

Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages



U N I K A S S E L
V E R S I T Ä T

Syn**SI**CRIS

Syn**SI**CRIS: Explore Synergies for Societal Impact in Current Research Information Systems

euroCRIS Webinar Series
27th November 2020





Agenda 4-5 pm

Aims and background of the project

Birge Wolf, Andrea Moser - University of Kassel

Q & A

Live-Demo

Birge Wolf, Doris Lange - University of Kassel

Technical Highlights

Andera Bollini - 4Science

Q & A

SynSICRIS-Project

Objectives
Material & Methods

11/
2017

Results

11/
2020

Next
Steps

Intended
Impact

06/
2023

Results are ready to use
for funding agencies and
research institutions

Objectives



Material & Methods

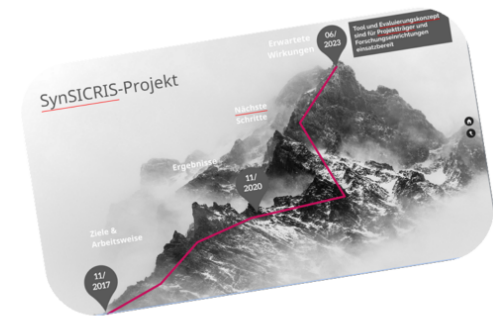
Background of SynSICRIS

Contribute to solve societal challenges

Increased focus on societal impact in research funding

Evolved concepts for transfer and transformation

Focus on agricultural/food/environmental research



SynSICRIS synergies for **S**ocietal **I**mpact in **C**urrent **R**esearch **I**nformation **S**ystems

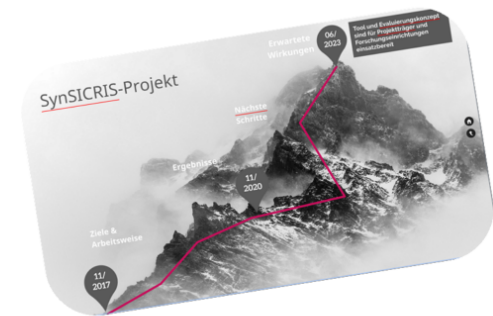
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SynSICRIS synergies for **S**ocietal **I**mpact in **C**urrent **R**esearch **I**nformation **S**ystems

Objectives of SynSICRIS

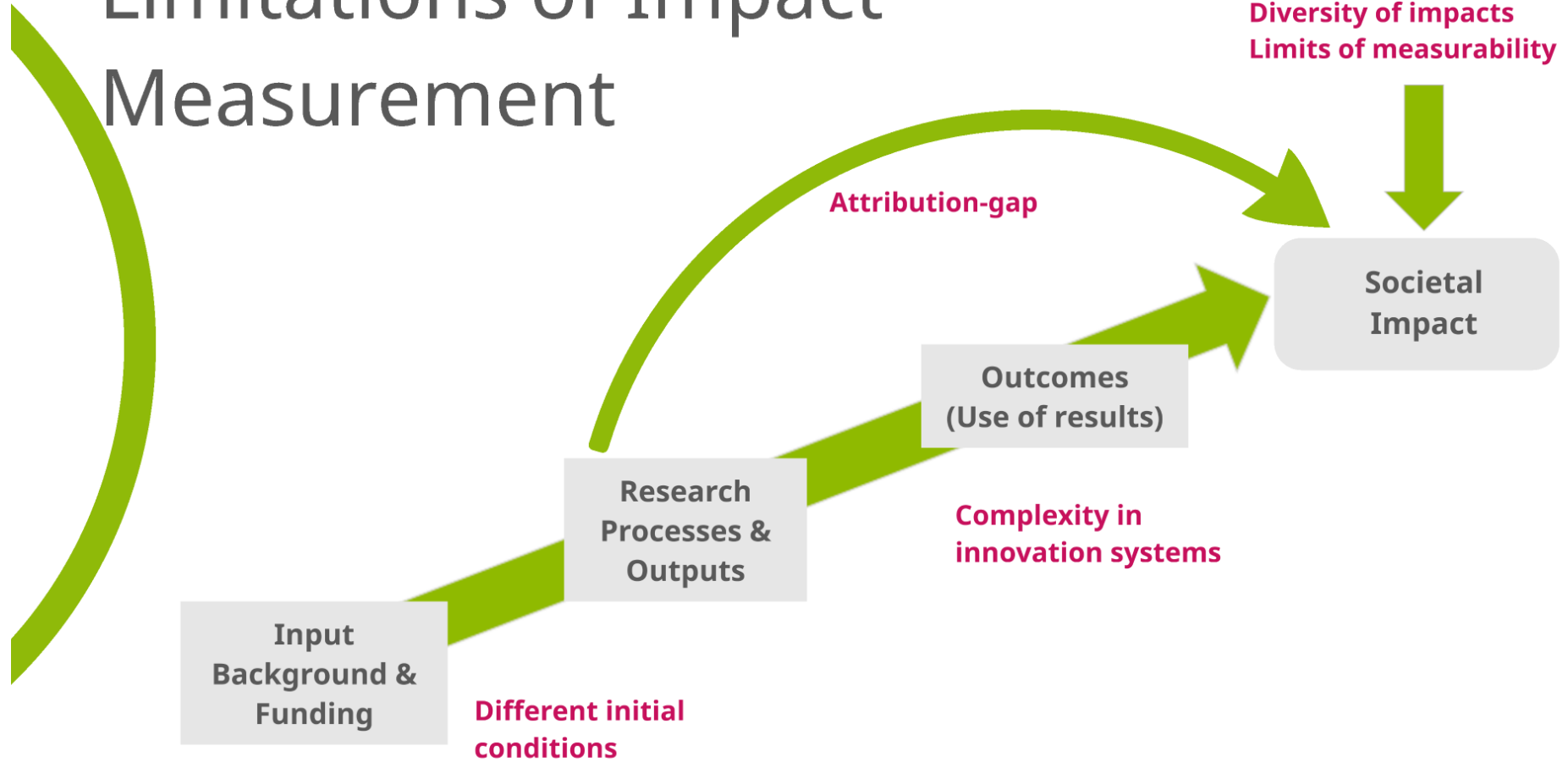
Assess contributions of research to societal impact and make use of it

