Southern Cross University

Exploring Esploro

Migration and implementation of Esploro at Southern Cross University

Margaret Pembroke

August 2019

Outline

- About Southern Cross
- The Australian repository landscape
- Current infrastructure
- Why Esploro
- The data
- Planned integrations
- The benefits

About Southern Cross

- Multi-campus regional university on the Australian east coast
- Approx. 840 FTE and 11,000 EFTSL
- Home to nine research centres
- Ranked “well above world standard” in 14 research fields by the latest Excellence in Research Australia
- “At world standard” in a further 23 research fields

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The Australian repository landscape

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- **Historically many University repositories were created from government funding**
- **ARROW – Australian Research Repositories Online to the World**
- **Excellence in Research Australia (ERA)**
- **Open Access – mandates…almost**
- **CAUL Review of Australian Repository Infrastructure**

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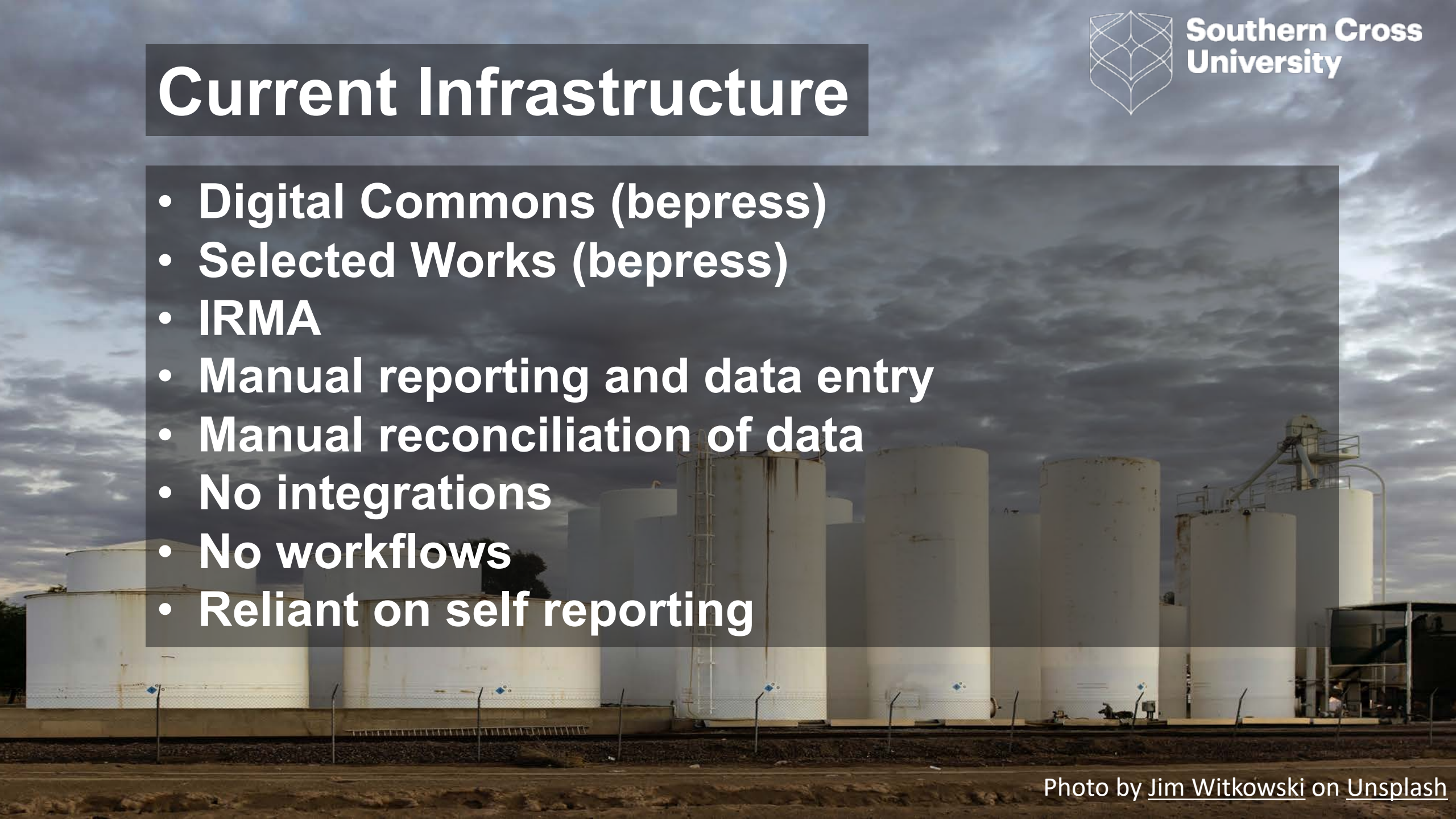
Current Infrastructure

- Digital Commons (bepress)
- Selected Works (bepress)
- IRMA
- Manual reporting and data entry
- Manual reconciliation of data
- No integrations
- No workflows
- Reliant on self reporting



