



Onderzoeks Informatie Systeem: CRIS NIC bijeenkomst 18 oktober 2013





Agenda

- Introductie CRIS: toepassingen
- CRIS & wensen NIC: Researcher en Management
- Dus:
 - Output / publicatie management
 - CV's
 - Management Rapportages
 - Externe representatie (web)



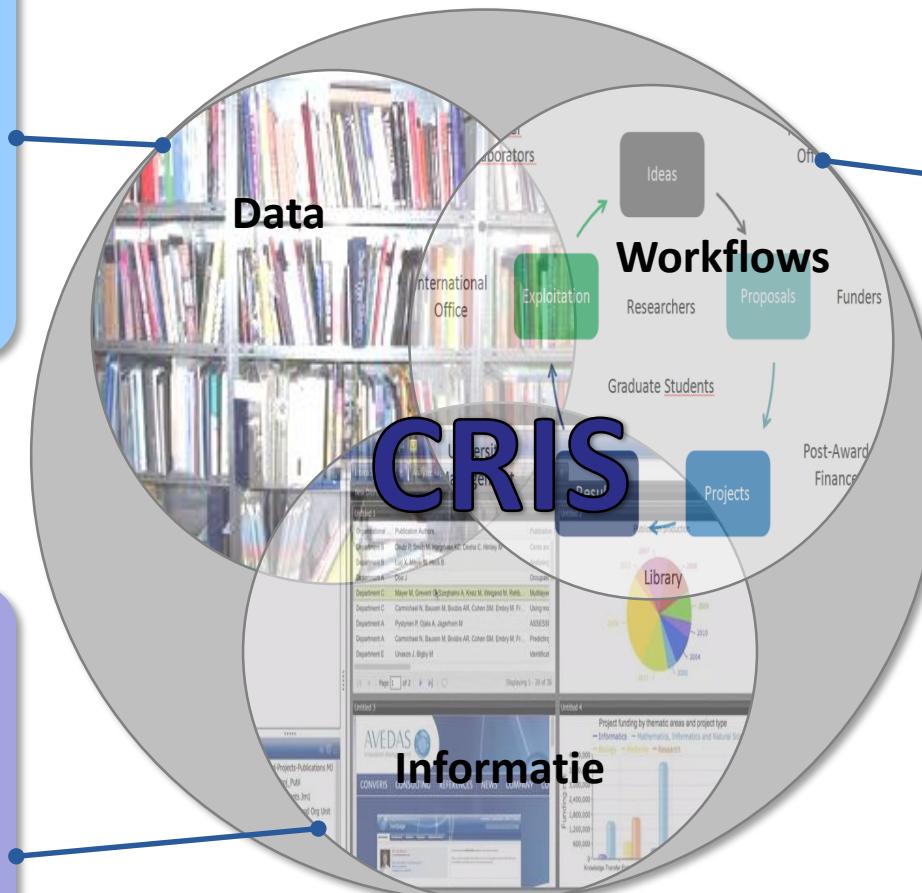
Een modern CRIS heeft drie primare toepassingsgebieden:

1. Output (Publicatie / IP) management
2. Pre- en post award contract management
3. Graduate Student Management



Een CRIS integreert:

- Eenmalige en continue data import
- In- and externe systemen
- Eenmalige invoer; hergebruik
- Data QA, QC



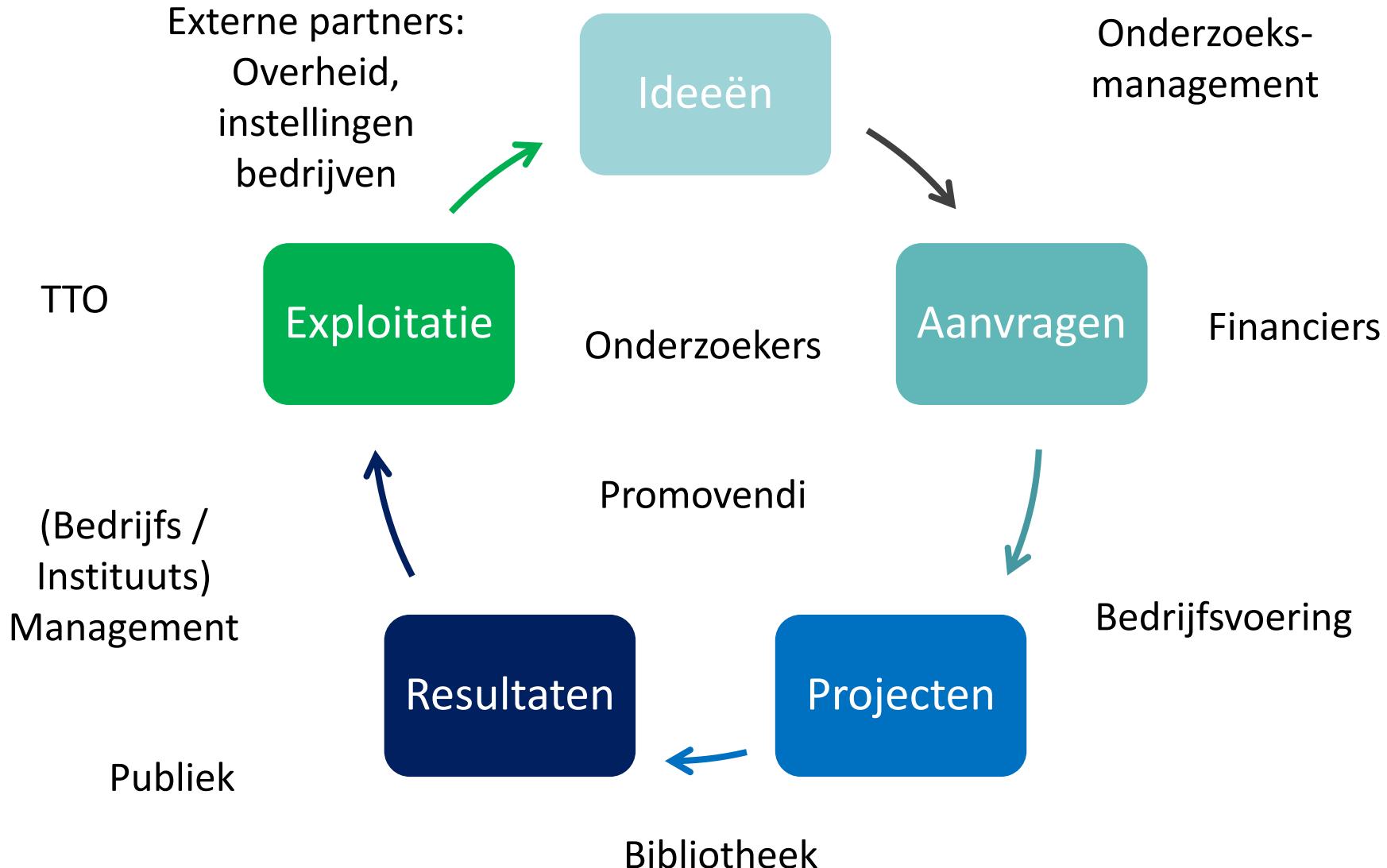
Complete informatie

- Alle aspecten van het onderzoek
- Need-to-know
- Flexibel; on demand
- In- en extern
 - Rapport, lijst
 - Website

- Validatie van data
- Alle gebruikers:
 - Eigen data
 - Eigen to-to's
- Alle beslissingen in de 'research life cycle'
 - Plaats en rol in organisatie