Support impact-oriented funding processes

Advance impact-oriented planning and action in projects



Limitations of Impact Measurement



Central Output of SynSICRIS

Funding Agency

Monitoring-Tool



+ Indicators
+ Functions



Copyright: H2020 to Horizon Europe Project

Evaluation

Criteria-Set



Ex-post Project Evaluation



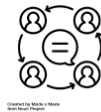
Created by prisma from Neut Project

Material & Methods

SynSICRIS
Team



Integration of theoretical and empirical approaches



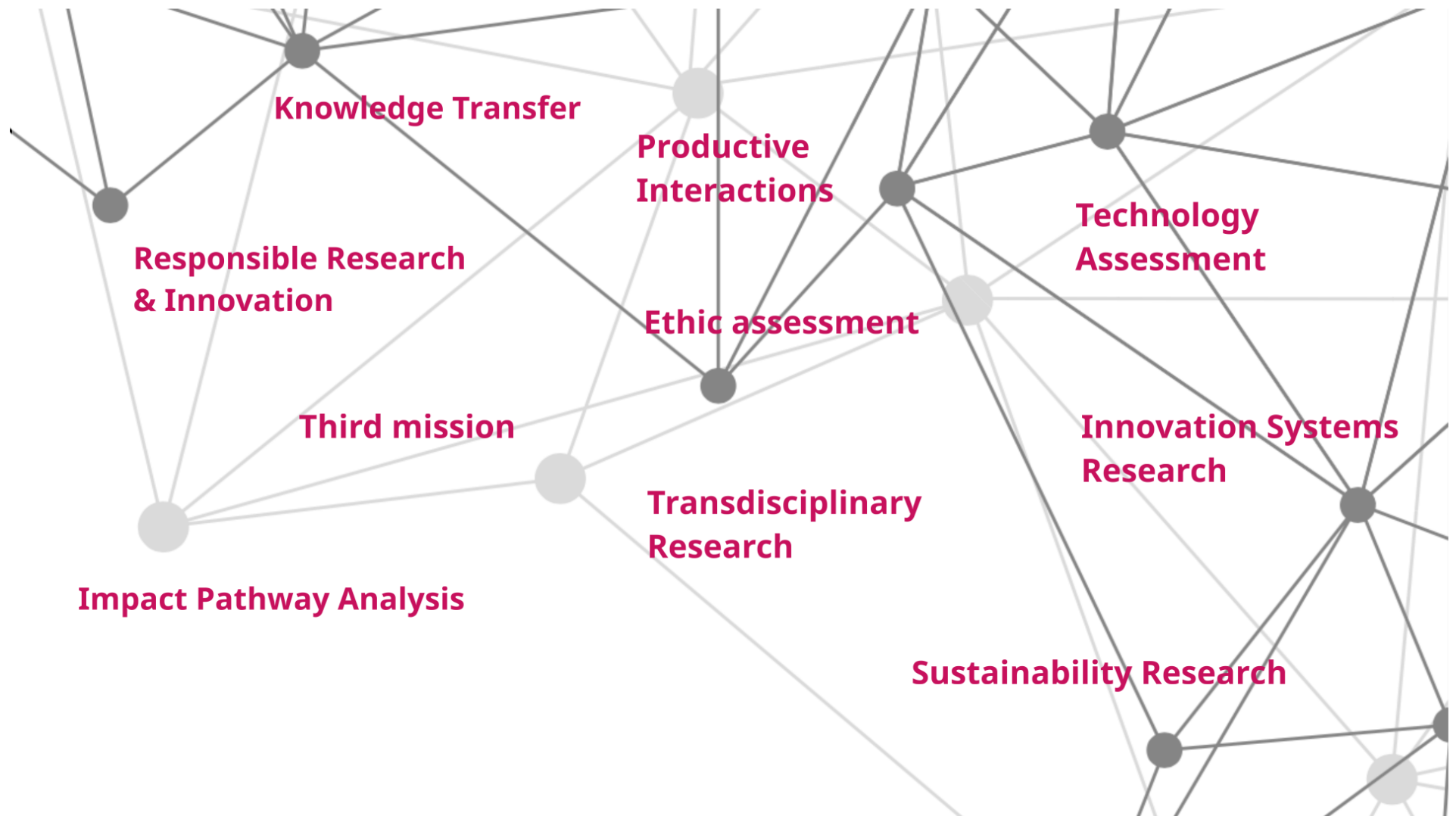
Requirement analysis (researcher, funder, knowledge-user)



Usability testing



Agile software development



Team



U N I K A S S E L
V E R S I T Ä T



4SCIENCE
Share your knowledge



disy

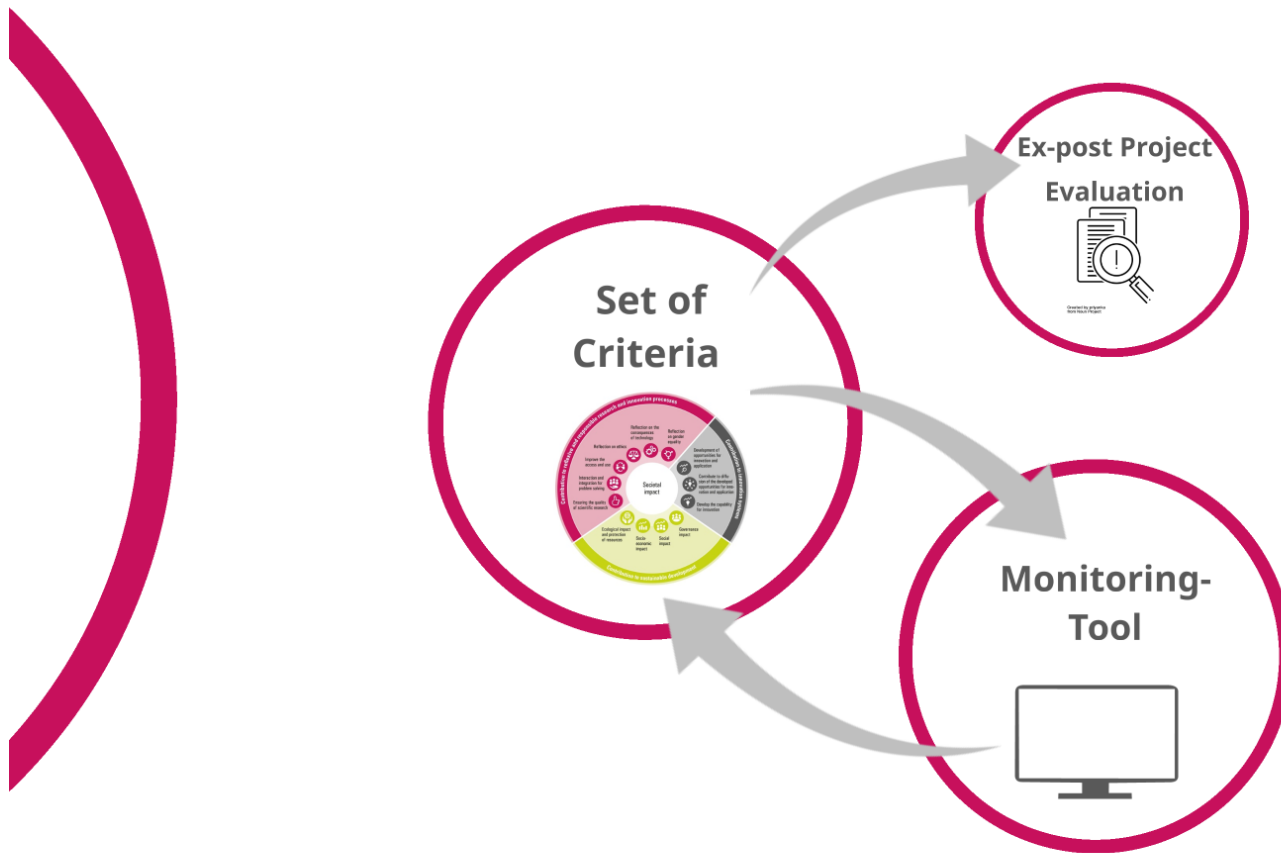


SynSICRIS-Project





Criteria and Project Evaluation



SynSICRIS Approach

Scope of assessment:

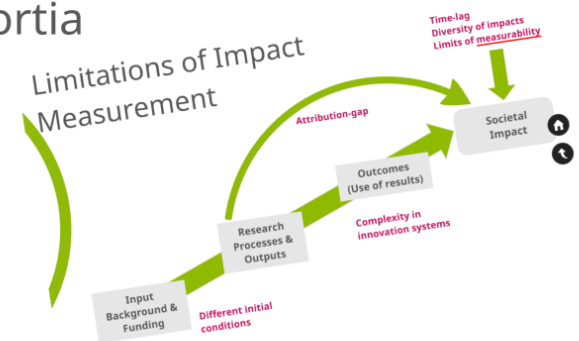
Output and performances of a project that promises a relevant societal impact