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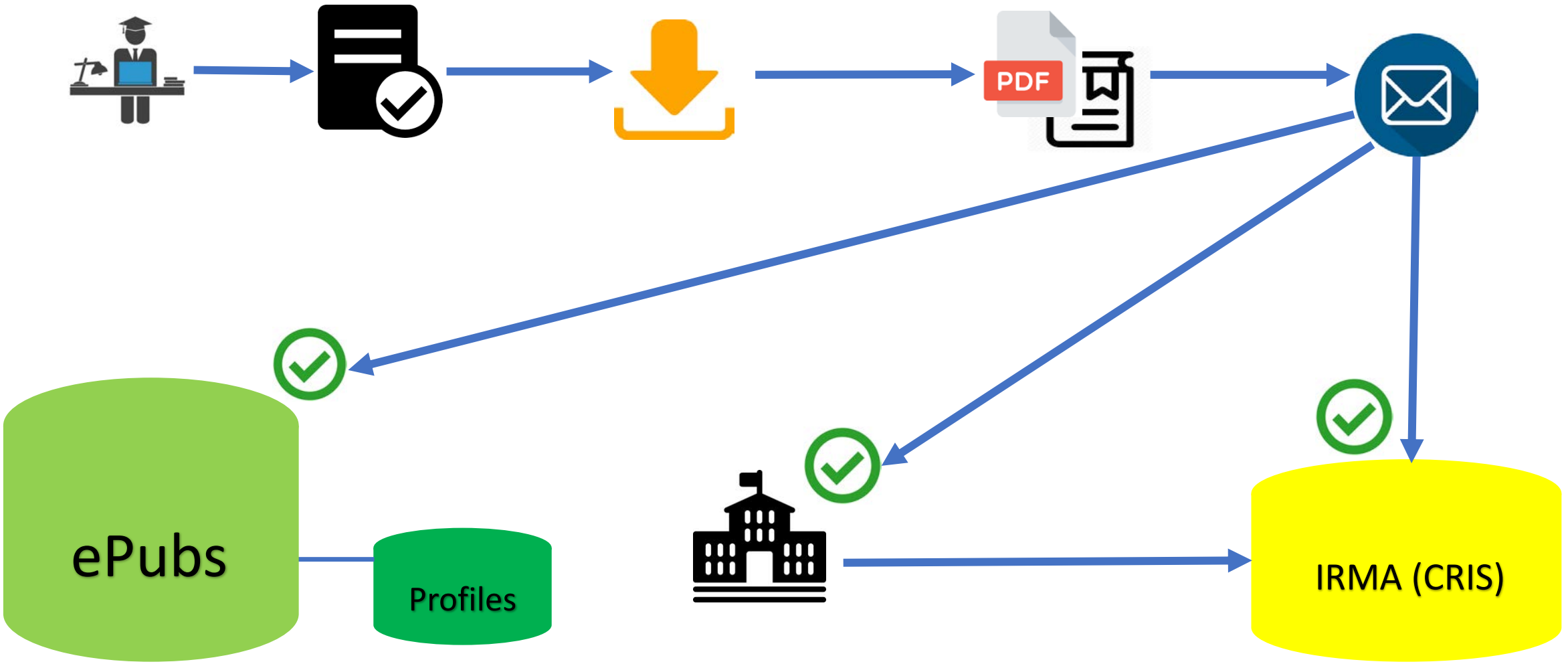
Current submission process



Why Esploro

- Early Adopter
- ExLibris support for migration
- Automagic harvesting
- Improved processes
- Analytics
- Integrations
- Collective intelligence

Early Adopter

- A chance to influence
- Ensure Esploro will fit our use case
- Financial benefits
- Also comes with risk

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Expect the unexpected

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- A twelve week Copyright Agency Electronic Use and Hard Copy Monitoring Survey
- Emergence of new Research Centres
- Technology Services SaaS project to move Finance and Student Services to the cloud
- A technology change freeze

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Migration

- OAI-PMH export using document export
- All bepress data also backed up to AWS3
- Mapping of metadata
- bepress asset types
- Related works
- Works with authors in different organisational departments
- Statistics