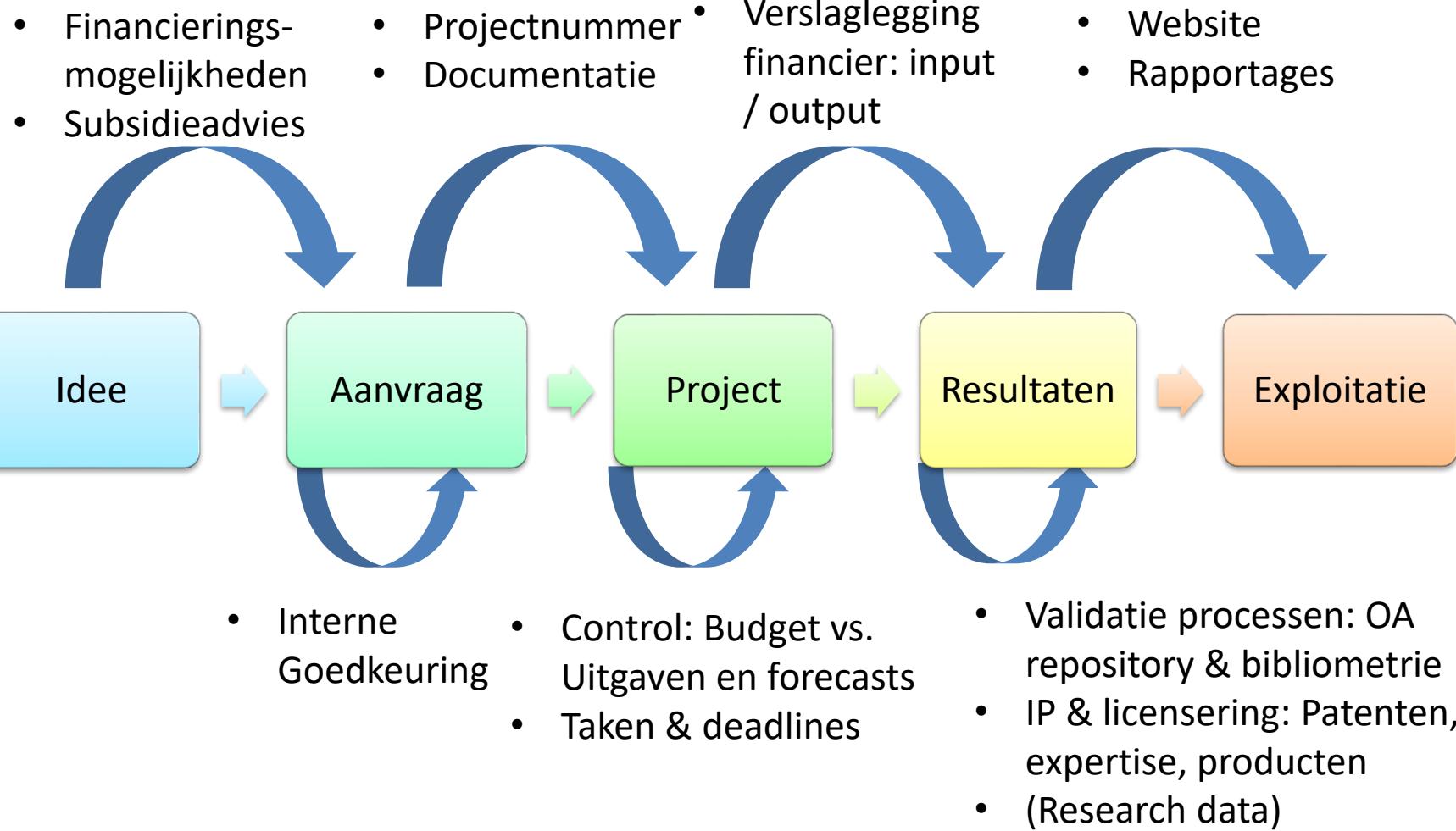


De onderzoekscyclus





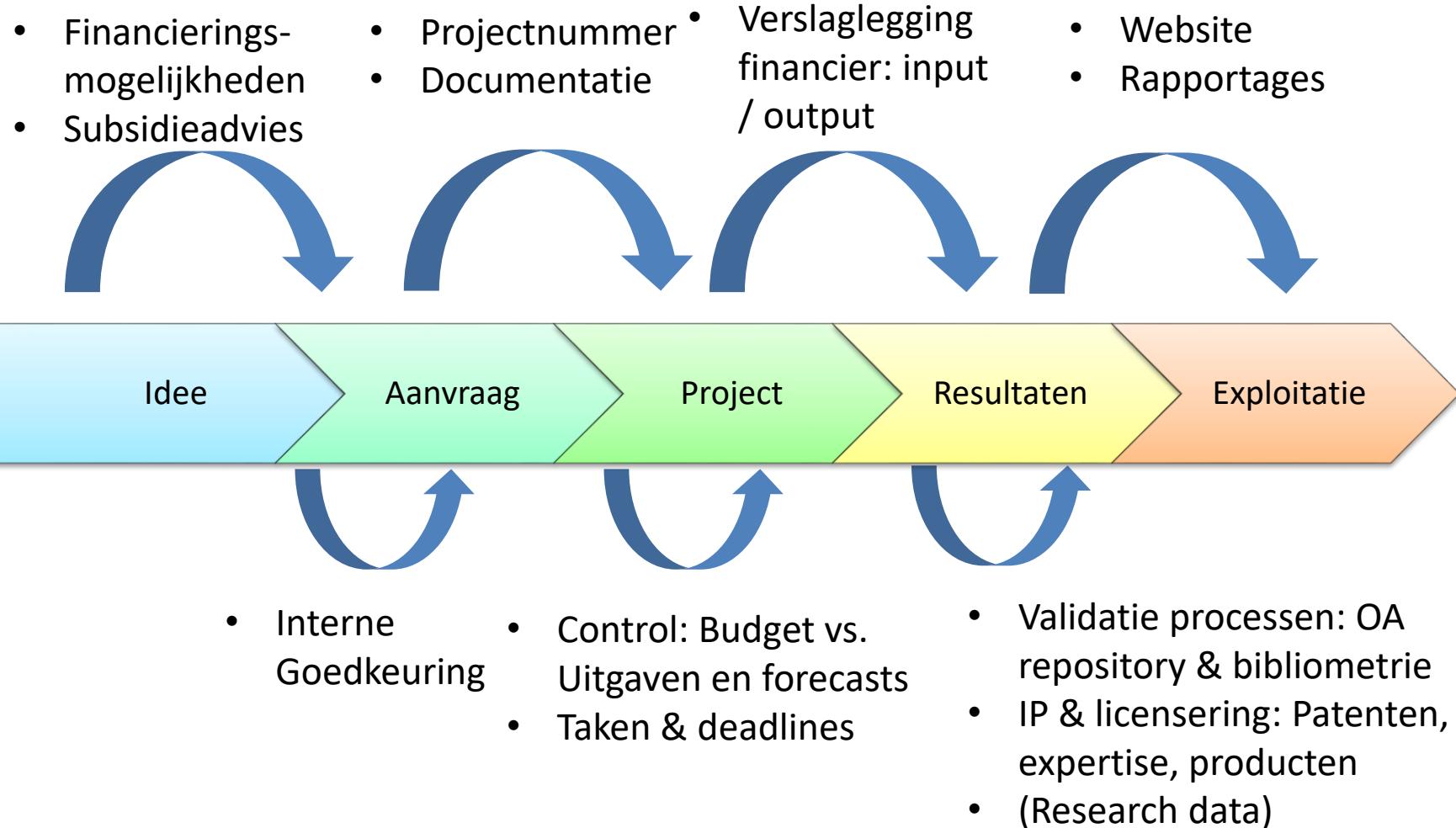
Integratie CRIS in bestaande processen



Doel: doorlopende administratieve processen



Integratie CRIS in bestaande processen



Doorlopende administratieve processen



Maar: iedere organisatie is toch uniek...?

- Zeker, maar de hoofdprocessen lopen ongeveer hetzelfde
- Een modern CRIS is volledig configurerbaar (door de klant):
 - Processen kunnen eenvoudig organisatiespecifiek gemaakt worden:
 - Rollen & rechten
 - Datamodel
 - User-interface



Deel 2: Vragen NIC

- CRIS voor individuele onderzoeker
- CRIS voor management



Alle informatie per gebruiker

Research Portal | Help | My Settings | Logout

Researcher: Hoellrigl, Thorsten - Department of Informatics ▾



Overview

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Notifications

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Recently created

Project Application: Erlotinib
Plus Gemcitabine Co...