Main Objective:

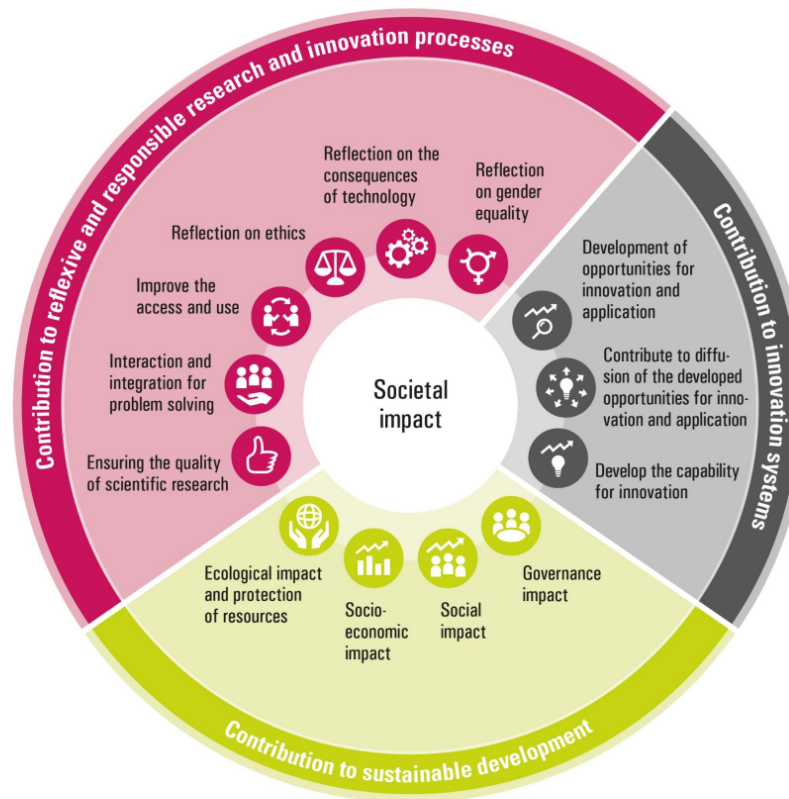
Creating criteria which can explain what makes an societal impact likely to emerge

Monitoring projects:

- Start and end, scope, performance and output of consortia
- In the interest of funders for programme evaluation



Reflexive and Responsible Research and Innovation processes

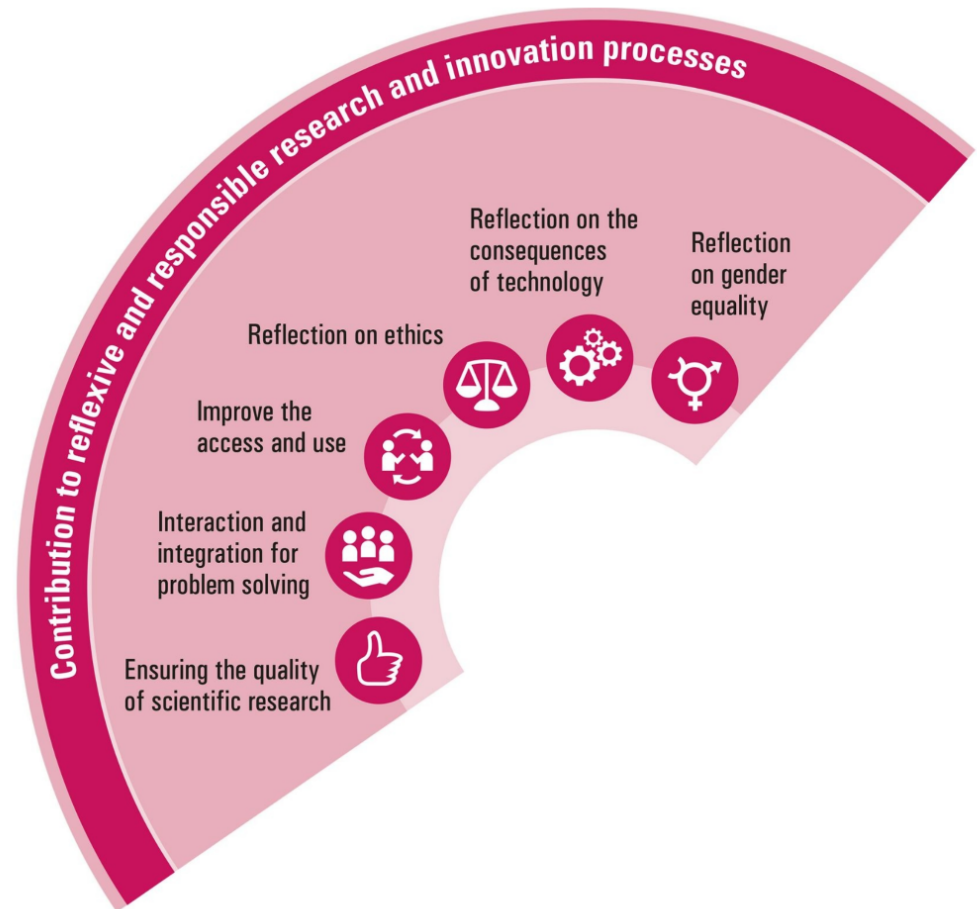


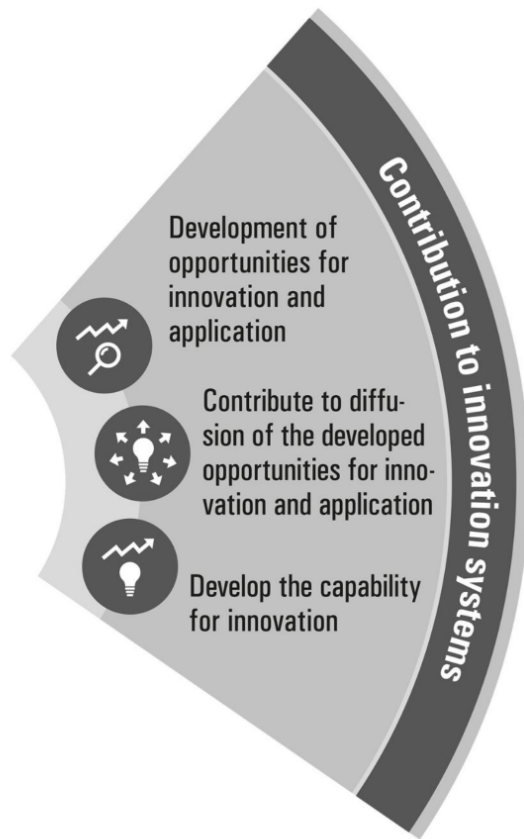
Contribution to Innovation systems

Contribution to Sustainable Development

Reflexive and responsible research and innovation processes

How was the research process conducted to contribute to societal impact?





Contribution to innovation systems

Were innovations and solutions being developed?

Is it likely that these solutions will be distributed?

Has the innovation capability been improved?



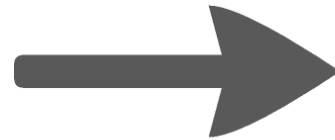
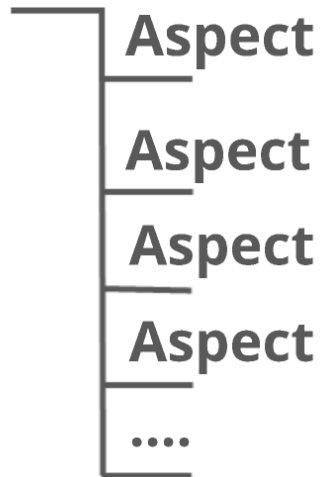
Contribution to Sustainable Development

Are sustainable goals to be reached by project application?