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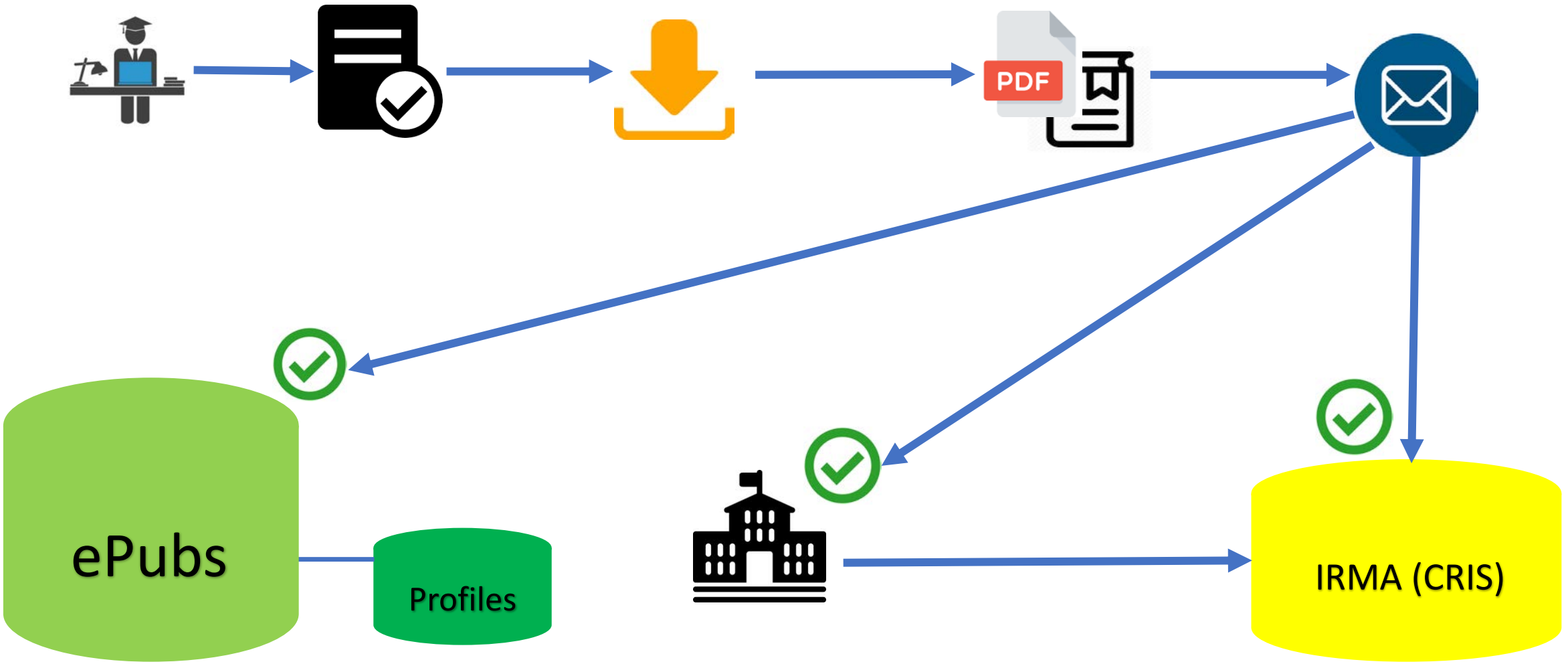