Things to do

6 Publications to complete

5 Applications for completion

Content

30 Publications

12 Projects

27 Project Applications

25 Tasks

11 Project Ideas

Show all

 [Home](#) » Add new Publication**How do you want to create your publication?** Manually Import from

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Select the desired Publication type**Publication type**

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 - Poster**
 - Presentation
- ▼ Journal related publication types
 - Journal article
 - Journal article abstract
 - Journal article review
- Letter
- Letter to editor
- Manual

Information about the selected Publication type

A poster is a visual presentation of an academic subject presented at a conference. The poster may be accompanied by a short paper published in the conference proceedings. A poster can be authored by one or more authors.

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 Manually Import from

external sources



Select a Person

Hoellrigl, Thorsten, Department of Informatics (01/08/2012-14/08/2015)

Search for Publications

 Coutinho R

in field

authors

Search

 Bilthoven

in field

affiliation

From year to

Sort by

date

Clear

PubMed (4)

Scopus Sciverse (112)

WoS Lite (51)

DNB (3)

**Publication data****Action to be performed****How patterns of migration can influence the heterosexual transmission of HIV in The Netherlands.**

- Xiridou M, van Veen M, Prins M, Coutinho R
Sexually transmitted infections: 289-91, 2011-Jun, ID:21441275
Affiliation: Centre for Infectious Diseases Control, National Institute of Public Health and the Environment, Bilthoven, The Netherlands. ...
[Link to PubMed](#)

Import and relate to you

Can migrants from high-endemic countries cause new HIV outbreaks among heterosexuals in low-endemic countries?

- Xiridou M, van Veen M, Coutinho R, Prins M
AIDS (London, England): 2081-8, 2010-Aug-24, ID:20671545
Affiliation: Centre for Infectious Diseases Control, National Institute of Public Health and the Environment, Bilthoven, The Netherlands. ...
[Link to PubMed](#)

Import and relate to you

Epidemiology and control of influenza A(H1N1)v in the Netherlands: the first 115 cases.

- Hahné S, Donker T, Meijer A, Timen A, van Steenbergen J, Osterhaus A, van der Sande M, Koopmans M, Wallinga J, Coutinho R, Dutch New Influenza A(H1N1)v Investigation Team
Euro surveillance : bulletin Européen sur les maladies transmissibles = European communicable disease bulletin, 2009-Jul-9, ID:19589332
Affiliation: Rijksinstituut voor Volksgezondheid en Milieu (National Institute for Public Health and the Environment), Bilthoven, the Neth ...
[Link to PubMed](#)

Import and relate to you

Hepatitis B vaccination and changes in sexual risk behaviour among men who have sex with men in Amsterdam.

- Xiridou M, Wallinga J, Dukers-Muijters N, Coutinho R
Epidemiology and infection: 504-12, 2009-Apr, ID:18631424
Affiliation: National Institute of Public Health and the Environment, Bilthoven, The Netherlands.
maria.xiridou@rivm.nl
[Link to PubMed](#)

Import and relate to you

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Validate



Home » Search Profiles » Edit Search Profile

Mueller

Karlsruhe;KIT;Karlsruhe Institute of Technology



Status:

Active

Visibility:

Not publicly visible

Edit

History

1. Key information *

2. Rejected publications

Filters

Underneath it is possible to enter search terms for your search profiles. Please be aware that if you make the search profile too specific, you might miss out many relevant publications. More information can be found under the question mark.

Names: Here you can provide the author names you wish to search for. Please, use the format:

Last name Initial, Last name Initial (Example: Brando M; Johnson LD). Result will have the matches for all authors (OR catenation)

Mueller

Affiliations: Here you can add search terms that should be found in the affiliations of the authors. It is advised to use the name of the organization, the abbreviation and also the name of the city, e.g. Karlsruhe; KIT. The search results will be catenated with OR.

Karlsruhe;KIT;Karlsruhe Institute of Technology

Sources

In this section you can define if the system shall search for your publications in one or more of the available online sources below.

PubMed:

Thomson ISI:

Scopus:



Publicatie management

En natuurlijk ook gewoon file in / export

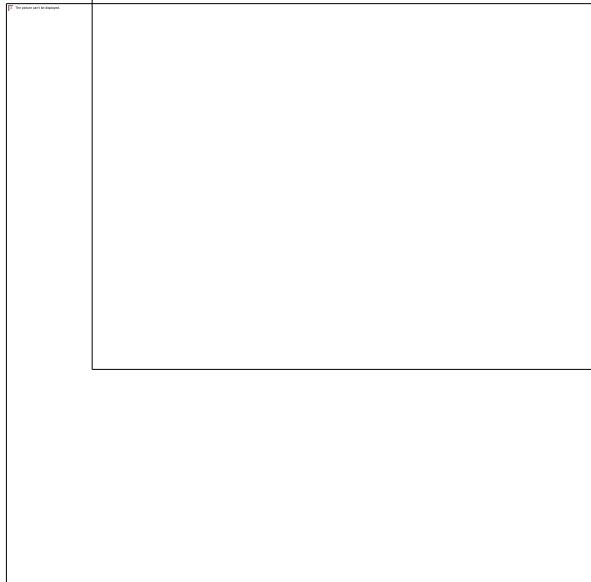
- Handig bij verschillende aanstellingen en toch registratieverplichting locaal



CV

- Naast publicaties ook activiteiten
- Projecten (als aanwezig)
- Verschillende formats mogelijk (standaard)

Scheelt onderzoekers werk!



Curriculum Vitae

Dr. Thorsten Hoellrigl



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Mobile: +49 (0)1525 310 47 01
Fax: +49 (0)721 354 90 00
Email: T.Hoellrigl@avedas.com
Date of birth: 05/06/1985
Gender: Male

Positions

01/08/2012 - 14/08/2015	Dean for the department of IT (Head of Unit) This position included a teaching activity of 12 hours per week as well as numerous administrative tasks.
Since 01/09/2011	Senior Manager (Head of Unit) Responsible for the strategic orientation of CONVERIS...
03/12/2007 - 31/12/2015	Head of Unit

Projects as principal investigator

10/01/2014 - 20/02/2015	SMEpact 2 (Total funding: 0,00 GBP)
07/06/2010 - 30/08/2013	Integration of the University libraries in CONVERIS In order to provide CONVERIS users with broad access to academic knowledge and thus automatically to extend the scope of the work, this interface is planned. (Total funding: 80,000 GBP)
01/11/2008 - 01/01/2013	Netpact: Impact Study for the European Commission's 6th Framework Programme (FP6) Networks are increasingly seen as a critical element in promoting competitiveness and innovative capabilities in research and technology. The European Commission therefore decided to utilise the AVEDAS competences related to data management and network analysis in order to get an improved understanding of the relationship between RTD networks and European competitiveness as well as of the impact that EC funding has on this relationship and on RTD network formation. (Total funding: 70,000 GBP)
15/10/2010 - 31/12/2012	SMEpact: Impact study on the role of SMEs in EC funded research AVEDAS leads a pan-European consortium that has been commissioned by the European Commission to analyse the role of small and medium enterprises (SMEs) in EU funded research projects. SMEs are increasingly seen as a critical element in promoting competitiveness and innovative capabilities in research and technology development as well as efficient vehicles for introducing new technologies to the European industry and markets. For this reason, the European Commission has with its framework programmes made significant efforts in encouraging the active participation of SMEs in EC-funded research projects. (Total funding: 40,000 GBP)
11/01/2013 - 31/12/2012	MRC Medical Research Council in the UK



Een modern CRIS geeft informatie en staat acties toe afhankelijk van rol en positie in organisatie:

1. Afdelingshoofden zien en doen ‘alles’ van eigen afdeling maar niet van de ‘buren’
2. HRM ziet alleen HRM-gerelateerde info; FIN ziet alleen financiële info; Bibliotheek valideert enkel publicaties, etc.
3. De top ziet en mag ‘alles’

