## ONCE-ONLY PRINCIPLE

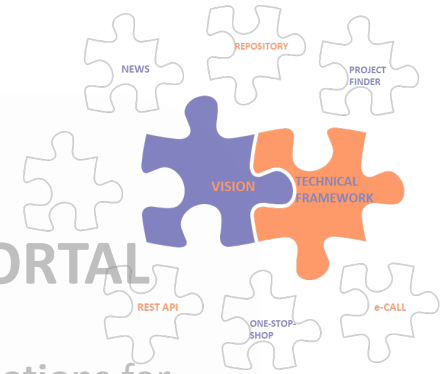


# GOALS OF THE PROJECT

## INTERFACES

- **Standardised exchange of metadata and research information** reduces the effort and susceptibility to errors in the course of double entries for science and administration.
- **Open metadata standards** increase data quality, transparency and security and enable diverse and permanent use of research information in accordance with the FAIR principles.
- Gained resources **increase efficiency and time for high-quality support** in research projects.

## CONCEPT STUDY AUSTRIAN RESEARCH PORTAL



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

- which correspond with the **needs** of the Austrian research landscape
- where **synergies** are used and existing projects are integrated
- which provides the **technological and content-wise requirements** as a basis for (subsequent) implementation and further development.

# A day in the life of a researcher



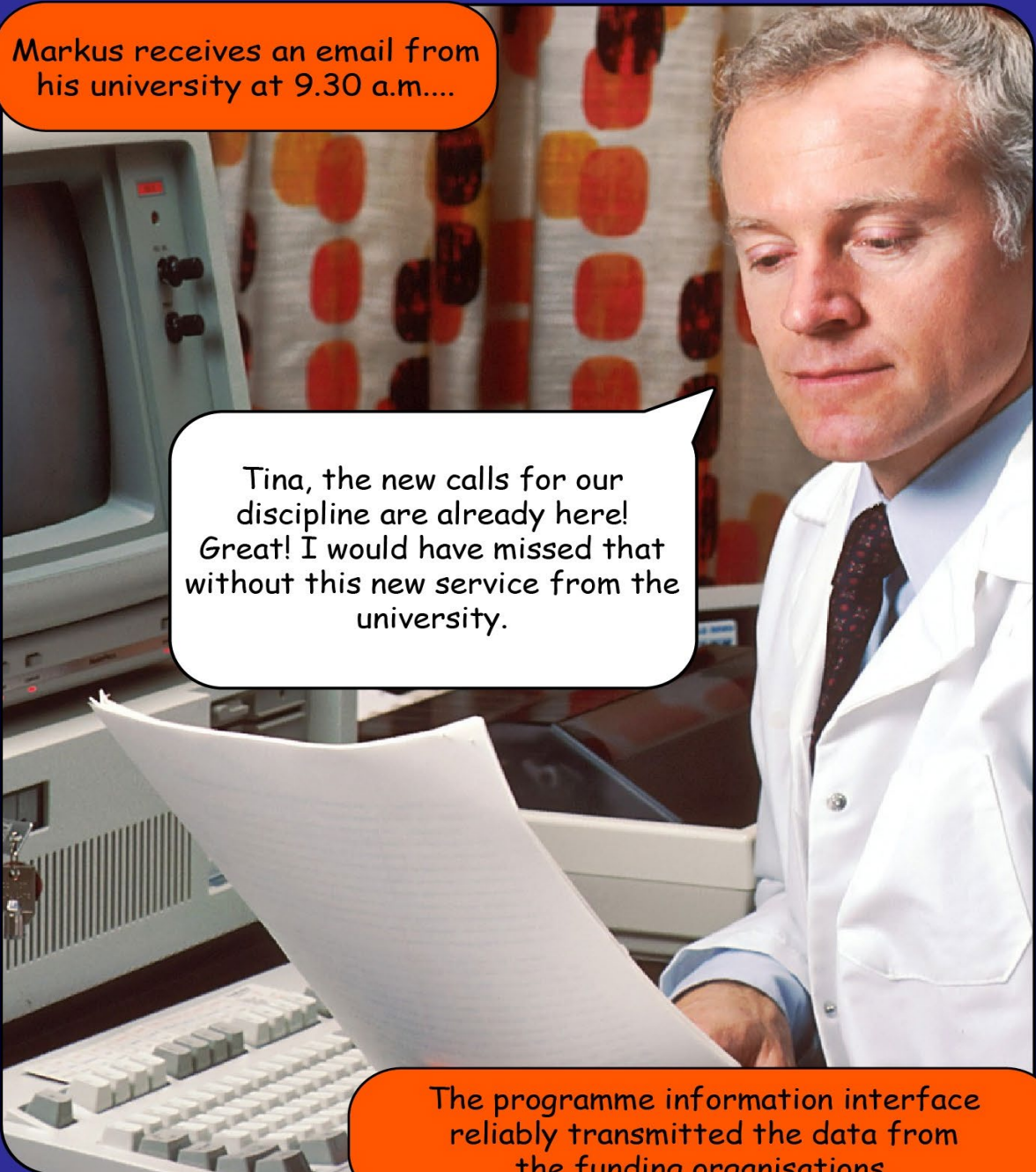
RIS  
SYNERGY



In a perfect RIS Synergy reality...



Tina and Markus are researchers after the implementation of RIS Synergy in 2024. All interfaces that were developed in the project are in use at Tina and Markus' university. Today we accompany them and see how the project affects their everyday work.



Markus receives an email from his university at 9.30 a.m....

Tina, the new calls for our discipline are already here! Great! I would have missed that without this new service from the university.

The programme information interface reliably transmitted the data from the funding organisations.

In the meantime, Tina is about to submit two project proposals that they have been working on over the past few months.

---aaand send!....



Do you remember?  
We used to enter this information  
in four different places.  
Unimaginable!

Thanks to the project data interface,  
there is more time for other things like sharing  
ideas with colleagues.



Oh dear, one of the project proposals was returned.

Application  
incorrect / incomplete!



Markus calls the Research Service Department:

That should do the  
trick!



Thanks to the interface transmitting organisational charts, Tina's project application was not only approved, but also automatically sent to all authorised signatories - looks like Tina is having a great day at work!



Another signature here ... and not at the last minute for once. I'll remember this one!



The changes are also well received in the rectorate!

Shortly before closing time:  
Markus logs into the local CRIS.

Tina, help me out!  
What is the DOI of our  
current publication again?



Tina calls her funding organisation:

We have just entered our  
publication data;  
you should have it soon.