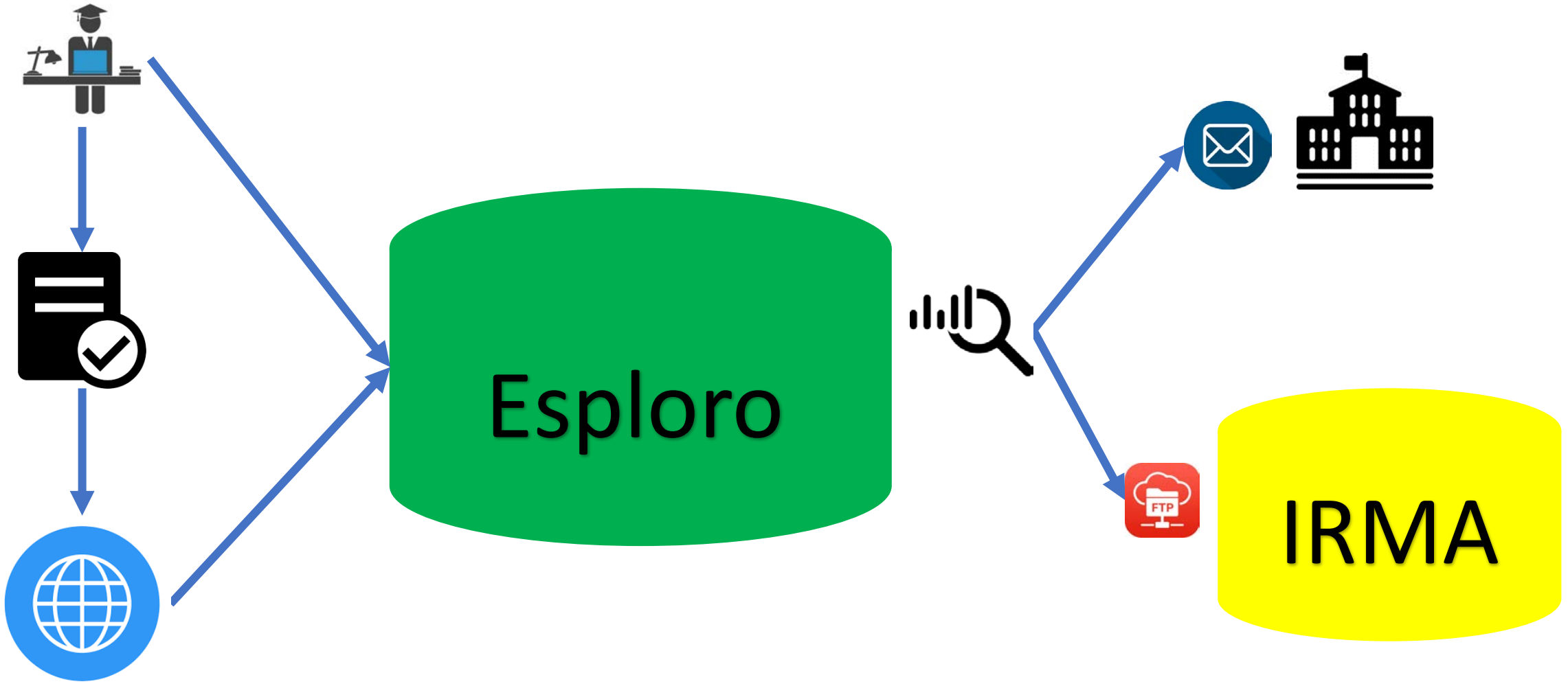
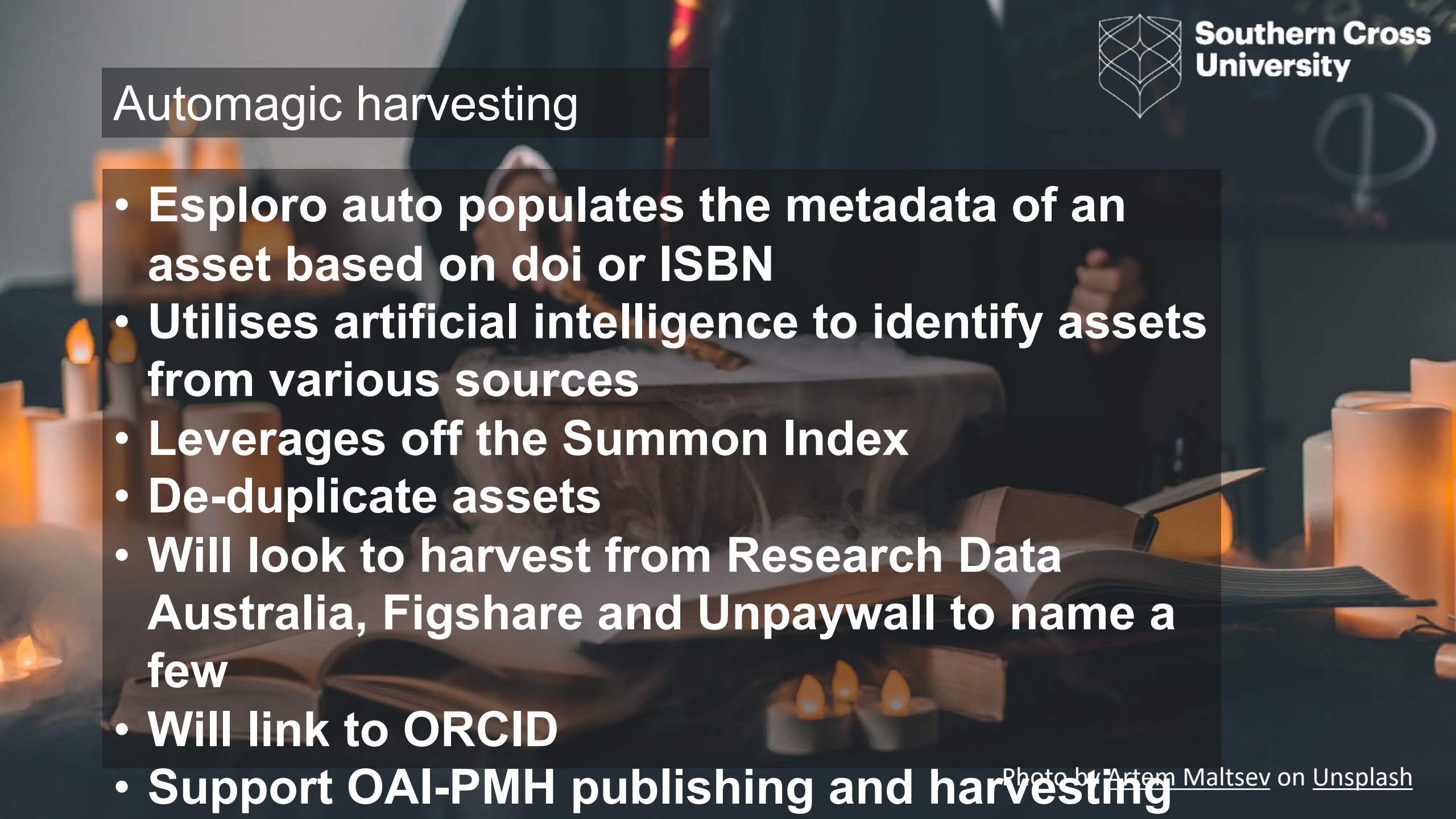
Current submission process