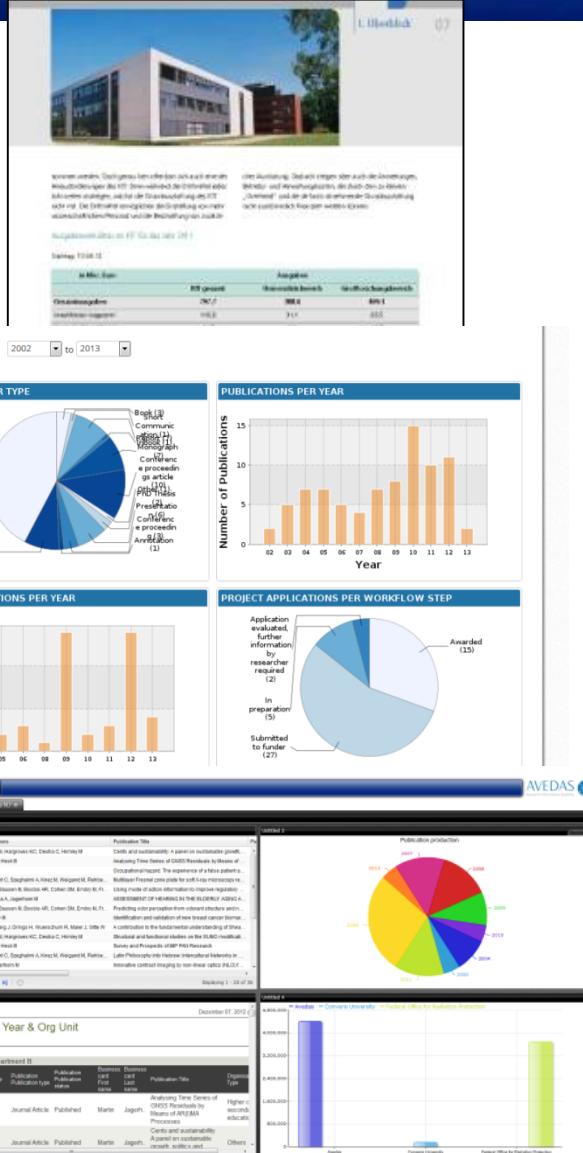


CRIS Rapportages

- Standaard rapportages
 - Dashboard
 - CV
 - Data export
 - Netwerk analyses
- Standard rapportages per Toepassingsgebied / Module
 - Publication reports
 - (Advanced) bibliometrische rapportages: CWTS
 - Project rapportages
 - Graduate student rapportages
 - SEP
- Geavanceerde rapportages
 - Drag and drop rapportages
 - Aanpassen / toevoegen filter pagina's. Alle attributen and relaties kunnen gebruikt worden.
 - Aanpassen / toevoegen output templates.



„Research Analytics“



- Voorgedefinieerde opmaak
bv. kwartaal / jaarrapportages

- Voorgedefinieerde dashboards
Overzicht / managementinzicht
Output en input

- Interaktive rapportages



Publieke website

- Alle informatie in CRIS met de ‘juiste’ status
 - Publicaties
 - Projecten
 - Onderzoekers
 - Etc.
- In Samenhang
 - Doorklikbaar
 - Eigen vormgeving
- Voorbeelden:
 - <http://forschung.uni-kassel.de>
 - <http://www.scienzenet.se>
 - <http://www.healthcompetence.eu>
 - <http://www.toolsofscience.eu>



Vragen?



De-duplicatie

Edit Merge selected Publications

Please select all information of both Publications that should be kept after merging.

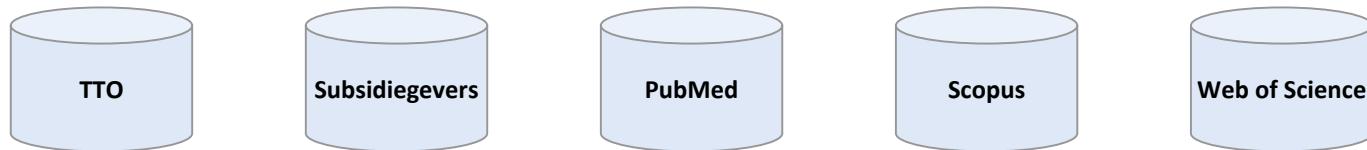
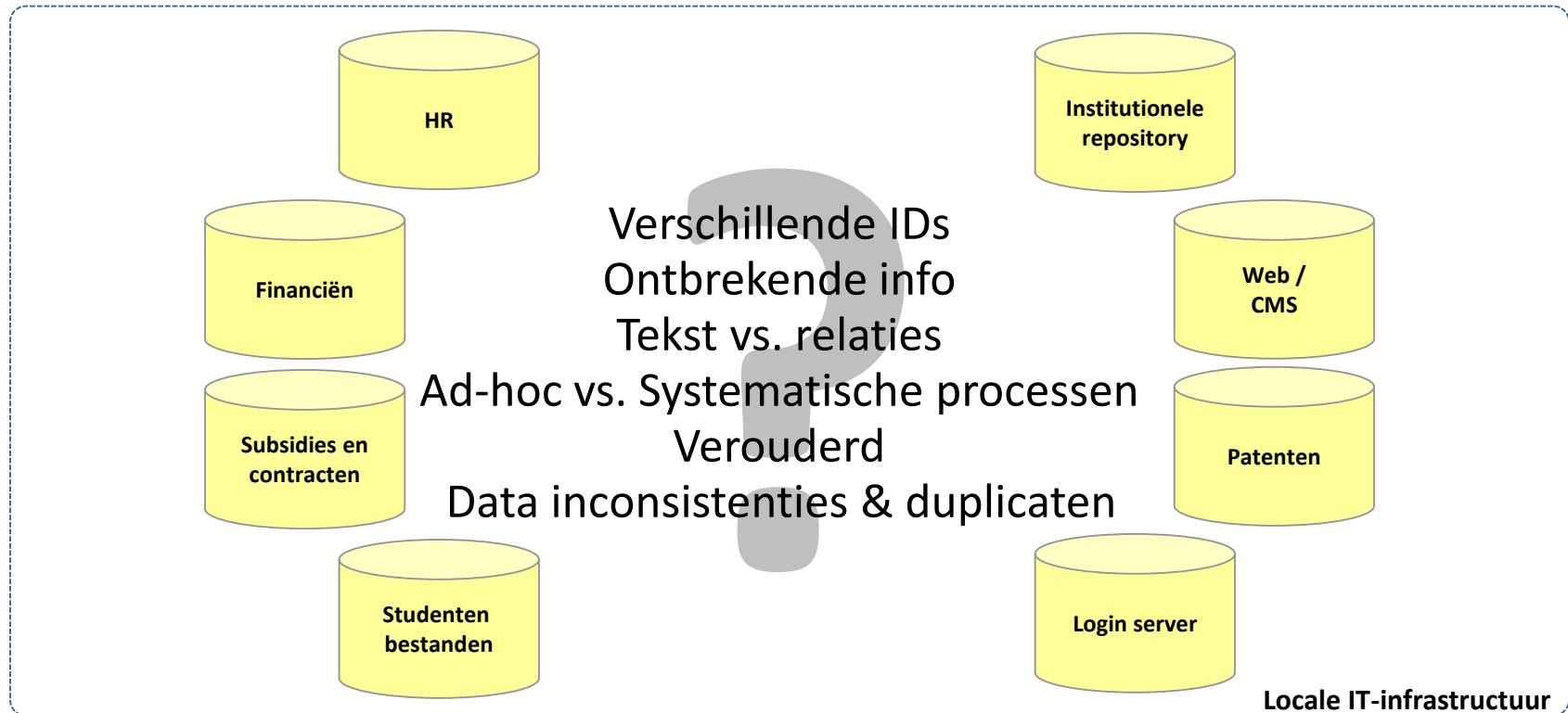
	Publication under modification	Already existing Publication
Key Information		
Publication type:	<input checked="" type="radio"/> Journal article <input type="radio"/> Conference paper	<input type="radio"/> Journal article <input checked="" type="radio"/> Conference paper
Title:	<input type="radio"/> Electrical conductivity and crystallization of amorphous bismuth ruthenate thin films deposited by spray pyrolysis	<input checked="" type="radio"/> Electrical conductivity and crystallization of amorphous bismuth ruthenate thin films deposited by spray pyrolysis.
Subtitle:		
Abstract:	<input type="radio"/>	<input checked="" type="radio"/> Amorphous oxide thin films with tailored functionality will be crucial for the next generation of micro-electro-mechanical-systems (MEMS). Due to potentially favorable electronic and catalytic properties, amorphous bismuth ruthenate thin films might be applied in this regard. We report on the deposition of amorphous bismuth ruthenate thin films

