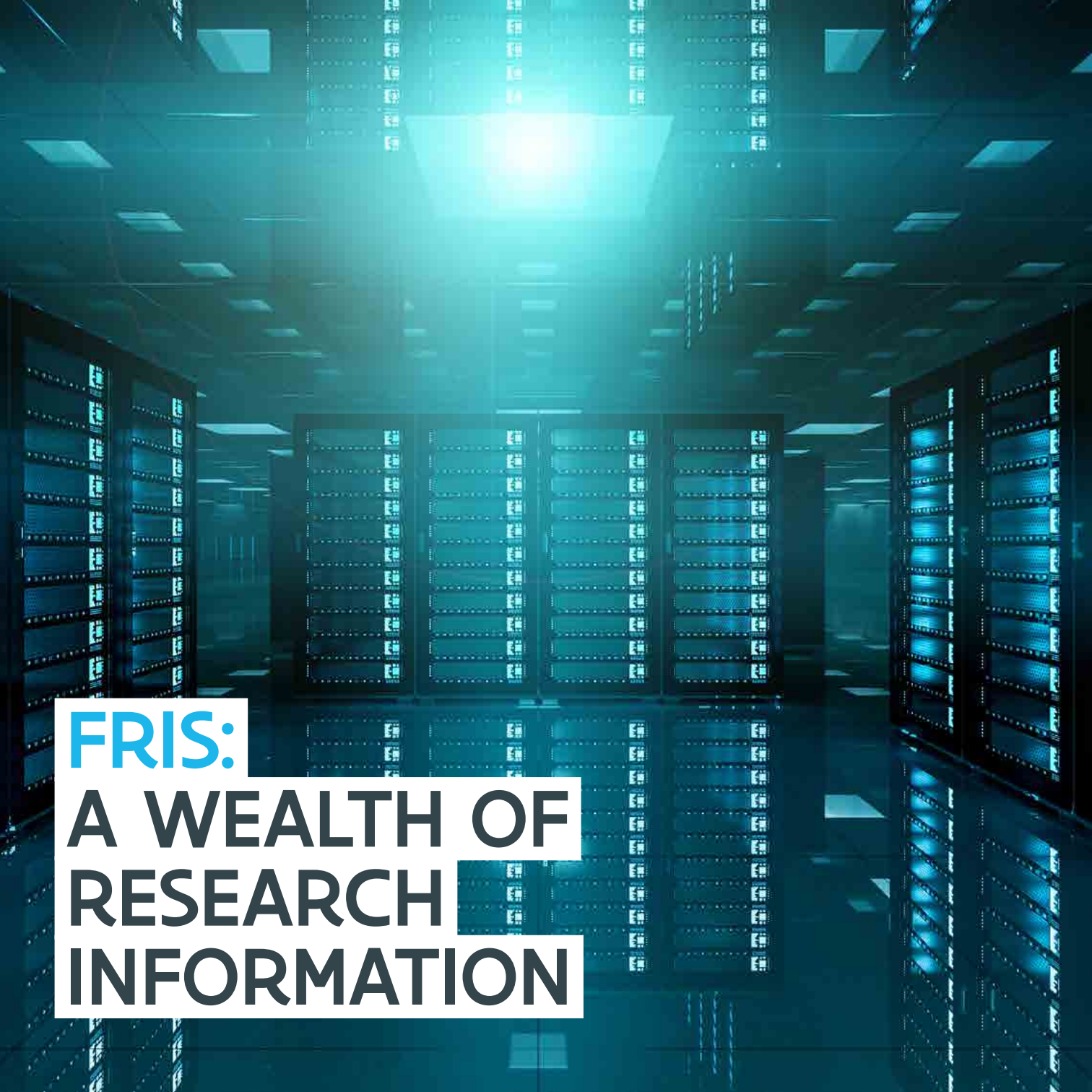
FRIS

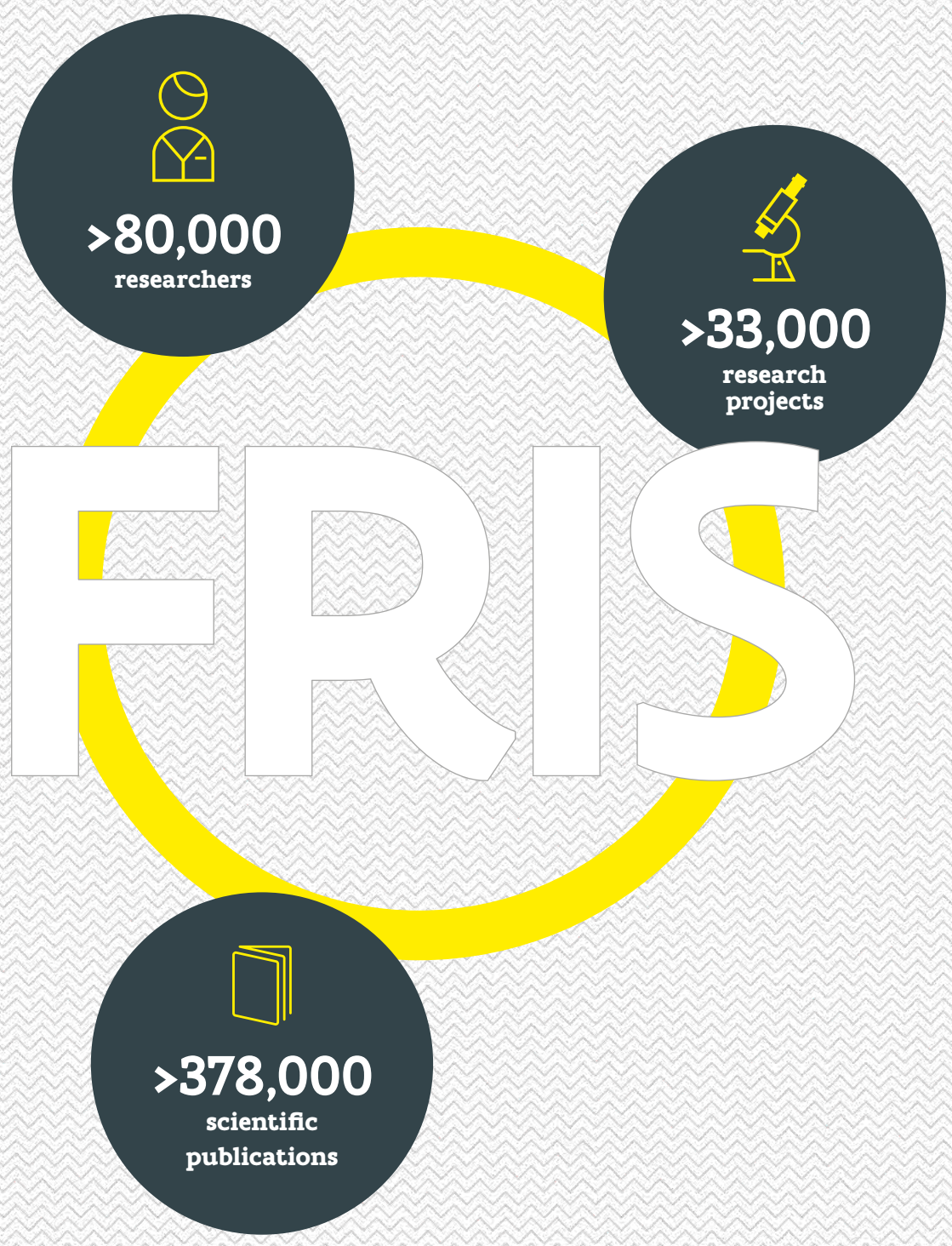
FLANDERS RESEARCH INFORMATION SPACE

Flanders
State of the Art

DEPARTMENT OF
ECONOMY
SCIENCE &
INNOVATION



FRIS: A WEALTH OF RESEARCH INFORMATION


>80,000
researchers
>33,000
research
projects
FRIS
>378,000
scientific
publications

33,000 research projects. 80,000 researchers.

378,000 scientific publications.

Meet Flanders Research Information Space (FRIS).

A wealth of research data and results,

waiting to be used. **By you.**

SOURCE OF RESEARCH AND EXPERTISE

FRIS aggregates all the publicly funded research in Flanders.

With FRIS you can quickly and easily look up further information on researchers, their projects and publications, allowing you to find your way to experts and their areas of expertise faster. FRIS opens the doors that would otherwise remain closed.

ALWAYS UP TO DATE

5 Flemish universities and 9 research institutions have already linked their systems to FRIS.

Automatically ensuring their data feeds directly into our information space. As soon as a research institute changes something in their systems, you'll immediately see the change in FRIS.