How to apply the criteria in project evaluation?

Dimension

Criterion



**Mix of Qualitative
Quantitative Data**

Dimension 2: Integration and interaction for problem solving

Criteria 2.4: The interactions and activities made it possible to contribute to solutions for the problem and research questions.

Aspects

- Involved stakeholders matched research questions
- Early realised interactions and activities
- Continuously interactive process

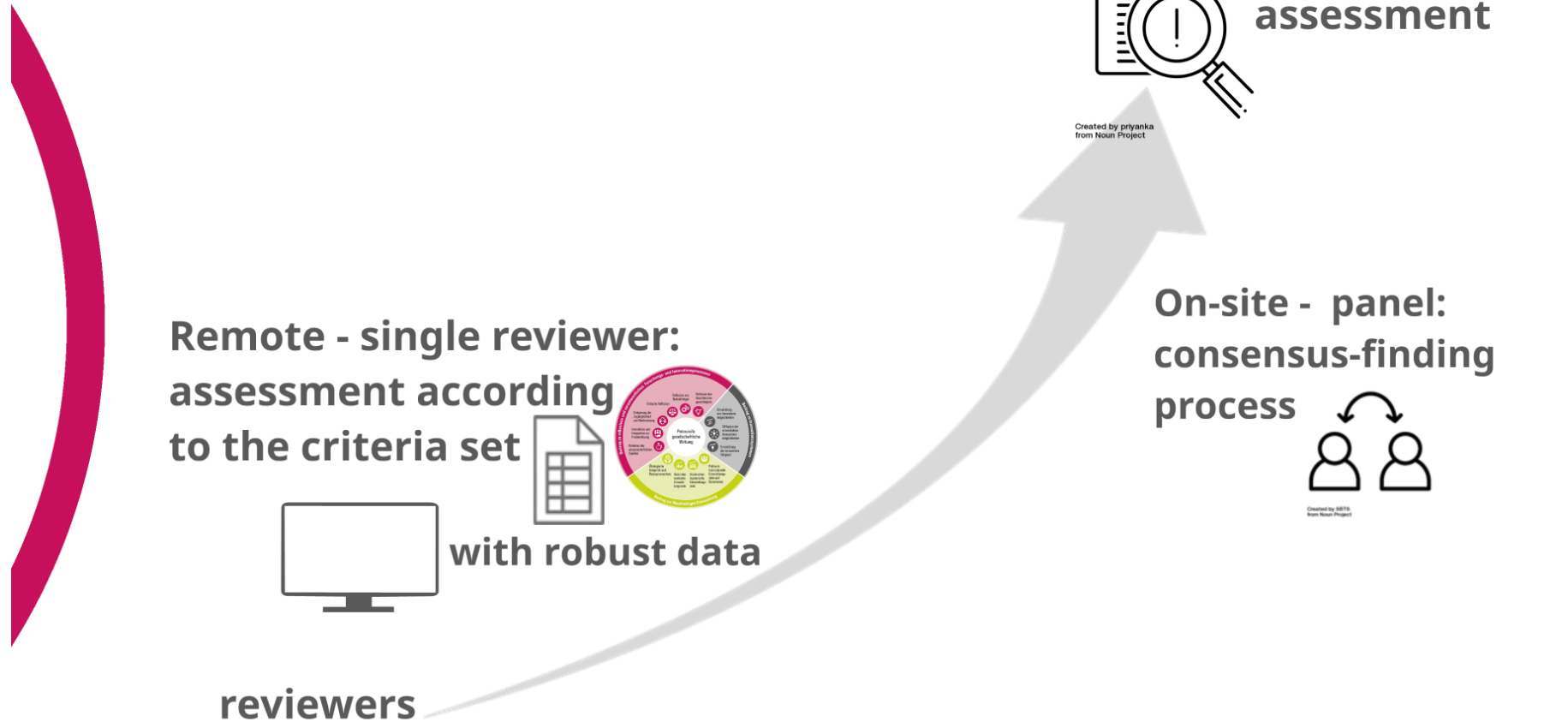
qualitative data:

- Type of stakeholders,
- Intensity of participation,
- Description of the problem,
- Size of interactions and activities

quantitative data:

- Number of activities,
- Number of stakeholders,
- time

Ex-post project evaluation





Data input



**Use of the
information**



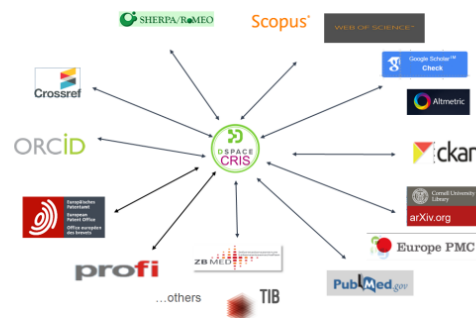
Data input in the course of the funding process

Data input

User interfaces for consortia



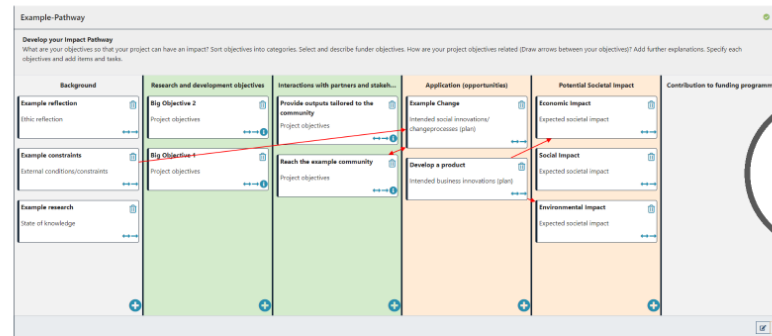
Interface- management to external data sources



User interfaces for consortia

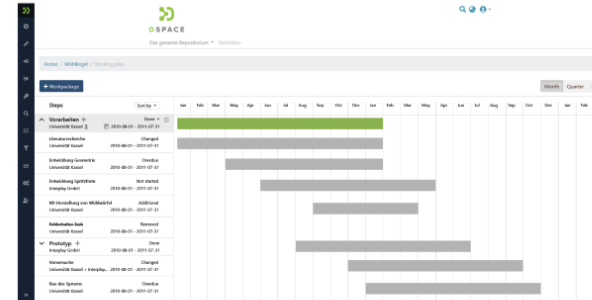
Impact Pathway

Parts of text documents are replaced.