Cancel **Merge**



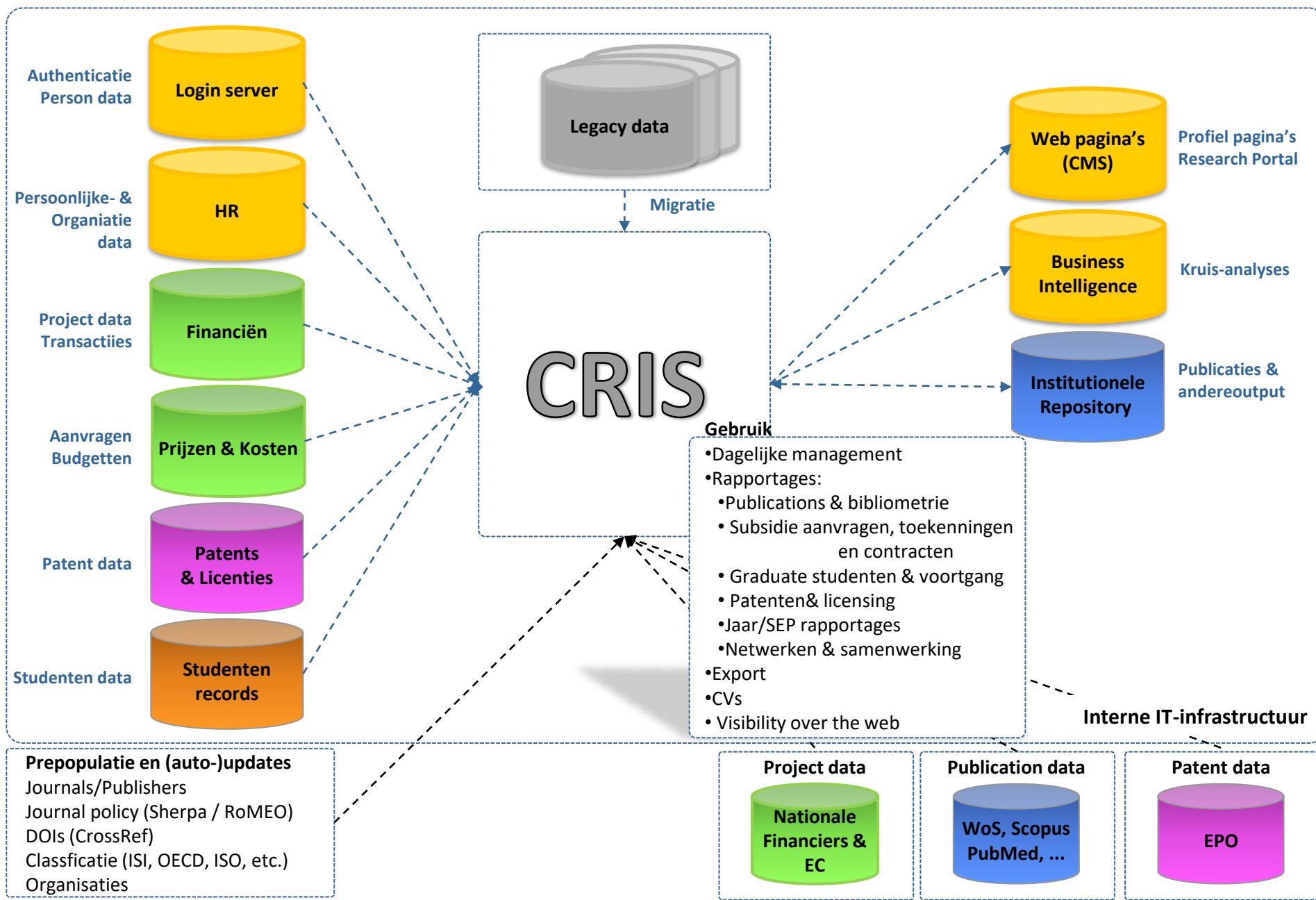
Waarom CRIS?

Fragmentatie, data inconsistentie, hoge kosten, ...





CONVERIS & integratie



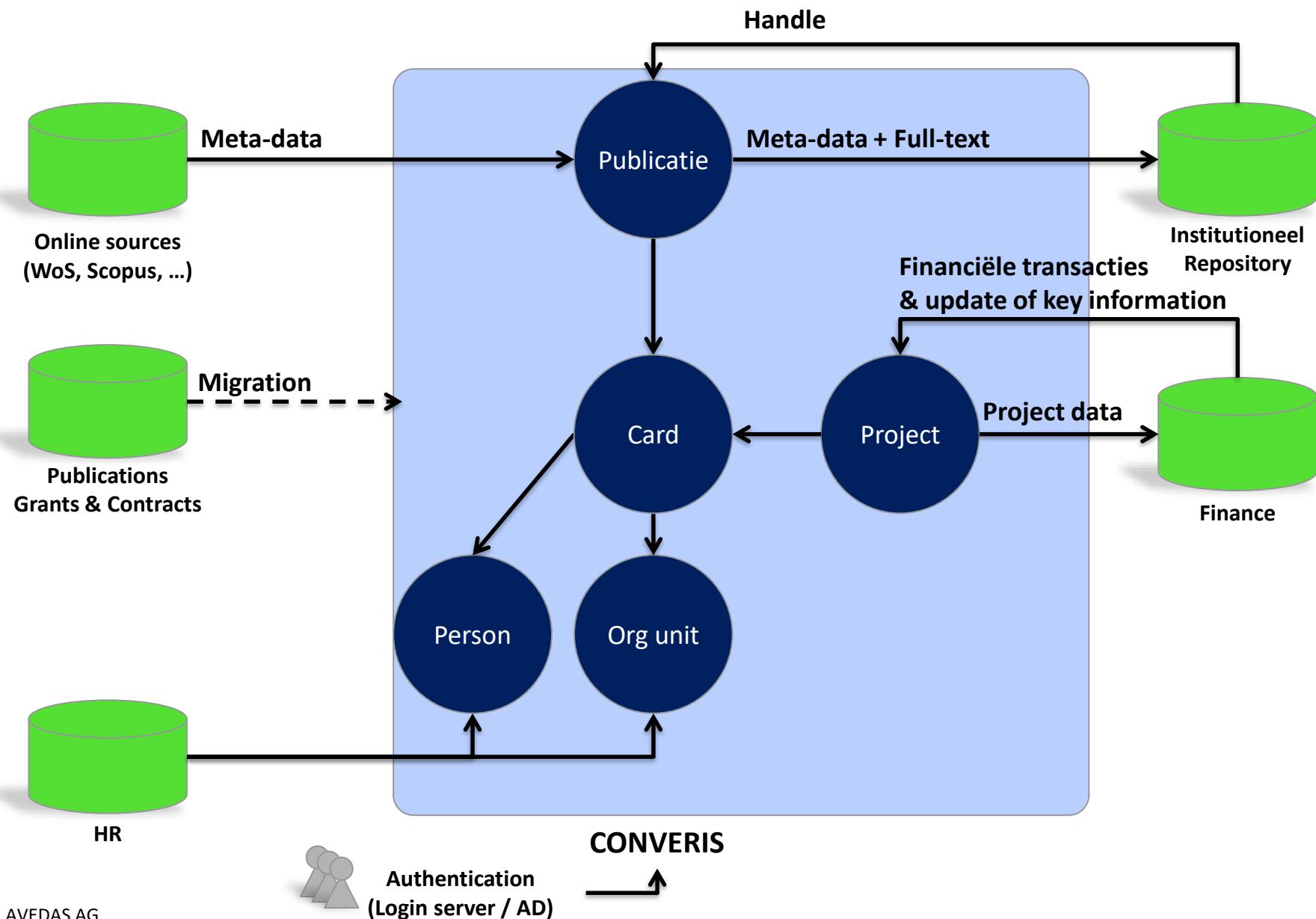


CONVERIS biedt 50+ connectors / interfaces voor:

- Login Server
 - HR
 - Financiën (budgettering)
 - Studenten
 - Institutionele Repositories (Dspace, Eprints, Fedora)
 - Management Informatie Systemen
 - CMS / Web pagina's
- ... primair via web services (& public web), periodieke file overdracht, directe database connection en OAI-PMH.
... voldoet al aan CERIF 1.5



Integratie voorbeeld





CONVERIS

Probeer 't zelf!