4 OBJECTIVES

Our aim? To deepen and share expertise in Flanders so it can lead to new insights and create an innovation-driven economy.

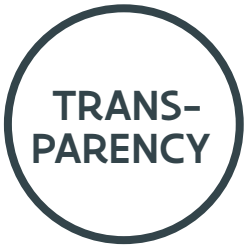
We have 4 separate objectives for achieving this:

To accelerate the chain from idea to innovation by ensuring a better information flow between research institutions and innovative organisations.

To reduce administrative burden through webservices by:

- requesting information just once and then sharing and reusing it to get the most out of available data;
- obtaining research information directly from the systems of the government and research institutions.

To make the **innovation strategies** of government, industry and research institutions more **efficient** by offering correct, complete and up to date information.



To make **research data publicly available**, so that everyone can use it freely.

HOW TO ACCESS FRIS RESEARCH DATA?

How can you access this wealth of information?

There are two ways. The online portal researchportal.be will tell you anything you want to know about research in Flanders. And with our free license you can request all the research data that you want to use for your own research and development.

Researchportal.be, the FRIS research portal, offers a unique window into all publicly funded research in Flanders.

SEARCHING THE FRIS RESEARCH PORTAL

The online catalogue will show you correct and up to date information on the research of 5 Flemish universities and all other institutions that collaborate with FRIS.

The various FRIS search filters enable you to quickly and easily find out what research has been conducted by which Flemish research group.

Equally, you can find the right expert or researcher with the right specialism within minutes. No more sitting around and waiting for people to come back to you. An even bigger network is now at your fingertips.

OPEN DATA FOR YOUR RESEARCH AND DEVELOPMENT

The Flemish government is a trailblazer when it comes to open data.

By opening up FRIS data to the public, we want to help you, as a company, researcher, or scientist, innovate and develop new applications.

This is why we offer free Flemish open data licences to students, researchers and organisations through open interfaces (API's). Allowing you to work with all publicly funded research data in Flanders.

You exchange information with us through

CERIF XML,

a European standard.

You can access FRIS data through

SOAP online services.

You can access them via a

FRIS SOAP API

and a

CERIF SOAP API

on

https://frisr3.researchportal.be/ws/

SUCCESS STORIES

Thinking about using FRIS open data to develop your own app?
But of course. These are just a few of our success stories.

ONTOFORCE

MEDICAL DATA SEARCH PLATFORM

ONTOFORCE links biomedical data in the DISQOVER search platform. The biotech company aims to accelerate innovations in health and life science enterprises.