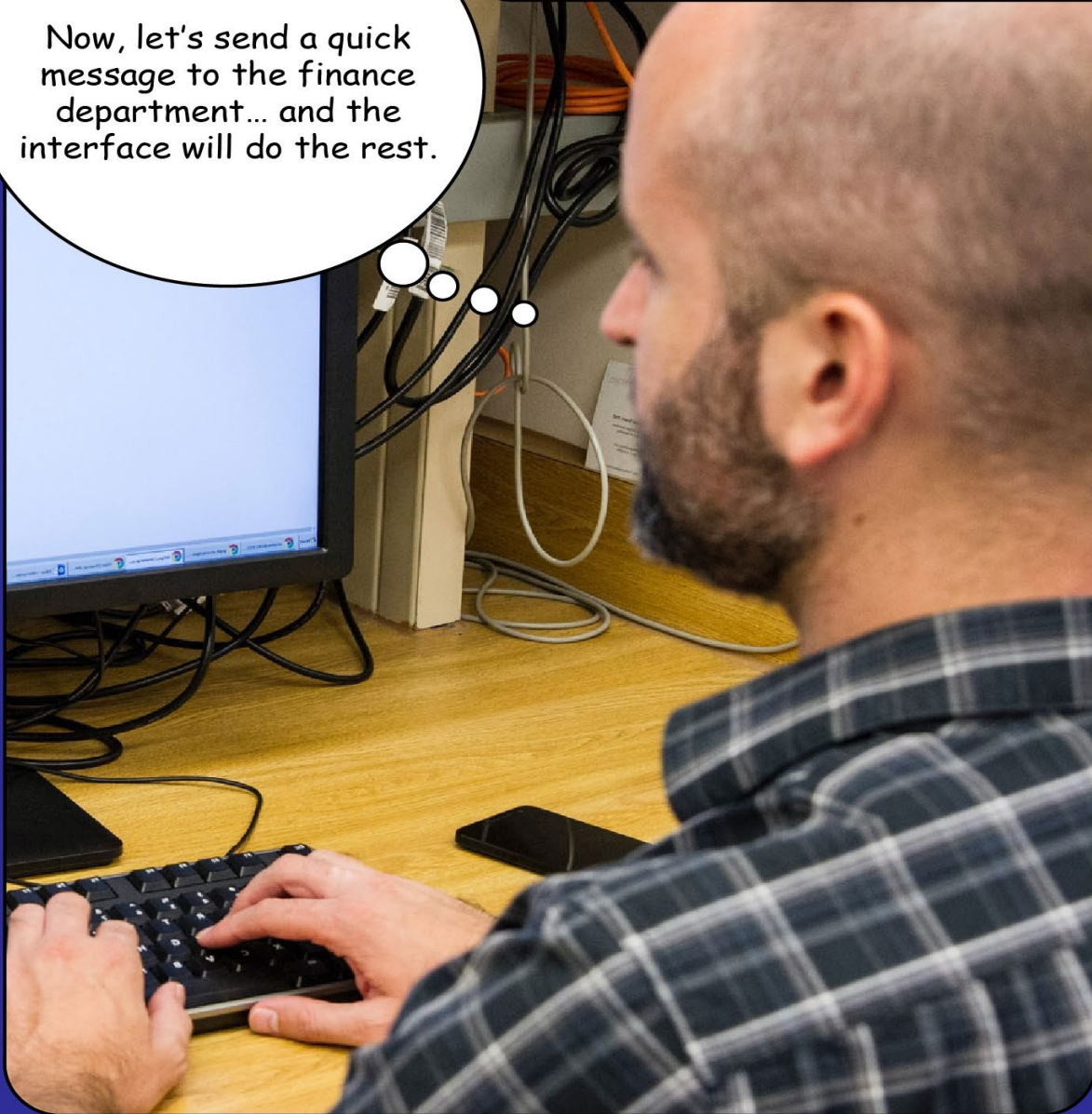
Old news;  
I've already seen it!



Now this puts the fun into funding  
administration!

The last to-do of the day:

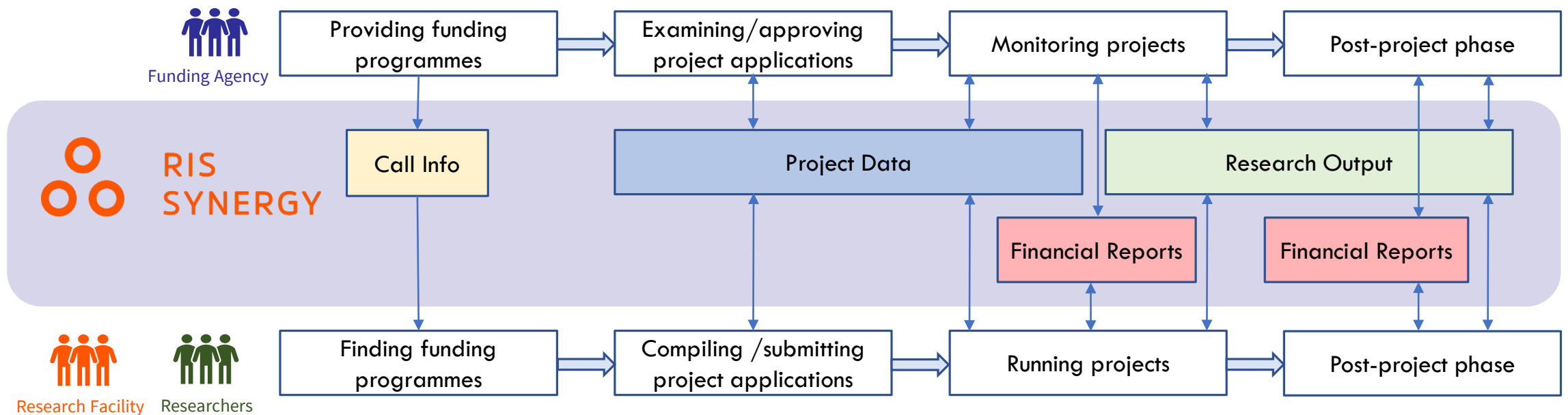
Now, let's send a quick message to the finance department... and the interface will do the rest.