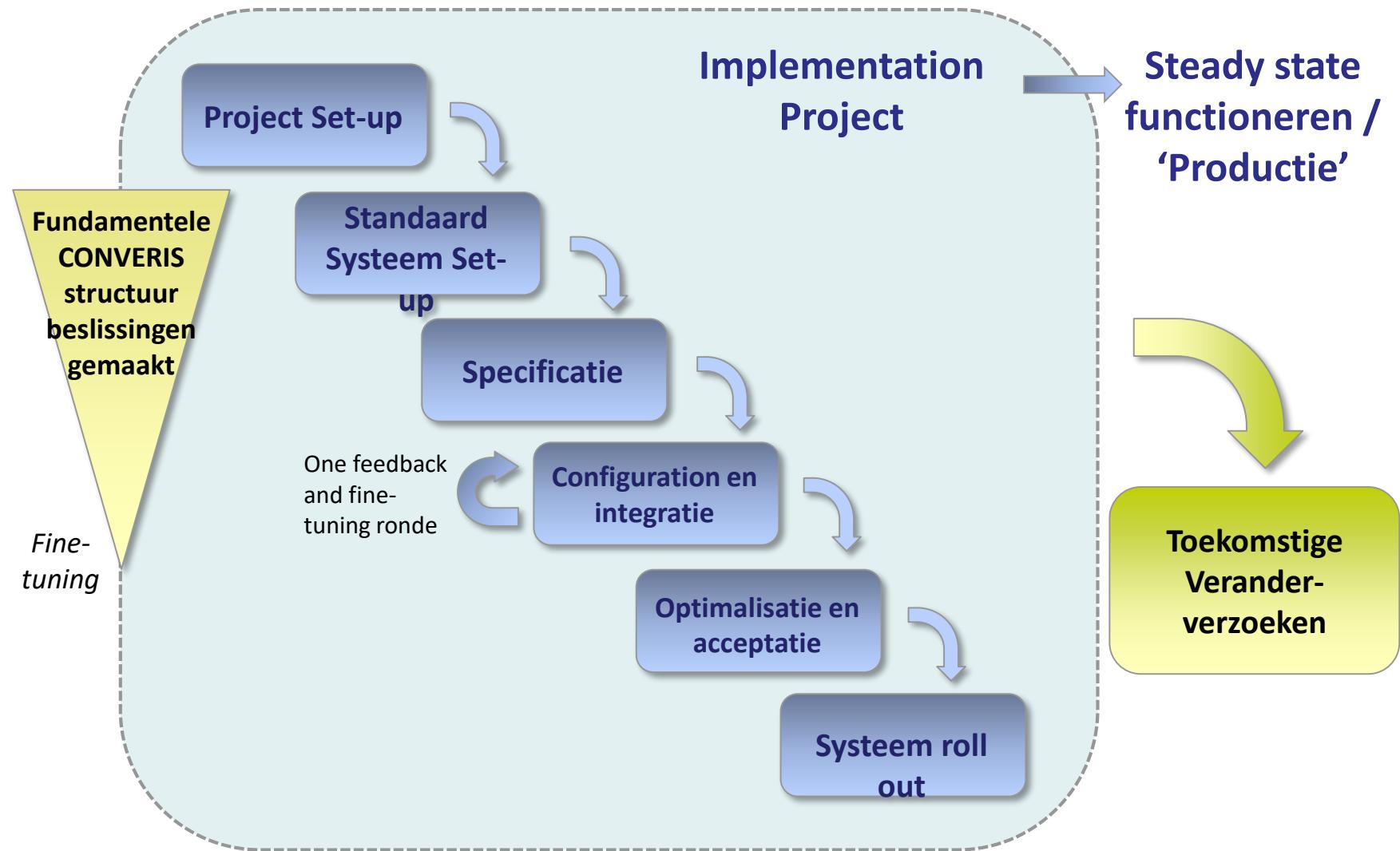
CONVERIS

Implementatie plan





AVEDAS' implementatie benadering





Implementatie plan

0. Project set-up

- Organisatie set-up en gedetailleerde tijdsplanning

1. Systeem set-up (Milestone: Specification van configuratie en integratie)

- D1.1 Set-up of CONVERIS en pre-populatie system
- D1.2 Review eisen versus test system om specificatie te maken
- D1.3 Inventarisatie van interne bronnen en data om specificatie te maken

2. Systeem configuratie (Milestone: Customer specific system)

- D2.1 Configuratie om aan eisen te voldoen (data model & templates, gebruikers rechten, workflows en rapportages)

3. Systeem integratie (Milestone: System geïntegreerd enlive)

- D3.1 Mapping van data van interne systemen met CONVERIS & en integratie
- D3.2 Hergebruik van legacy data & kwaliteitsborging
- D3.3 Installatie, testen, optimalisatie en acceptatie

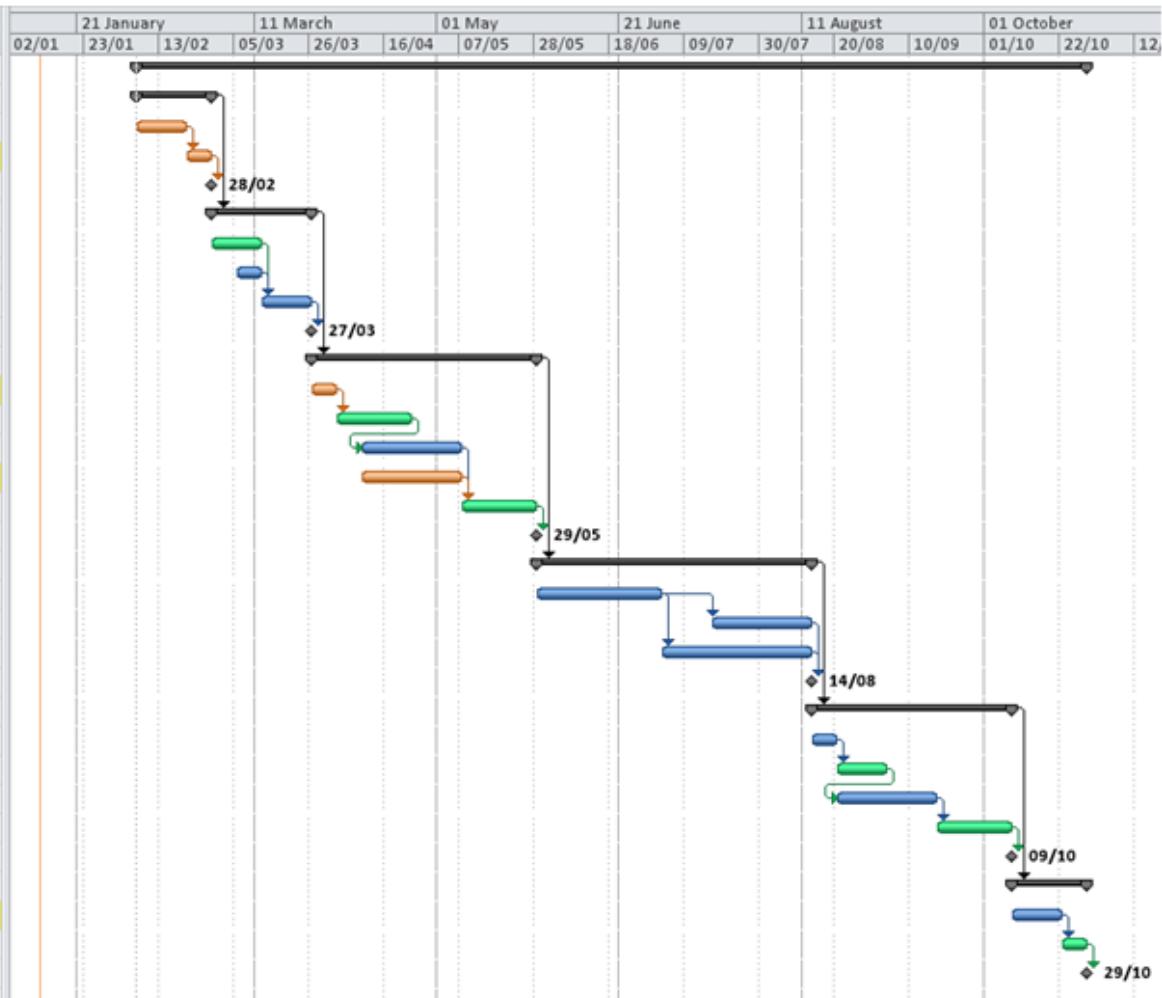
4. Systeem in gebruikname (Milestone: Live system in gebruik)