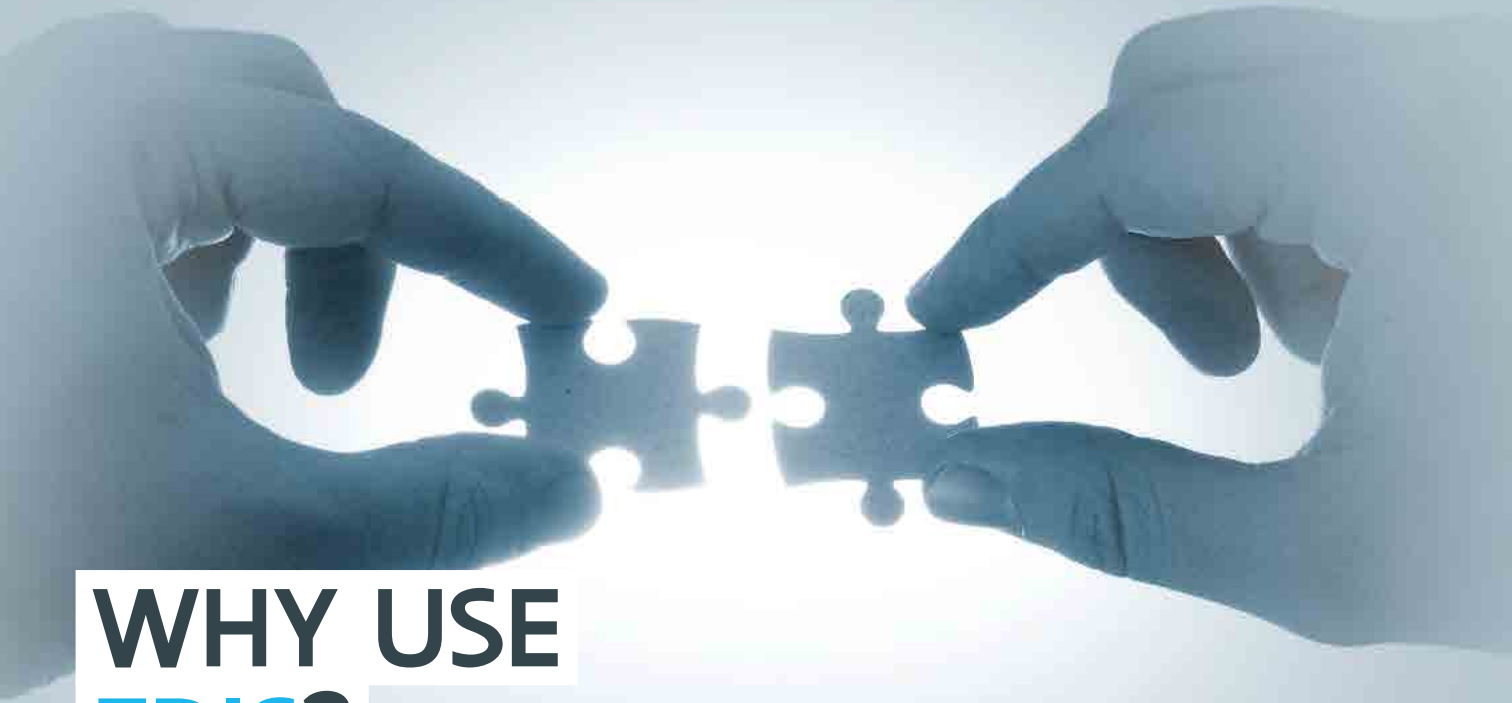
IdFuse

RESEARCH BENCHMARKING

Dutch organisation **IdFuse** developed Impacter. A tool that allows researchers to benchmark research proposals against conducted research. So that researchers can see exactly how innovative their research is.

Open data is given a score of 1 to 5 stars. I rate FRIS research data 4 or 5 stars. The highest score, because their data is ready to be linked to other data sets. It is the first databank that we could integrate so quickly and easily. Other open data initiatives should follow this example."

Hans Constandt
CEO **ONTOFORCE**



WHY USE FRIS?

Whether you're an innovative company, a research institute, researcher or government body,

open data offers many advantages.