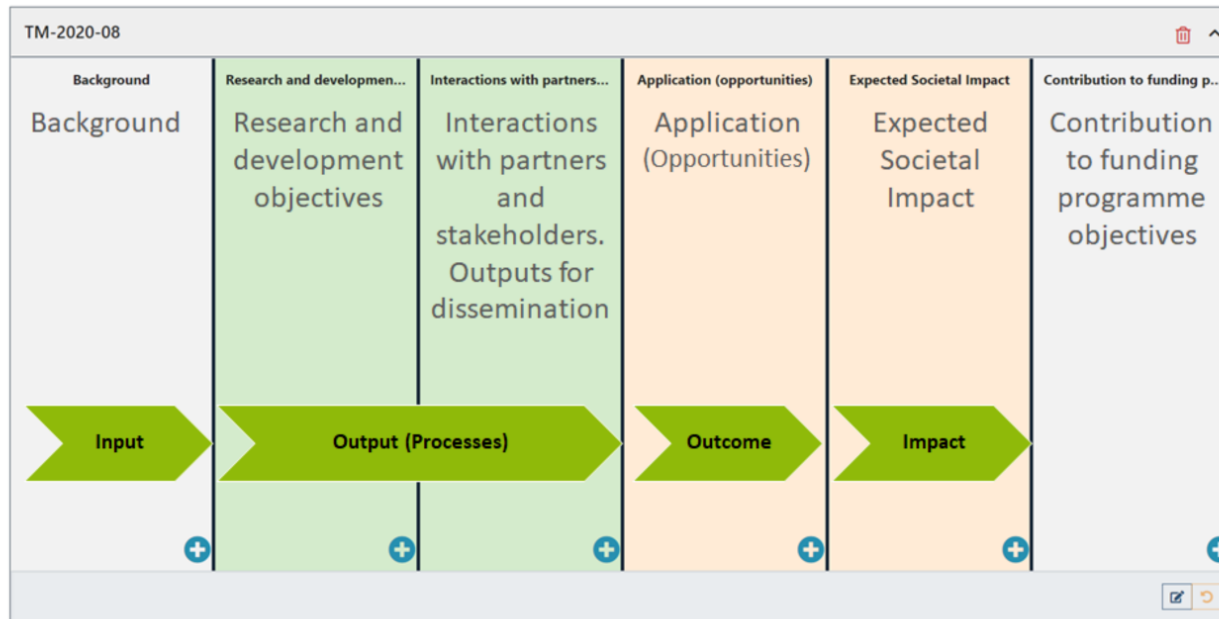
Impact Pathway Details

Working Plan

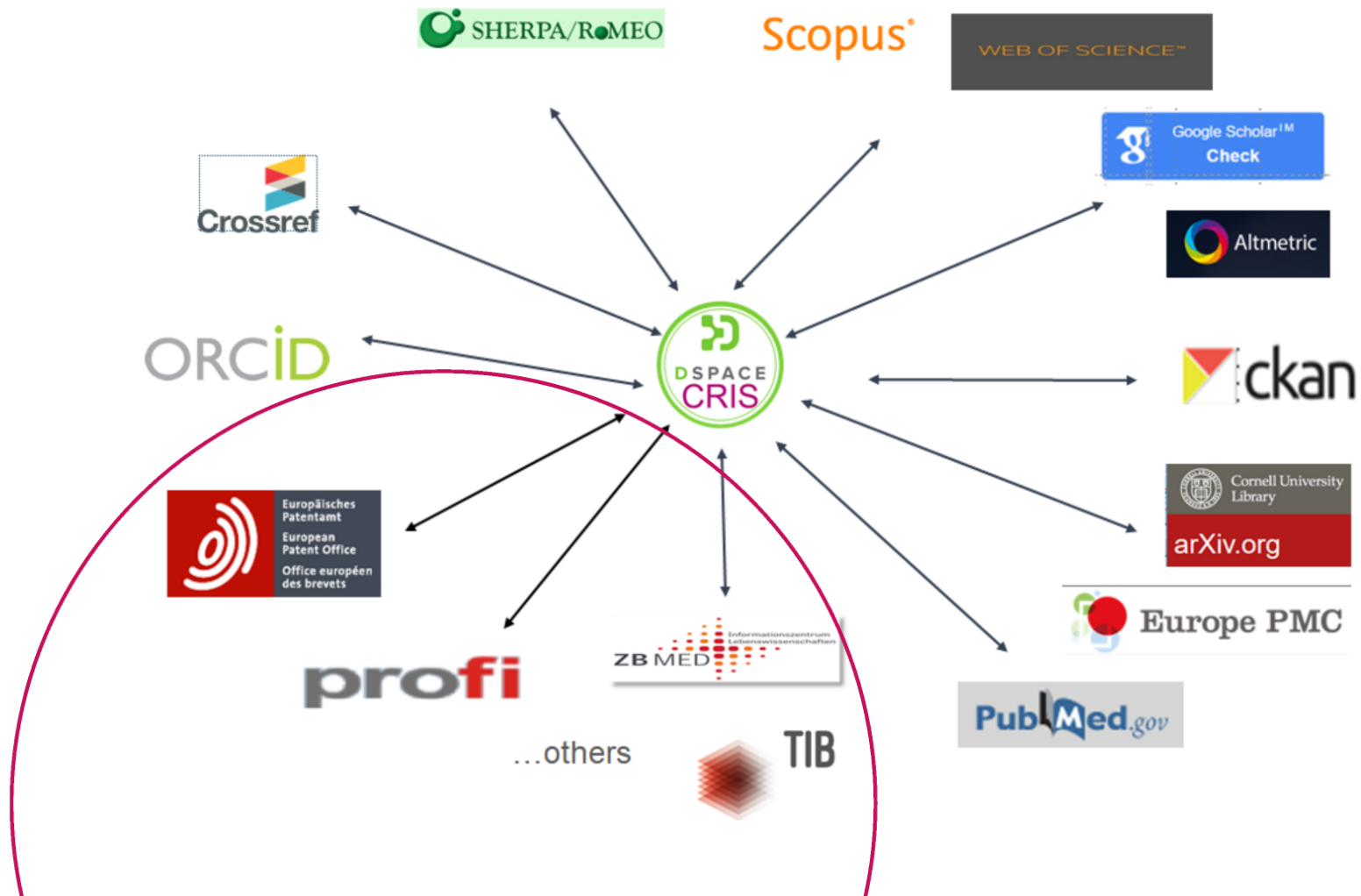


What impacts shall the project contribute to? And how?