- D4.1 Training van key users (train de trainer)
- D4.2 Roll-out



Implementatie plan

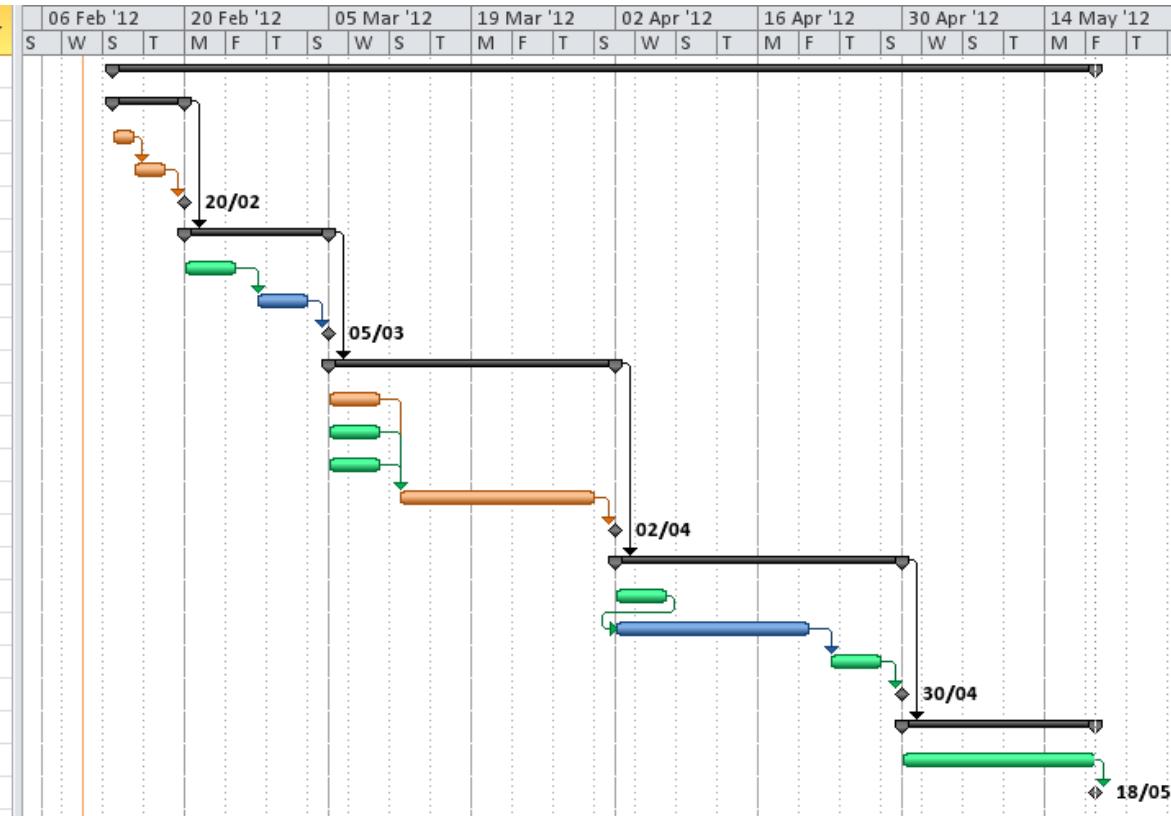
Task Name	Duration	Work
CONVERIS Implementation plan	190 dys	98.17 dys
1. Project set-up	15 dys	5 dys
D1.1 Set-up of project organisation	10 dys	2 dys
D1.2 Kickoff workshop and detailed planning	5 dys	3 dys
M 1: Agreed project plan and organisation	0 dys	0 dys
2 Set-up of Standard system	20 dys	5 dys
D2.1 University delivers data exports	10 dys	0 dys
D2.2 Set-up of CONVERIS	5 dys	1 dy
D2.3 AVEDAS imports data from university	10 dys	4 dys
M 2: Standard system with data	0 dys	0 dys
3 Specification	45 dys	17.67 dys
D3.1 Presentation of Standard system	5 dys	3 dys
D3.2 Evaluation of Standard system	15 dys	0 dys
D3.3 System specification	20 dys	8 dys
D3.4 Mapping & specification of integrations	20 dys	6.67 dys
D3.5 Evaluation of specification	15 dys	0 dys
M 3: Accepted specification	0 dys	0 dys
4 Configuration and integration	55 dys	50 dys
D 4.1 Configuration according to specification	25 dys	15 dys
D4.2 Data import and quality assurance	20 dys	5 dys
D4.3 Integration of internal systems	30 dys	30 dys
M 4: Customer specific system	0 dys	0 dys
5 Optimisation and acceptance	40 dys	14 dys
D5.1 Installation on internal server	5 dys	2 dys
D5.2 Evaluation of system	10 dys	0 dys
D5.3 Fine tuning and documentation	20 dys	12 dys
D5.3 Acceptance	15 dys	0 dys
M 5: Live system	0 dys	0 dys
6 Roll-out	15 dys	6.5 dys
D6.1 Training of key users	10 dys	6 dys
D6.2 Roll-out starts	5 dys	0.5 dys
M 6: Live system roll-out started	0 dys	0 dys