Proposed submission process





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Automagic harvesting

- Esploro auto populates the metadata of an asset based on doi or ISBN
- Utilises artificial intelligence to identify assets from various sources
- Leverages off the Summon Index
- De-duplicate assets
- Will look to harvest from Research Data Australia, Figshare and Unpaywall to name a few
- Will link to ORCID
- Support OAI-PMH publishing and harvesting

Photo by Artem Maltsev on Unsplash

The data

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- ePublications contains nearly 20,000 assets
- Approx. 23% are Open Access
- Open Access content includes a conference proceeding, a defunct journal and Southern Cross theses
- Each series represents a School, Work Unit, Research Centre, or a data collection
- Relationships between the assets in bepress are managed with html hyperlinks
- There was no staff load or synchronisation written for Alma

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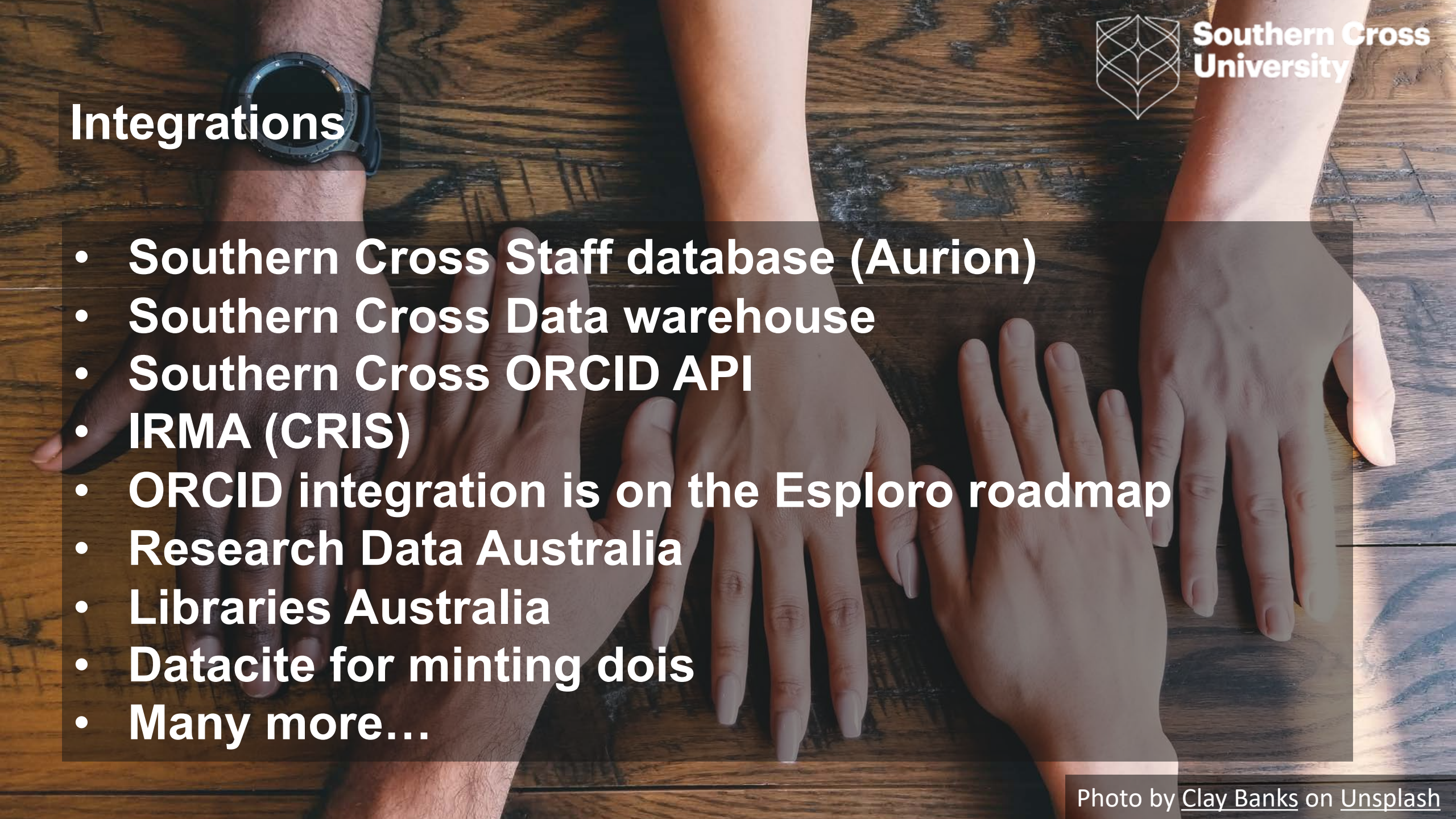

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Integrations

- Southern Cross Staff database (Aurion)
- Southern Cross Data warehouse
- Southern Cross ORCID API
- IRMA (CRIS)
- ORCID integration is on the Esploro roadmap
- Research Data Australia
- Libraries Australia
- Datacite for minting dois
- Many more…