*Inspired by CIRAD
Ex-ante Impact
Assessment & PIPA*



**Involve
Stakeholders &
Partners in the
development
process!**



Data input



**Use of the
information**



Content covers Information for



Criteria

+

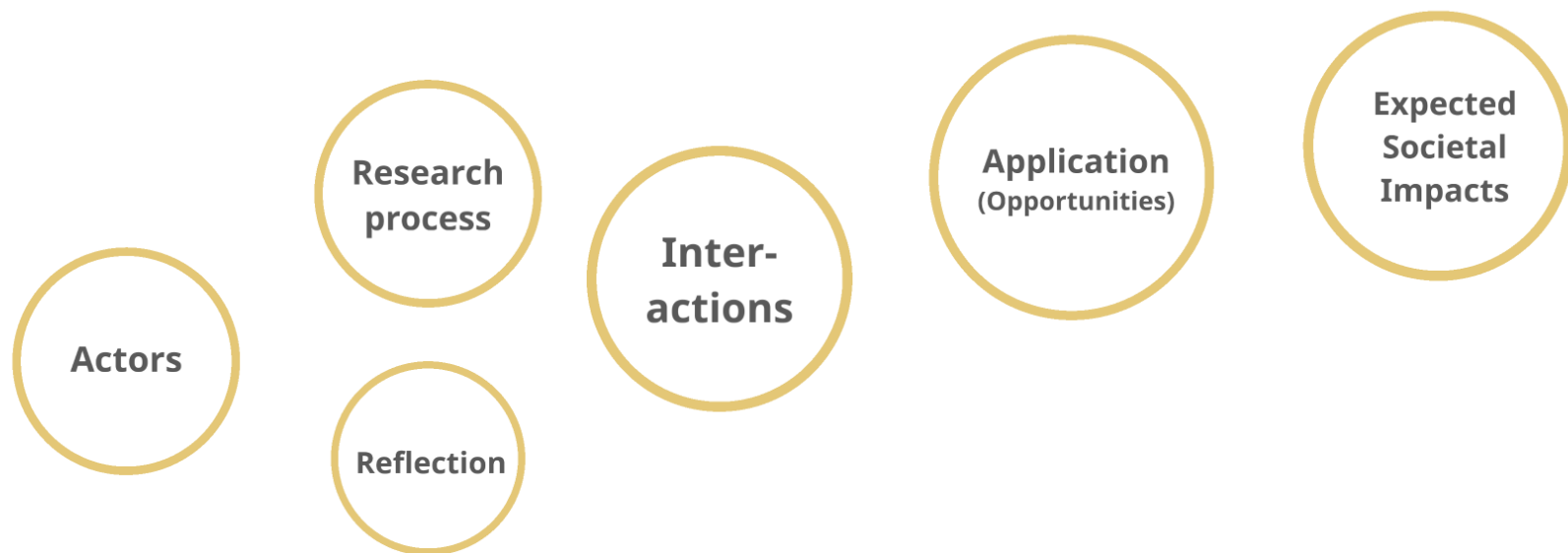


**Project
management
& supervision**

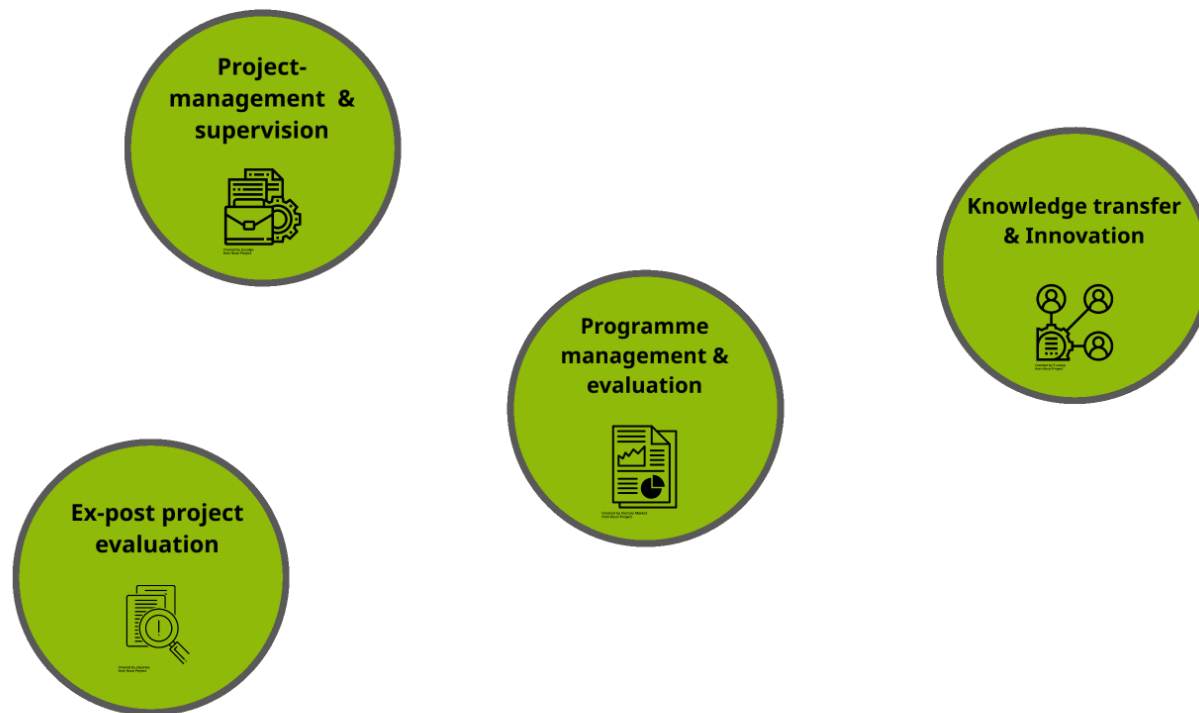
+



**Programme
management &
evaluation**



Use of the information



Data input



**Use of the
information**



SynSICRIS-Project

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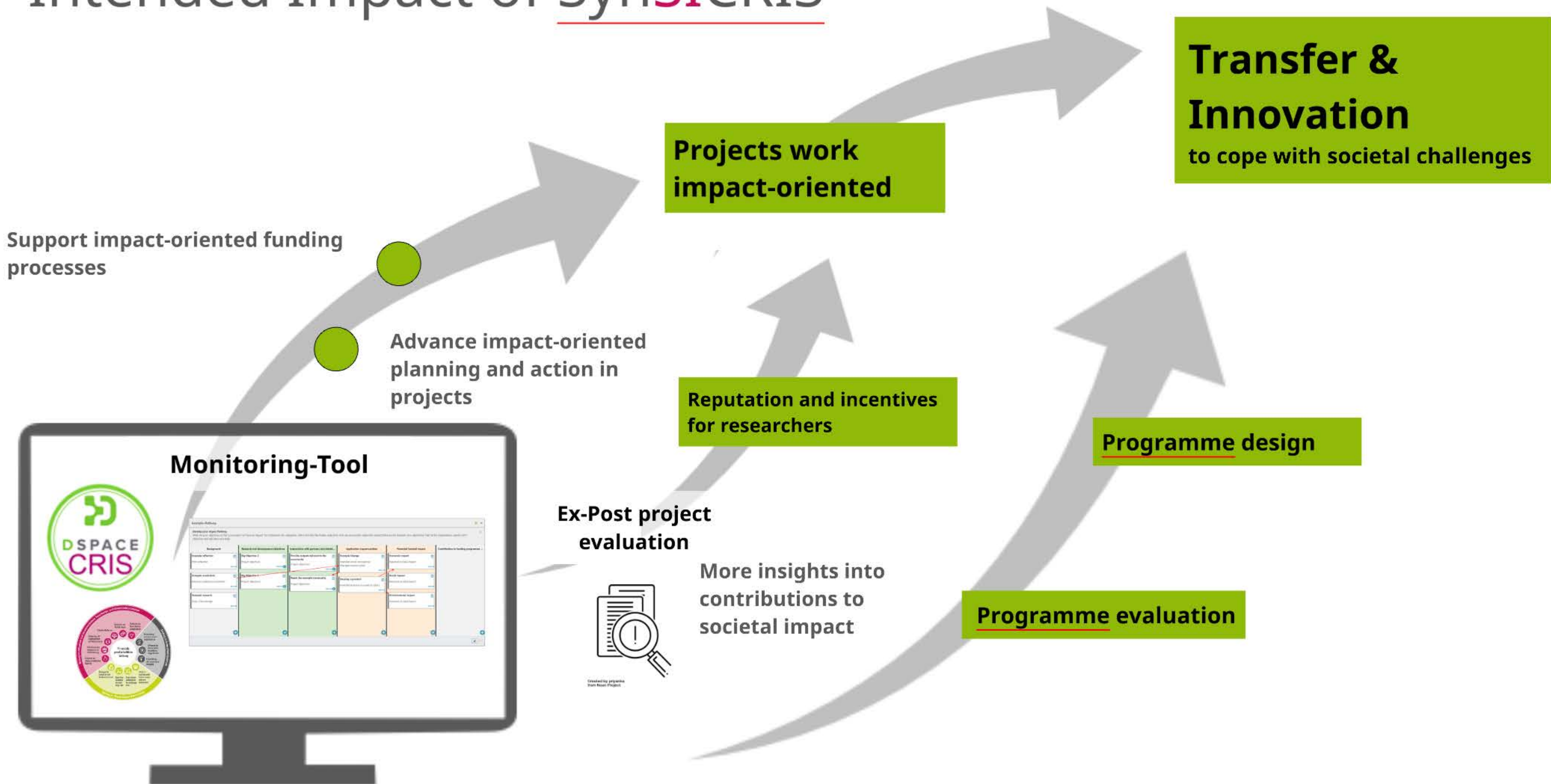
Intended
Impact