More time for research at last!





# DEFINING A COMMON UNDERSTANDING

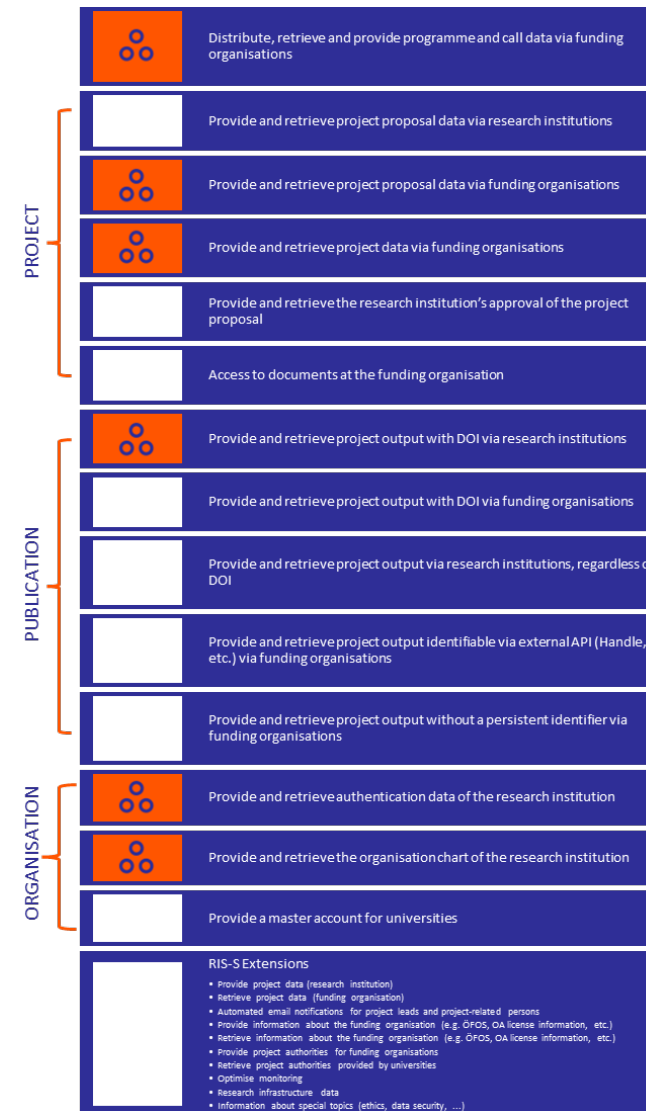
## Meta process: Research project life cycle *(simplified)*



# USE CASES

## Prioritising RIS Synergy Use Cases

- Analysis 
- Definition, Vocabulary & Glossary 
- Common understanding ...ongoing
- Decision: Shared Process  
- Implementation ...ongoing