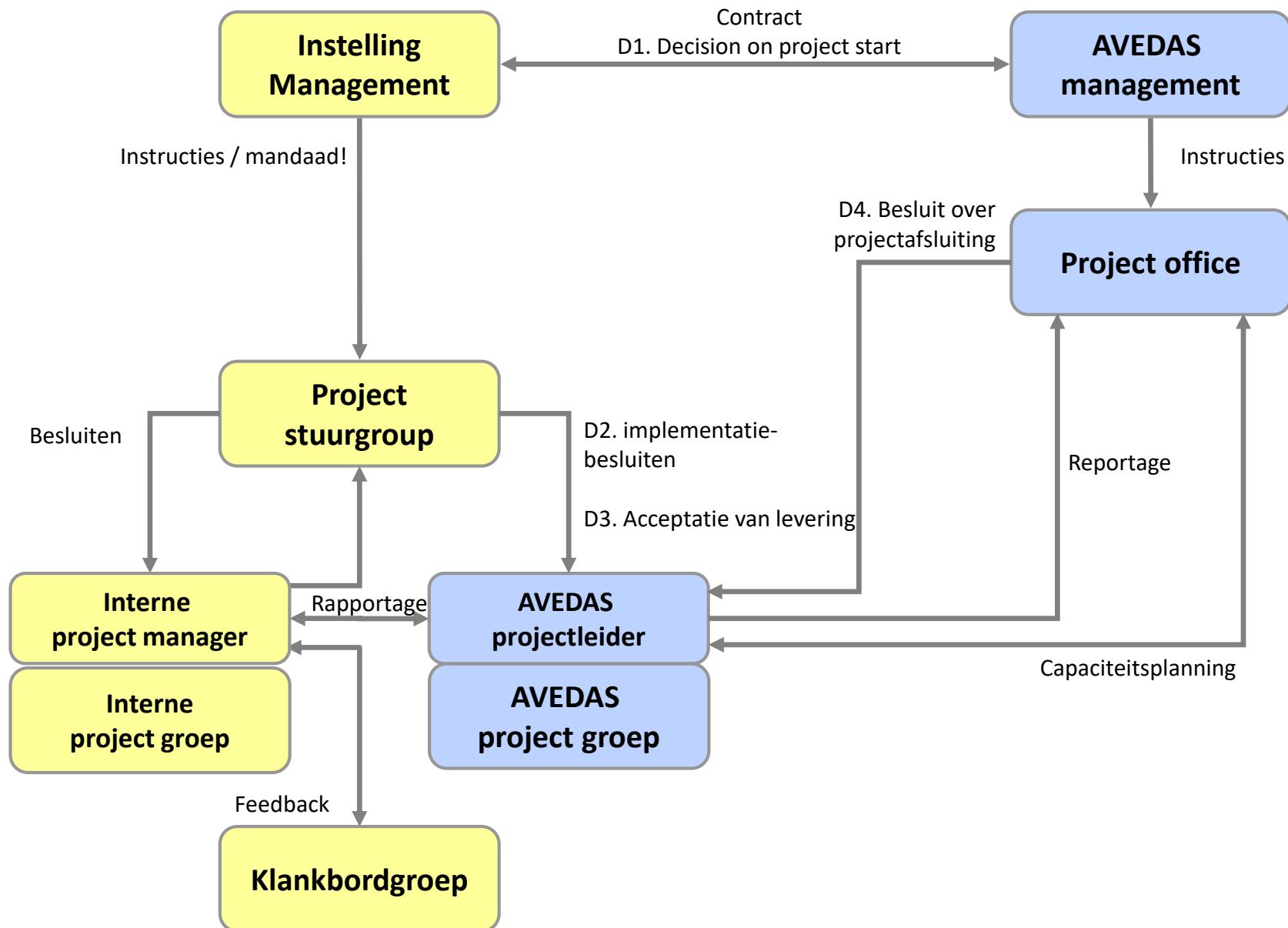
CONVERIS Fast Track

Task Name
CONVERIS Implementation Plan
1. Project set-up
D1.1 Set-up of project organisation
D1.2 Kickoff workshop and detailed planning
M 1: Agreed project plan and organisation
2 Set-up of Standard system
D2.1 University delivers data exports (CERIF desired)
D2.2 Set-up of CONVERIS (external server)
M 2: Standard system fully operational
3 Integration
D3.1 Agreement of core workflows
D3.2 Mapping of internal data sources to standard CONVERIS connectors
D3.3 Specification of system changes
D3.4 Implementation of integrations
M 3: Implemented integrations and configuration changes
4 Optimisation
D4.1 Evaluation
D4.2 Finalisation (testing & documentation)
D4.3 Training of key users
M 4: Live system
5 Acceptance and system roll-out
D5.1 Acceptance testing
M 5: Live system accepted and roll-out starts





Voorbeeld van project organisatie





CONVERIS

Operational Services





- Onderdeel van de jaarlijkse licentie:
 - Systeem onderhoud
 - Minor upgrades
 - Support: 2nd niveau
 - CONVERIS Support Forum (CSF): online
 - Telefoon, Skype, Email
- **Optioneel:** Server administratie en Hosting
- **Optioneel:** Additionele support (data migration, integration, configuration, development, trainings, etc.), major upgrades.



Server administratie & hosting opties

- Server administratie

Incl. installatie, upgrades, backups, roll-backs, server software updates, ...

- Housing: op een interne server bij de instelling
- Hosting: Server Administration & High Availability Hosting at AEDAS
- Service Level Agreement (SLA)
- Alternatieven
 - A - inhouse: Instelling doet alles, Avedas doet niets.
 - B - housing: Instelling levert servers, Avedas doet server administratie
 - C - hosting: Institution doet nothing, Avedas doer alles (met of zonder SLA).



Customisation through CONVERIS Configuration interface

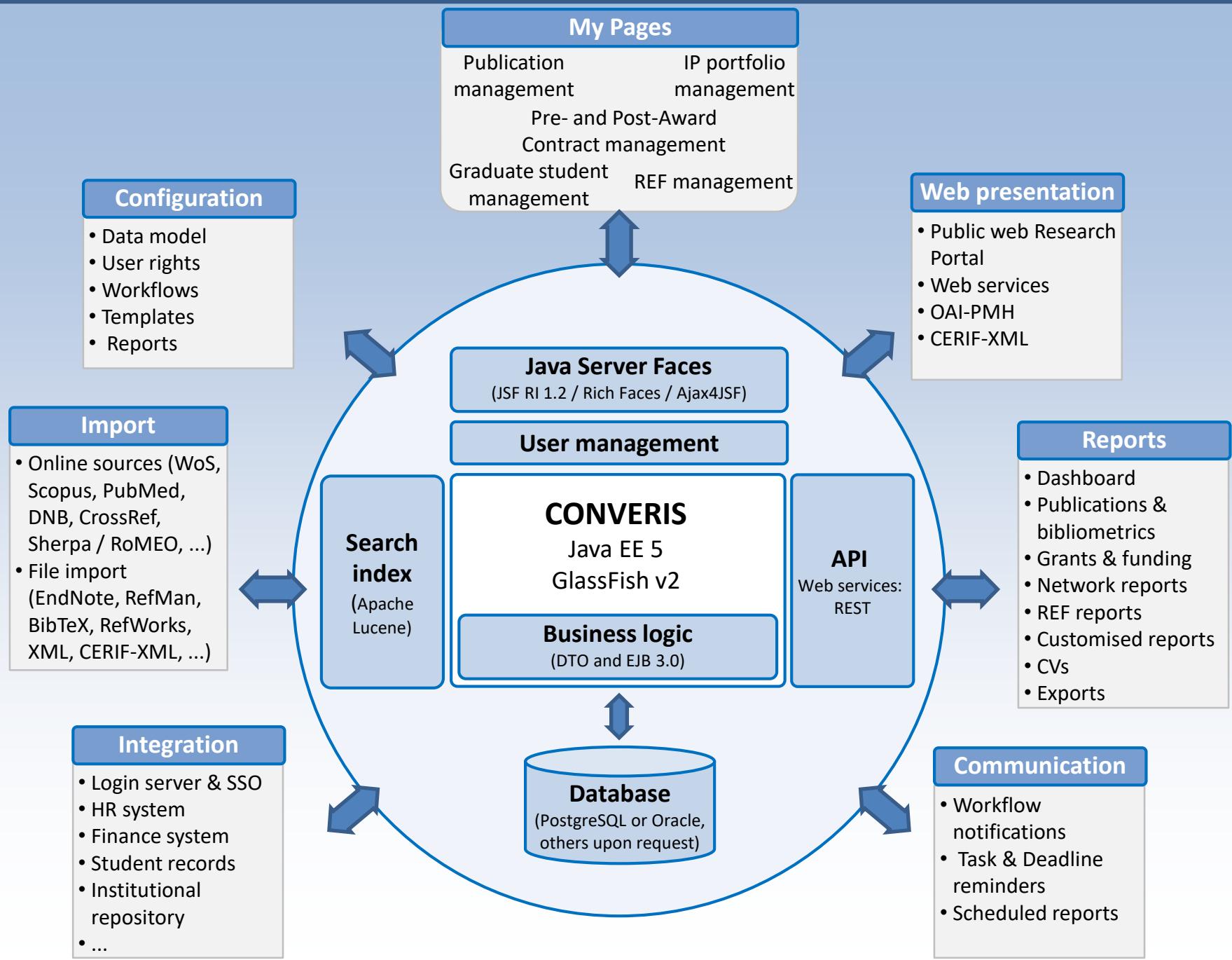
- Data model
- Workflows
- User rights
- Templates
- Reports
- ... see system!



CONVERIS

Technische details / specs







Example Technical Infrastructure