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Research on Primo VE

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ADVANCED SEARCH

Tweak your results

Sort by Title

Browse research organization

- Carver College of Medicine
- College of Dentistry
- College of Education
- College of Engineering
- College of Law
- College of Liberal Arts and Sciences
- College of Nursing
- College of Pharmacy
- College of Public Health
- Continuing Education
- Graduate College
- Information Technology Services
- Inst Clinical & Translational

PAGE 1 *213 Results*

1 ARTICLE
A Collaborative Linkage Study on Gilles-De-La-Tourette Syndrome
D. L. Pauls ; R. Rozmahel ; Eric J. Devor ; J. Weber ; A. J. Pakstis ; P. Heutink
19911001
American Journal of Human Genetics, 49, 4, 343-343
Available Online

2 BOOK CHAPTER
A comparison of tubal ligation reversal procedures
Bradley J. Van Voorhis
200009
Clinical Obstetrics and Gynecology., RM Pitkin & JR Scott Editors
Available Online

3 ARTICLE
A Genetic-Study of Platelet Adenylate-Cyclase Activity - Evidence for a Single Major Locus Effect in Fluoride-Stimulated Activity
B. Tabakoff ; P. L. Hoffman ; C. R. Cloninger ; Eric J. Devor
19910801
American Journal of Human Genetics, 49, 2, 372-377
Available Online

4 ARTICLE
A logistic regression model including DNA status and morphology of spermatozoa for prediction of fertilization in vitro
A. Ayhan ; H. Yarali ; M. E. Enginsu ; S. Gunalp ; T. Gurgan ; Eyup Hakan Duran
19980501

PAGE 1

Researcher portal

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Researchers

Adrian H. Elcock
Professor of Biochemistry

Catherine A. Musselman
Assistant Professor of Biochemistry

Charles Brenner
Professor of Biochemistry

Daniel L. Weeks
Professor of Biochemistry

Ernesto Fuentes
Associate Professor of Biochemistry

Kris A. DeMali
Professor of Biochemistry

Madeline Shea
Professor of Biochemistry

Maria Spies
Professor of Biochemistry

Miles Pufall
Associate Professor of Biochemistry

View all researchers

Researcher profiles

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Inbal Arnon

Professor of Psychology, Psychology, Hebrew University of Jerusalem

Learning / *Language* / *Child Development* / *Language Acquisition* / *Language Learning* / *Cognictive Development* / *Speech and Language Processing* / *Language Development* / *Psycholinguistics*

Overview | Output | Achievements | Timeline

Expertise

My research lies at the intersection of Linguistics, Psychology and Cognitive Science - it combines theoretical insights from the three fields, and applies experimental methods from the social sciences to the study of language. We draw on a variety of experimental methodologies (among them naturalistic child and adult corpus studies, experiments with children and adults, and artificial language learning), and look at a range of languages (mostly English, Hebrew and Arabic) and populations (child learners, adult native-speakers, and L2 learners.

Highlights

JOURNAL ARTICLE

"Piensa" twice: On the foreign language effect in decision making

by **Albert Costa**, **Alice Foucart**, **Inbal Arnon**, **Jose Apesteguia** and **Melina Aparici**

JOURNAL ARTICLE

Minding the gaps: literacy enhances lexical

Details

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Links

Personal website

The Living Lab

A project aimed to educate the public about child development by immersing museum visitors in the process of scientific discovery.

Welcome, Pembroke, Margie

Thursday, August 22, 2019

Recent Pages

- Deposit Research Asset — Research
- Import Research Assets Files — Research
- Duplicate Researcher Report — Research
- Manage Researchers — Research
- Manage Grants — Research

Keep Up With Alma

Are you integrating with a third party system and need to supply the system with data from Alma on a regular basis?

Now in addition to the APIs, integration profiles, and publishing options it is also possible to export an Alma Analytics report in Excel, text and pdf format as a scheduled report to an FTP server.

Learn more about this powerful new feature in the July 2019 release at How to automate the process of sending an Alma Analytics report to an FTP server.

See more exciting new features!

Share your great ideas with us and help us improve Alma!

Current fines active users

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Discovery Search

Search anything...

Notifications

Nothing to show here

Tasks

- 48 Borrowing Requests
- 12 Other Requests
- 31 Order Lines
- 1 Invoices
- 22 Research Deposits

Scheduled Jobs Status

22/08 | 21/08 | 20/08 | 19/08 | 18/08

Sandbox(es)

This widget has been deprecated.