06/
2023

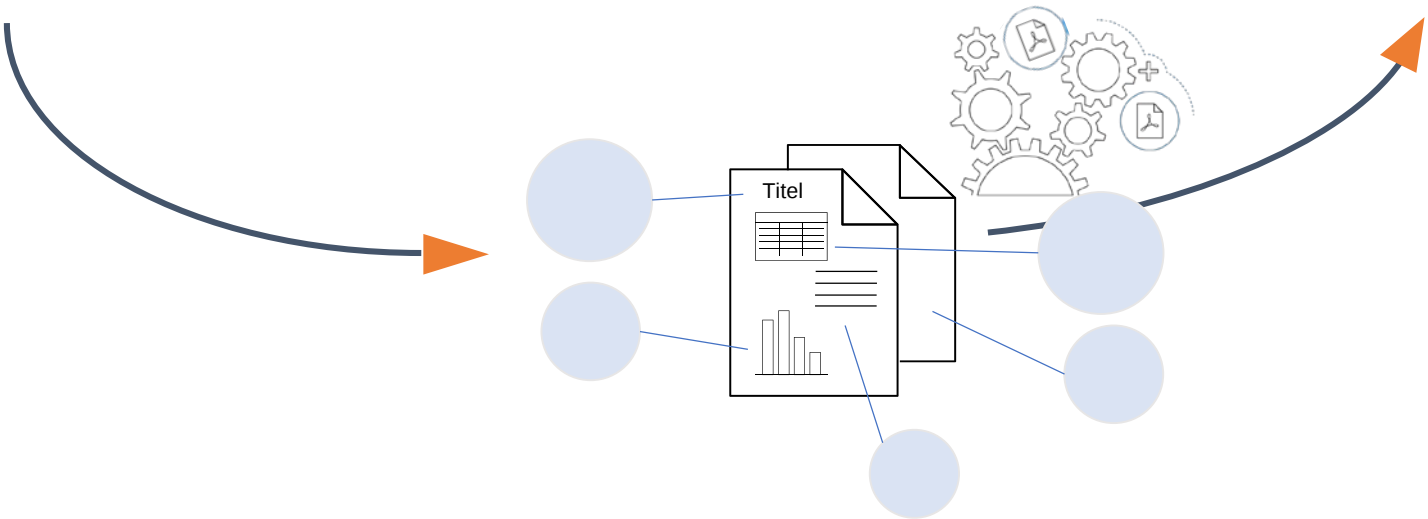
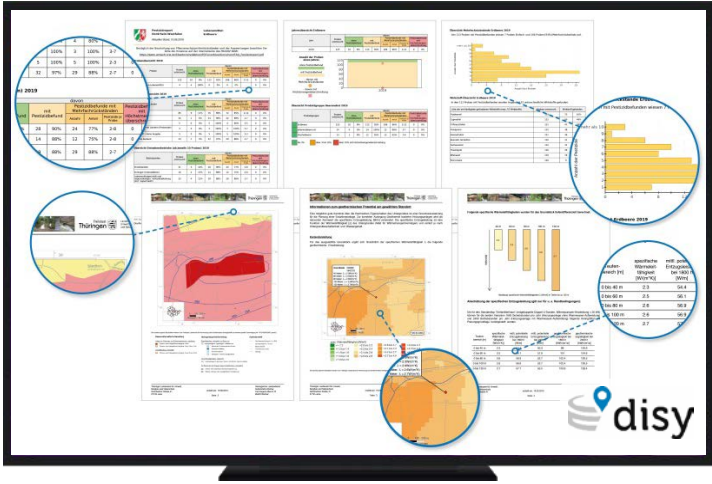
Results are ready to use
for funding agencies and
research institutions



Intended Impact of SynSICRIS



Reporting



Reports example

Projektschubübersicht

Projekt	Start	Ende	Status
Projekt A	2023-01-01	2023-03-31	Beendet
Projekt B	2023-04-01	2023-06-30	In Bearbeitung
Projekt C	2023-07-01	2023-09-30	Geplant

1

Verbindung

Verbindung	Start	Ende	Status
Verbindung A	2023-01-01	2023-03-31	Beendet
Verbindung B	2023-04-01	2023-06-30	In Bearbeitung
Verbindung C	2023-07-01	2023-09-30	Geplant

2

Übersicht

Übersicht	Start	Ende	Status
Übersicht A	2023-01-01	2023-03-31	Beendet
Übersicht B	2023-04-01	2023-06-30	In Bearbeitung
Übersicht C	2023-07-01	2023-09-30	Geplant

3

Übersicht

Übersicht	Start	Ende	Status
Übersicht A	2023-01-01	2023-03-31	Beendet
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Übersicht C	2023-07-01	2023-09-30	Geplant

4



5



6

Übersicht

Übersicht	Start	Ende	Status
Übersicht A	2023-01-01	2023-03-31	Beendet
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Übersicht C	2023-07-01	2023-09-30	Geplant

7



8

Übersicht

Übersicht	Start	Ende	Status
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Übersicht B	2023-04-01	2023-06-30	In Bearbeitung
Übersicht C	2023-07-01	2023-09-30	Geplant

9



10

Nutzen

Nutzen	Start	Ende	Status
Nutzen A	2023-01-01	2023-03-31	Beendet
Nutzen B	2023-04-01	2023-06-30	In Bearbeitung
Nutzen C	2023-07-01	2023-09-30	Geplant

11

Einsatzbereich

Einsatzbereich	Start	Ende	Status
Einsatzbereich A	2023-01-01	2023-03-31	Beendet
Einsatzbereich B	2023-04-01	2023-06-30	In Bearbeitung
Einsatzbereich C	2023-07-01	2023-09-30	Geplant

12



13

Reifegrad

Reifegrad	Start	Ende	Status
Reifegrad A	2023-01-01	2023-03-31	Beendet
Reifegrad B	2023-04-01	2023-06-30	In Bearbeitung
Reifegrad C	2023-07-01	2023-09-30	Geplant

14

Übersicht

Übersicht	Start	Ende	Status
Übersicht A	2023-01-01	2023-03-31	Beendet
Übersicht B	2023-04-01	2023-06-30	In Bearbeitung
Übersicht C	2023-07-01	2023-09-30	Geplant

15

Project supervision

Versions made available for the funder

Funder Dashboard

http://synsicris-tool.com/supervisorID=3851

Navigation: All of DSpace | My Projects | My Unit | Contacts | View Statistics | Email Alert | Edit

Current & Summary

Supervisor Comments

Target-performance comparison

Impact pathway

Working plan

Target-groups / Cooperations

Exploitation plan

Results

Reporting

Finances (only review)

FKZ: 2819108617

Version: xx.xx.2018 - Änderungsbescheid

Collaborative Projects

ID ...