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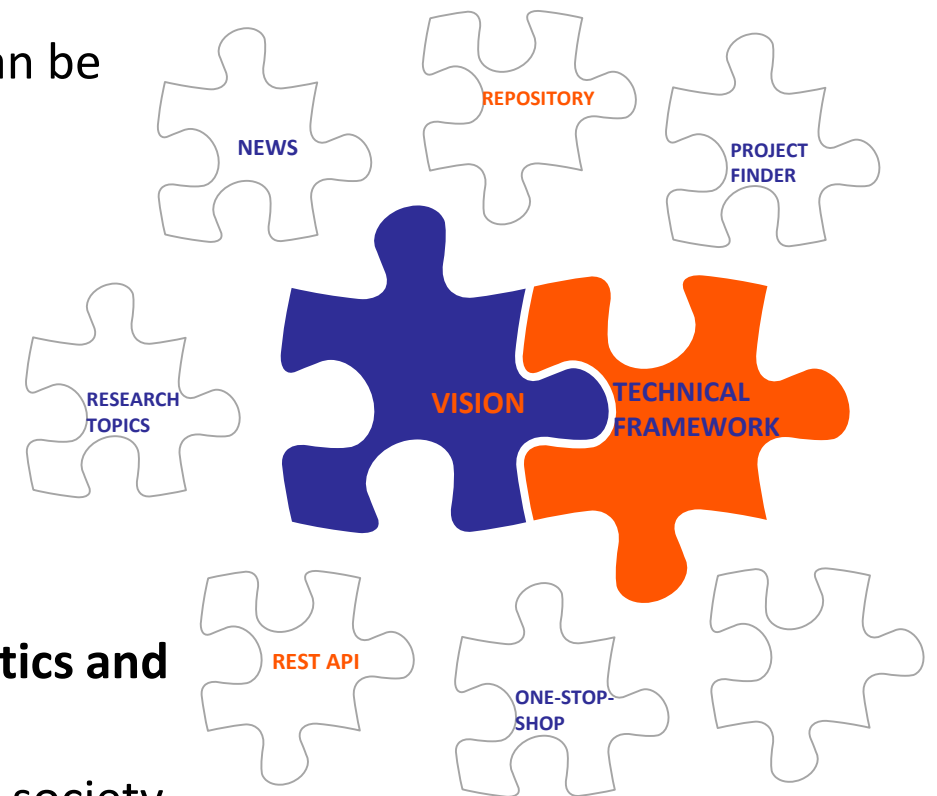
# VISION: CONCEPT STUDY RESEARCH PORTAL

**Research successes** and Austrian **research competence** can be presented and searched for specific topics:

- ... Finding **experts and collaboration partners**
- ... Identifying **strong research topics**
- ... Access research **output** (publications and data)
- ... Display research projects and initiatives

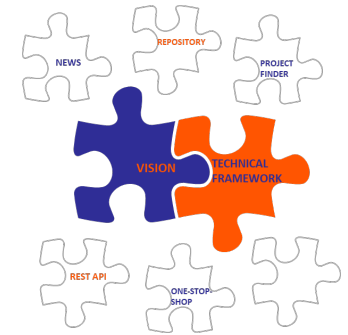
Additional added **value** by

- Gaining **international visibility**
- Allowing **networking** for and between **science, politics and business**
- Providing **information** for the interested public and society





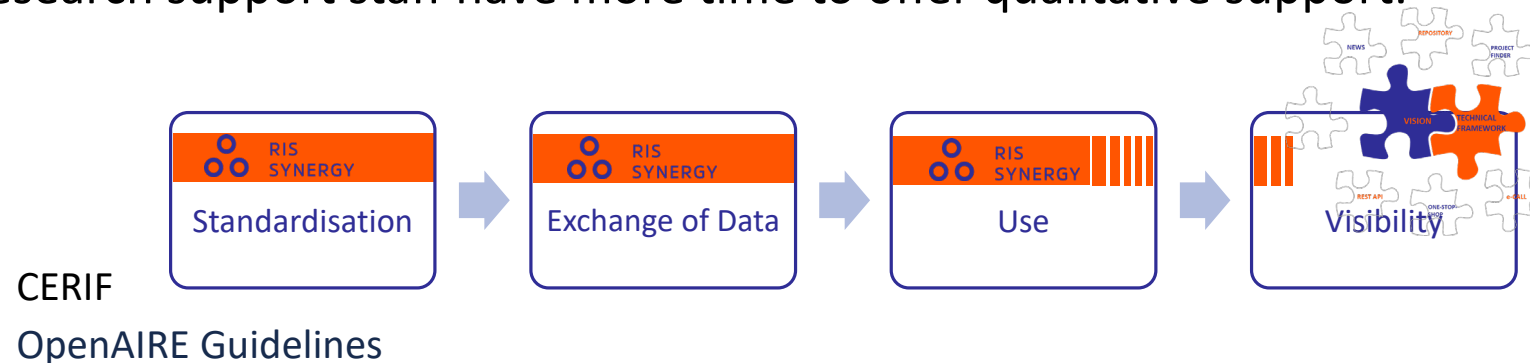
# NEXT STEPS: CONCEPT STUDY RESEARCH PORTAL