2018 Fund Expenditure

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2018 Serials and Databases Expenditure

Open in a new window

+ ADD CONTENT

Edit profile

Overview | Output

Margie Pembroke

University Library, Southern Cross University

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Southern Cross University, University Library

Global ID

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Address

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Lismore,

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Overview | Output

In process (2)

+ ADD WORK

JOURNAL ARTICLE SUBMITTED

Crowd Sourcing for Conservation: Web 2.0 a Powerful Tool for Biologists

by Margie Mary Pembroke, William E. Boyd and David Alan Newell

Future Internet

The advent and adoption of Web 2.0 technologies offers a powerful approach to enhancing the capture of information in natural resource ecology, notably community knowledge of species distributions. Such information has previously been collected using, for example, postal sur

JOURNAL ARTICLE SUBMITTED

The age of the hominin fossils from Jebel Irhoud, Morocco, and the origins of the Middle Stone Age

by Margie Mary Pembroke

Nature

The timing and location of the emergence of our species and of associated behavioural changes are crucial for our understanding of human evolution. The earliest fossil attributed to a mode form of Homo sapiens comes from eastern Africa and is approximately 195 thousand years

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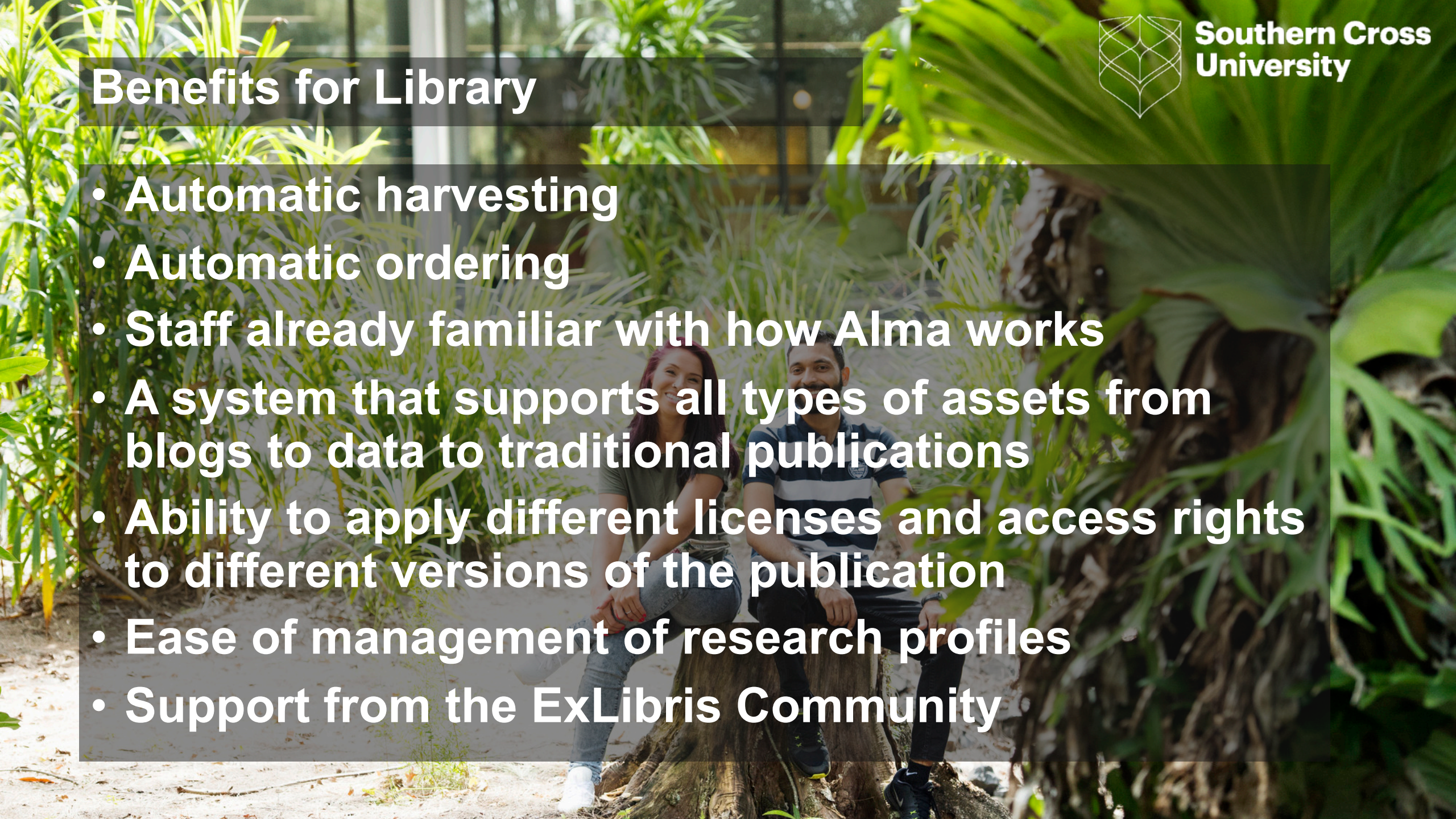

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Benefits for Library

- Automatic harvesting
- Automatic ordering
- Staff already familiar with how Alma works
- A system that supports all types of assets from blogs to data to traditional publications
- Ability to apply different licenses and access rights to different versions of the publication
- Ease of management of research profiles
- Support from the ExLibris Community