2819108617 - Project2 name

2819108616 - Project1 name

2819108617 - Project2 name

2819108619 - Project3 name

2819108625 - Project4 name

Next project activity

Next project report

Next project supervision activity

Email Alert #1

Email Alert #2

Information xy

Overview

- Project milestone #2 is planned 2019-06-30
- Project milestone #1 successfully reached 2018-12-31
- Project-related publication: "Tracking societal impact with the SynSICRIS-tool" was published 2019-01-31
- Project-related data set: "Aggregated societal impact data obtained during the SynSICRIS project" was published 2019-02-28
- Practical feedback was added by T. Farmer 2019-04-30
- Half-time evaluation is planned 2019-07-31
- Project views: 33
- Warnings and recommendations: 2
- Publications: 6
- Data sets: 1
- Patents: 0
- Events: 4

Search and navigate between overview and detail

DSpace

Communities & Collections Research Outputs Projects People Organizations Statistiken

Home / Research Outputs

Browse

Department
Author
Title
Type
Date issued
Subject

Search Research Outputs

All AND
All AND
All

DSpace

Communities & Collections Research Outputs Projects People Organizations Statistiken

Home / Wählregel / 38 Items

Zeige
Ihre Veröffentlichungen

Filter

Status

Art der Ressource
☒ Erwartete Gesellschaftliche Wirkung
Art der Ressource

Typ
☐ Ecological
☐ Economic
☐ Social and cultural
Typ

Wählregel: Suche

Gerade angezeigt 1 - 10 von 19

Aktuellste
Erwartete gesellschaftliche Wirkung
Wettbewerbsvorteil für KMU
(Kein Datum)
Keine Zusammenfassung

Aktuellste
Erwartete gesellschaftliche Wirkung
Verbesserung der Tiergerechtigkeit in bestehender intensiver Mastschweinehaltung
(Kein Datum)
Keine Zusammenfassung

Aktuellste
Erwartete gesellschaftliche Wirkung
Lebersonsicherheit durch schadstoffreies Beschäftigungsmaterial
(Kein Datum)
Keine Zusammenfassung

Research Outputs Projects People Organizations Infrastructure Statistics

Home / Directorios / Directorio de talento humano / People / undefined, undefined

Name Card

 Full name
Main Affiliation
Web Site

Trujillo, Investigador updated
Universidad Nacional de Trujillo 
www.trujilloimv.com

Publications

Research Output



Now showing 1 - 8 of 8

Filters

Author
Editor
Organization
Subject
Funding
Has files
Type

Settings

Sort By

Publication
Cardiovascular effects of air pollution. MODIFICADO
(2019-10-30) Bourdieu, Thomas ; Bird, Marie-Alexie ; Bely, Yannick ; Morel, Olivier ; Anonim
Air pollution is composed of particulate matter (PM) and gaseous pollutants, such as nitrogen dioxide and ozone. PM is classified according to size into coarse particles (PM10), fine particles (PM2.5) and ultrafine particles. We aim to provide an original review of the scientific literature.

Publication
Archives of Disease in Childhood. Diamond Jubilee 1926-1986 - modificado.
(1986-10-01T00:00:00Z) Trujillo, Investigador updated ; John Doe

Publication
titulo modificado
(2017-03-01T00:00:00Z) Avila, Karlan ; Coelho, Sílvia M ; Montechinos, Gabriel J ; Cornejo
Deciphering the genetic architecture of adaptation of brown algae to environmental stresses such as temperature and salinity is of evolutionary as well as of practical interest. The filamentous brown alga Ectocarpus sp. is a model for the brown algae and its genome.

Publication
publicación 1 de la universidad nacional de Trujillo
(2014) Trujillo, Investigador ; John Doe

Publication
Publicación 2 universidad trujillo linked proyecto 2
(2020) Trujillo, Investigador ; Test advisor ; Billy Doe

Publication
Publicación Nota interna universidad Nacional
(2020) López, Juan ; Trujillo, Investigador

Publication

Validation and Comments

Validation function

Comment feature

The screenshot displays the 'Funder Dashboard' interface. The browser address bar shows 'http://synsicris-tool.com/supervisorID=3851'. The dashboard includes a sidebar with navigation options: 'All of DSpace', 'My Projects', 'My Unit', 'Contacts', 'View Statistics', 'Email Alert', and 'Edit'. The main content area is titled '*Current & Summary*' and includes sections for 'Supervisor Comments', 'Target-performance comparison', and 'Impact pathway'. A table with columns 'Was', 'Wann', 'Wo', 'Wer', 'Mit wem', 'Feedbacks', and 'Anzahl' is visible. The 'Feedbacks' column contains radio buttons for 'PT validated' and 'PT validated'. A red circle highlights the 'Comments' section on the right side of the dashboard.

Was	Wann	Wo	Wer	Mit wem	Feedbacks	Anzahl
				Farmer Coop	Link to ...	16
	//					
	//					
	//					

Comment overview

Funder Dashboard

http://synsicris-tool.com/supervisorID=3851

★ ☆ + ✎ ↶ ↷ 🔑 🔍 ☰ ⚙️ 📄

All of DSpace
 My Projects
 My Unit
 Contacts
 View Statistics
 Email Alert
 Edit

Current & Summary
 Supervisor Comments
 Target-performance comparison
 Impact pathway
 Working plan
 Target-groups / Cooperations
 Exploitation plan
 Results
 Reporting
 Finances (only review)

FKZ 2819108617
 Version xx.xx.2018 - Änderungsbescheid

Changes - ÄZub xx.xx.2018
 PT Comments

Changes VN xx.xx.2018
 PT Comments

Changes interim report xx.xx.2018
 PT Comments

profi e

Complementary to the administrative software

Select Project

Framing with profi

The screenshot displays the 'Funder Dashboard' interface. The browser address bar shows 'http://synsicris-tool.com/projectID=8617'. The main heading is 'Project', followed by 'FKZ 2819108617' and a 'Projects - overview' button. A series of tabs includes 'Current & Summary', 'Target-performance comparison', 'Impact pathway', 'Working plan', 'Reporting', 'Exploitation plan', and 'Results'. The 'Project management' section features a dropdown menu with a red circle around it, containing the following options: '2819108617 - Project2 name', '2819108616 - Project1 name', '2819108617 - Project2 name', '2819108619 - Project3 name', and '2819108625 - Project4 name'. Below this are fields for 'Next project report', 'Next project supervision activity', and 'Information #4', '#5', and '#6'. A 'Switch to profi' button is located to the right. The 'profi' sidebar on the right contains a 'Benutzereinstellung' section, a 'Verfahrenliste' table, and a 'Termine' table. The 'Verfahrenliste' table has columns for 'Termin', 'Betreff', and 'Ansicht'. The 'Termine' table has columns for 'Datum', 'Betreff', and 'Status'.

Termin	Betreff	Ansicht
30.01.2019	Zwischenbericht	eingang
30.04.2019	Zwischenbericht	eingang
30.09.2019	Zwischenbericht	offen
30.04.2019	Zwischenbericht	offen
30.04.2020	Zwischenschluss	offen
30.01.2020	Zwischenbericht	offen
17.04.2021	Schlussbericht	offen
17.01.2021	Verwendungstatistik	offen
17.07.2021	Verfahrenführung	offen
17.10.2022	Verwendungsfähigkeit	offen

Datum	Betreff	Status
05.04.2019	Zahlungsmittlung	📧
08.09.2018	Zahlungsmittlung	📧
25.04.2018	Zahlungsmittlung	📧
00.11.2017	Zahlungsmittlung	📧

Datum	Betreff	Status
22.09.2018	Kaufauftrag	erledigt
08.09.2018	Zahlungsmittlung	geliefert
21.05.2018	Zahlungsmittlung	gebucht

Dashboards - Examples