- Identifying stakeholders ✓
- Analysing European systems and identifying best practice examples ✓ Have a look! [Screencast](#)
- Identifying synergies and potentials with other projects ✓ ...ongoing
- Get in touch with other projects and best practice systems ✓ ...ongoing
- National survey on the needs of the Austrian research landscape ...coming soon
- Defining the framework conditions and recommendations related to requirements and functionalities of a national research portal for Austria. ...ongoing

# HOW IT WORKS...

RIS Synergy's out-of-the-box **interfaces** will be adopted by a wide range of interested organisations. Using the interfaces, researchers gain more time for developing new ideas, conducting research, and research support staff have more time to offer qualitative support.



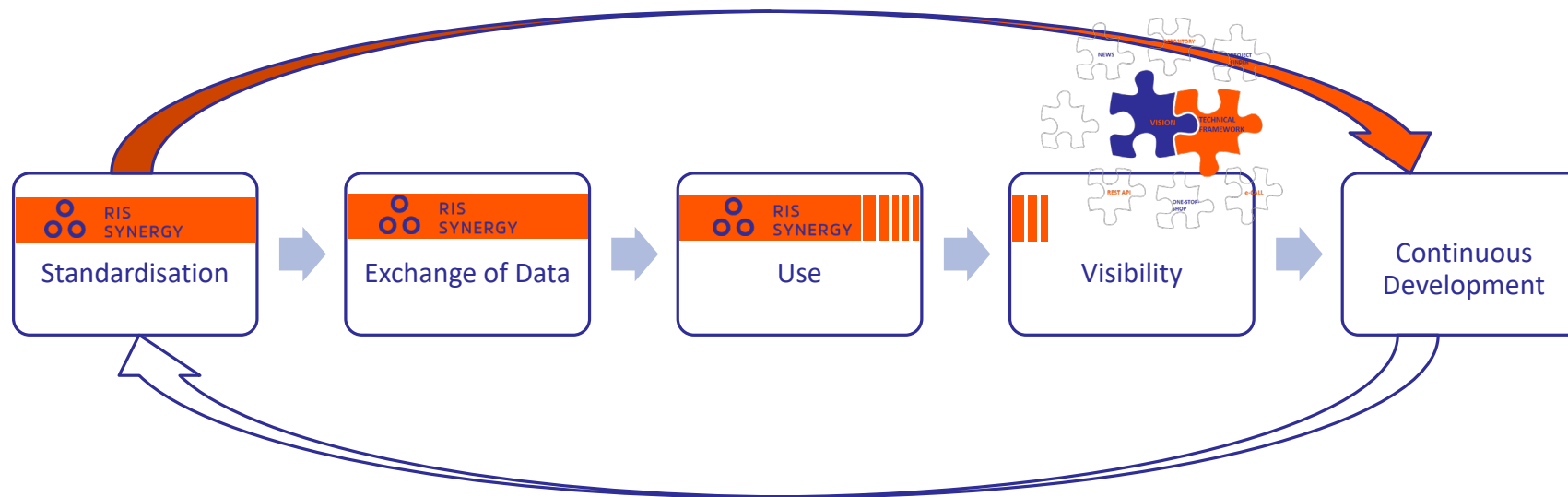
... Imagine having a **central platform** that allows you to **easily access relevant information** about the research that is done in Austria - on such a portal, you could find cutting-edge science news, funding calls and programmes, researcher profiles, and much more...

Based on standardised datasets, RIS Synergy will outline the **concept** for a national **research portal** for Austria.

# VISION

***Provide a standardized foundation for the joint use of research information...***

*Efficient and user-friendly data collection and processing for research and administration.*



***...Utilise the resulting potential in a research portal.***

*Use standardised information to make achievements in national research visible.*

# RIS VOICES

[https://youtu.be/J\\_aQpt9DP0I](https://youtu.be/J_aQpt9DP0I)