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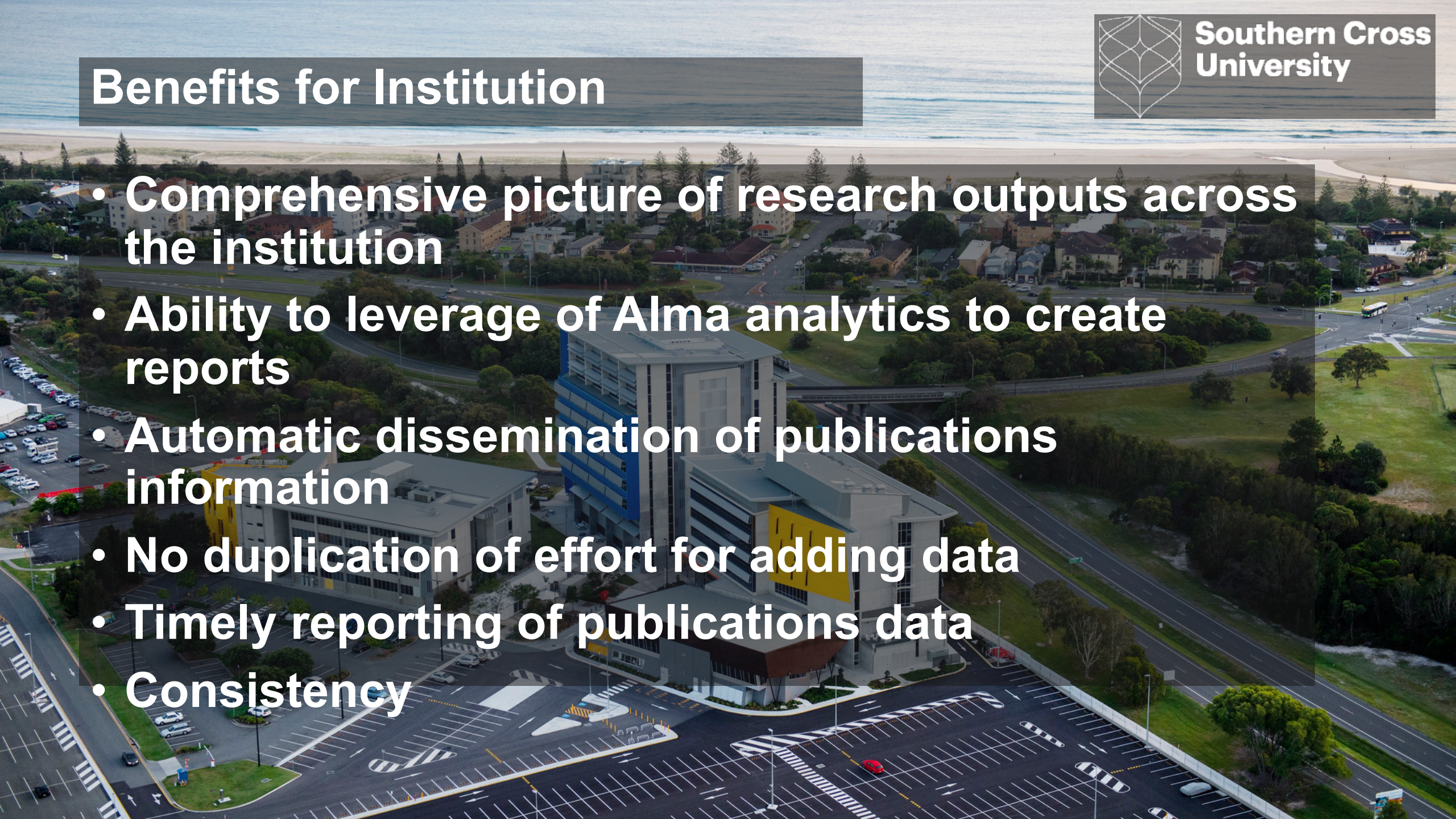
Benefits for Researchers

- Minimal effort maximum exposure
- Increased visibility
- Compliance with funding requirements
- Time saving for research centre administrative staff
- Automatic generation of profile
- Research Profiles that will be fully integrated with the repository
- Time saving for the researcher

Photo by Nik MacMillan on Unsplash



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Benefits for Institution

- Comprehensive picture of research outputs across the institution
- Ability to leverage of Alma analytics to create reports
- Automatic dissemination of publications information
- No duplication of effort for adding data
- Timely reporting of publications data
- Consistency

Questions?

Photo by Camylla Battani on Unsplash

References

Kennan, M., & Kingsley, D. (2009). The state of the nation: A snapshot of Australian institutional repositories. *First Monday, 14*(2). doi:https://doi.org/10.5210/fm.v14i2.2282

CAUL Review of Australian Repository Infrastructure https://www.caul.edu.au/programs-projects/fair-affordable-open-access-knowledge/review-repository-infrastructure