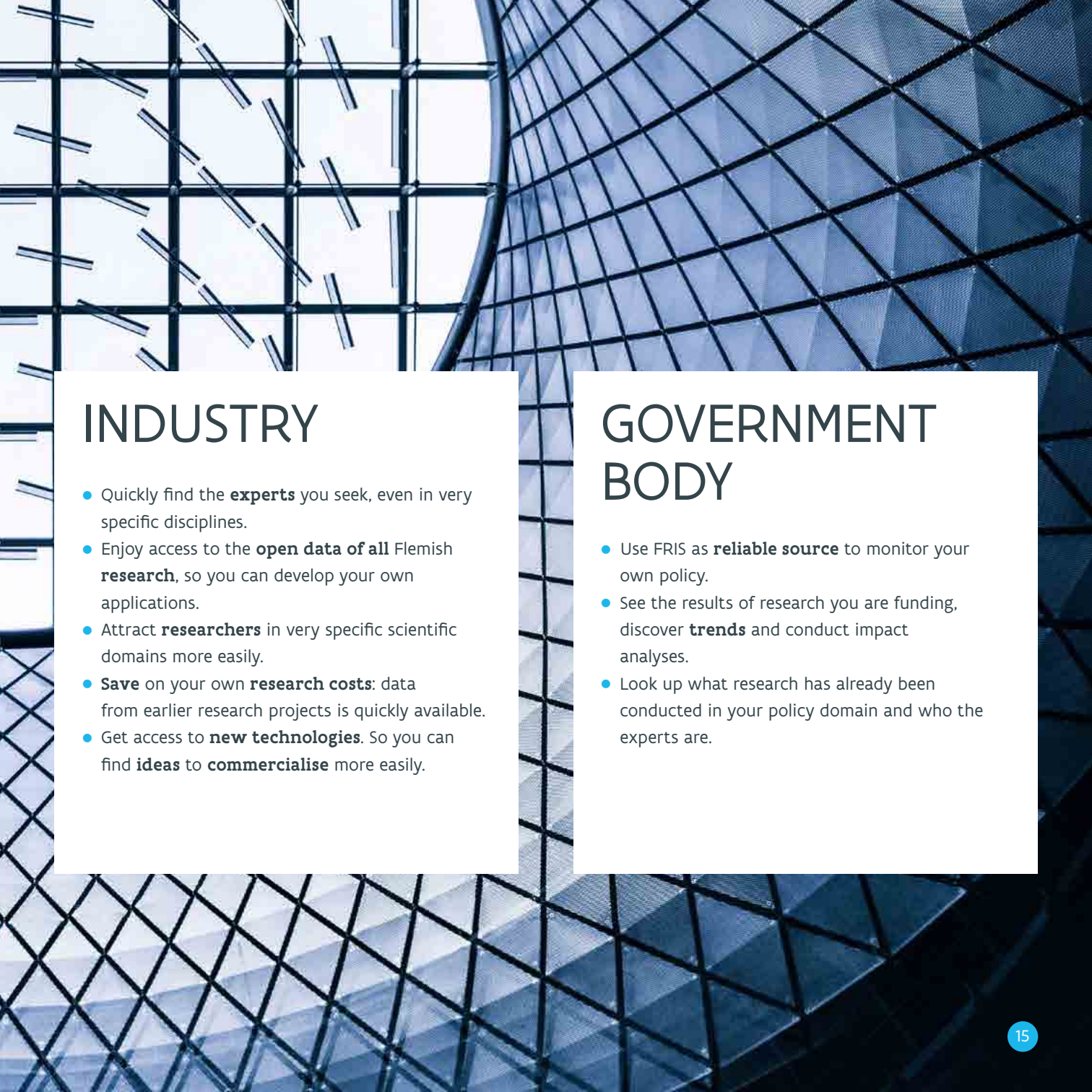
SOME GREAT REASONS FOR USING FRIS.

RESEARCH INSTITUTE

- Details on your research and its results are shared **with all FRIS research partners and users**.
- **Become known** in your field as we **share your research data** with various companies, allowing them to develop applications that rely on your area of expertise.

RESEARCHER

- **Quickly** and **easily** reach out to other researchers.
- **Find partners in** your **area of expertise** with whom you can collaborate or who can help give your application for funding a better chance at success.
- **Increase** your **project's market value** by gaining national and international name recognition.
- Get **access** to all **publicly funded research** in Flanders and see how innovative your research is.



INDUSTRY

- Quickly find the **experts** you seek, even in very specific disciplines.
- Enjoy access to the **open data of all** Flemish **research**, so you can develop your own applications.
- Attract **researchers** in very specific scientific domains more easily.
- **Save** on your own **research costs**: data from earlier research projects is quickly available.
- Get access to **new technologies**. So you can find **ideas** to **commercialise** more easily.

GOVERNMENT BODY

- Use FRIS as **reliable source** to monitor your own policy.
- See the results of research you are funding, discover **trends** and conduct impact analyses.
- Look up what research has already been conducted in your policy domain and who the experts are.

FRIS CONTINUES TO IMPROVE

FRIS wants to become *the* one stop resource for all public research in Flanders. How are we going to achieve this?

By redesigning some of the existing research information flows.

We are also investigating whether the information shared among individual research institutions, the Flemish government and funding bodies can be shared through FRIS.

Which is why we're investing in:

1

MORE CLIENTS AND INFORMATION PROVIDERS

We are bringing in additional **innovation partners**. Such as strategic research centres, Flemish university colleges and other scientific institutions.

2

EXTRA DATA

We are looking into making information about **patents**, **scientific equipment** and **data sets** accessible.

3

USER FRIENDLY VISUALISATIONS

We're working on **new visualisations** so you as a researcher or entrepreneur can get even more out of our data.

4

LINKED OPEN DATA

We believe in **open data** and link the FRIS database to national and international open data sources.

5

FLEXIBLE INFORMATION EXCHANGE

We are expanding FRIS to make the **discovery, access** and **delivery** of data even easier and even more interactive.

6

PROMOTION

We're increasing promotion with research institutions and innovative organisations to better **commercialise expertise** in Flanders.

RENOWNED RESEARCH PARTNERS

KMDA
KONINKLIJKE MAATSCHAPPIJ VOOR DIERKUNDE VAN ANTWERPEN

INSTITUTE OF TROPICAL MEDICINE ANTWERP

ILVO
Flanders Research Institute for Agriculture, Fisheries and Food

DEPARTMENT OF **ENVIRONMENT & SPATIAL DEVELOPMENT**

RESEARCH INSTITUTE **NATURE AND FOREST**

KONINKLIJK MUSEUM VOOR SCHONE KUNSTEN ANTWERPEN
KU LEUVEN
VUB VRIJE UNIVERSITEIT BRUSSEL
Will your research institute be joining our other partners?
University of Antwerp
UHASSELT
VLIZ
Meise Botanic Garden
GHENT UNIVERSITY
Flanders Hydraulics Research
ECOOM Expertisecentrum O&O Monitoring

WORKING WITH FRIS

Excited about using FRIS data to develop an application? Or do you want to share your research with companies, institutes and other researchers? Then call or email us on:

fris@vlaanderen.be • 02 553 59 80

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Research portal.be

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D/2019/3241/015

Published by
Johan Hanssens,
Secretary General

Concept & Graphic Development
The Oval Office

Images
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© Unsplash: p. 6, 14 & 20

Publication Date
February, 2019

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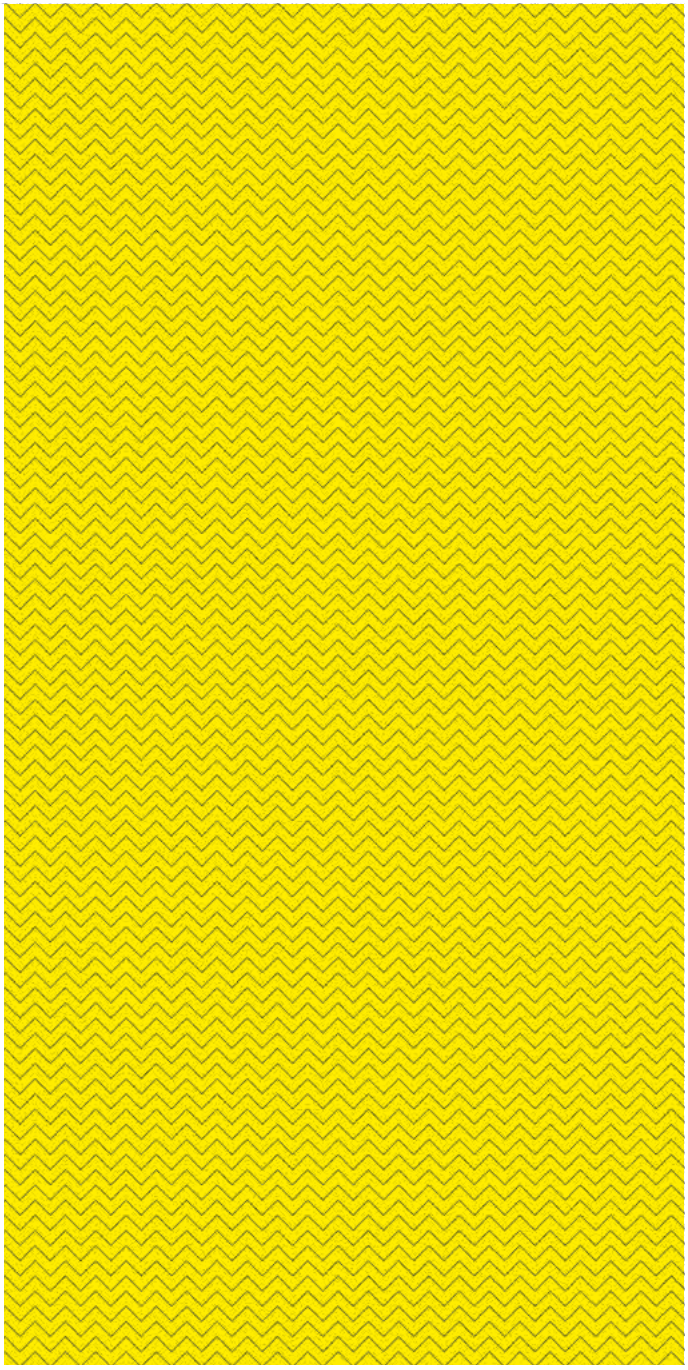
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