The Danish Open Access Indicator

Monitoring the implementation of the Danish Open Access Strategy

Mogens Sandfaer - mosa@dtu.dk

Karen Hytteballe Ibanez – kshi@dtu.dk

NORA – National Open Research Analytics @ Technical University of Denmark

Commissioned by the Ministry of Higher Education and Science

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Today's Agenda

Denmark:

1. The National Strategy for Open Access

2. The Open Access Indicator

3. The ongoing strategy evaluation and the emerging Research Portal Denmark

The national strategy of 2018

Denmark´s National Strategy for Open Access

Ministry of Higher Education and Science Denmark

Denmark's National Strategy for Open Access

Open Access is a question of achieving the maximum effect from research.

There are many benefits for Danish companies, Danish research and Danish society in having free accessibility – Open Access – to research. With everyone having increased accessibility to online scientific articles, we will see more effective knowledge-sharing between researchers, research institutions, and companies.

https://ufm.dk/en/research-and-innovation/cooperation-between-research-and-innovation/open-access/Publications/denmarks-national-strategy-for-open-access/national-strategy-for-open-access-english.pdf

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The national strategy of 2018

The first strategy was published by the Ministry in 2014,
in June 2018, a revised strategy was published with:

- Revised target
  - **100% OA in 2025**
    With a maximum delay of 12 months
- Clearer definition and division of responsibilities
  - **Libraries, institutions and national consortia**:
    Negotiate licenses and other agreements to support the strategy
    → Max. 12 months embargo
  - **Researchers and their institutions**:
    Fully exploit these established rights and potentials
  - **Research institutions, funders and ministry/authorities**:
    Monitor and stimulate the implementation of the strategy

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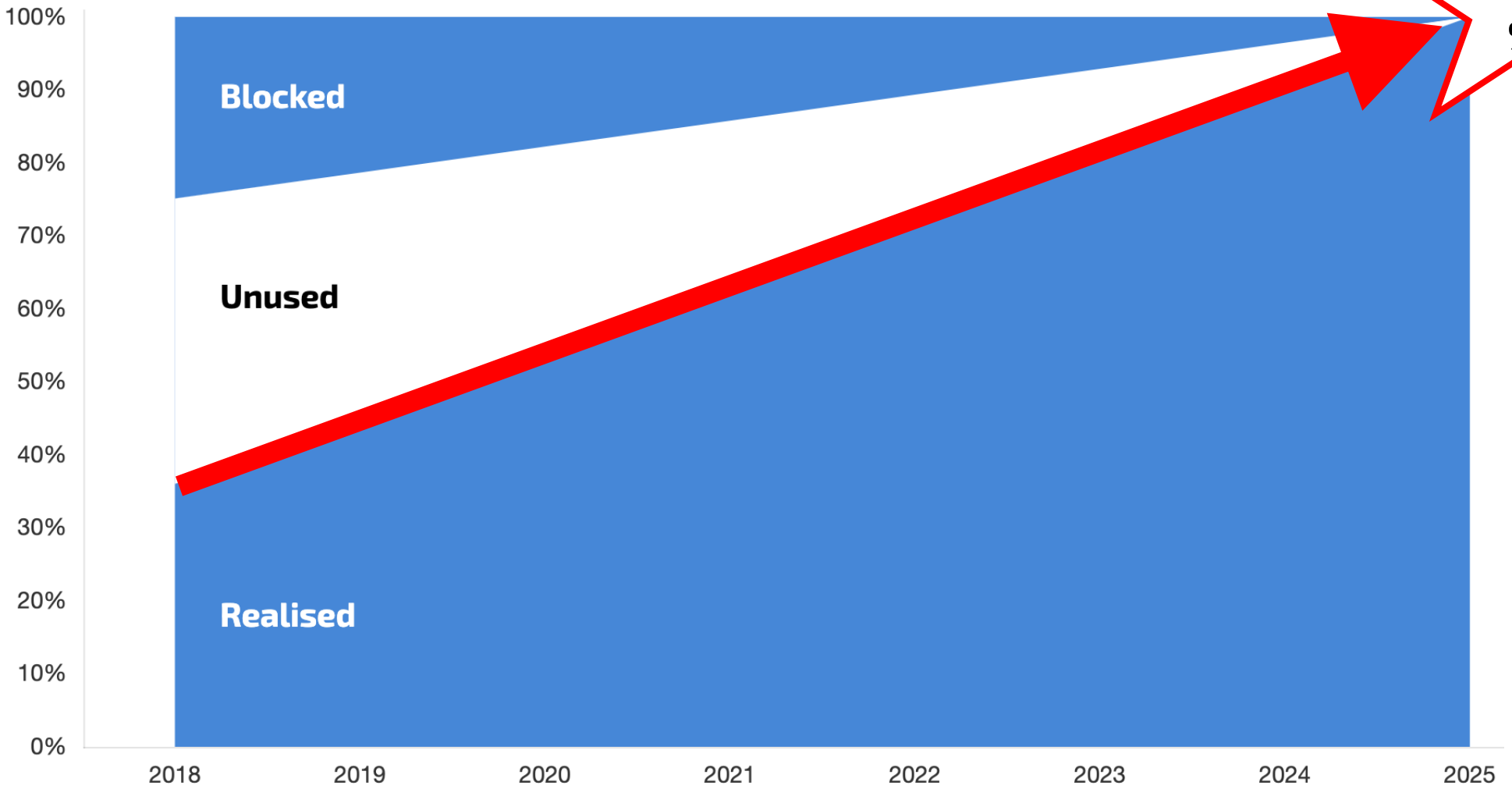
The national strategy of 2018



Blocked: Publications that are blocked from becoming Open Access due to publisher policies
Unused: Publications with unused Open Access rights
Realised: Publications with realised Open Access

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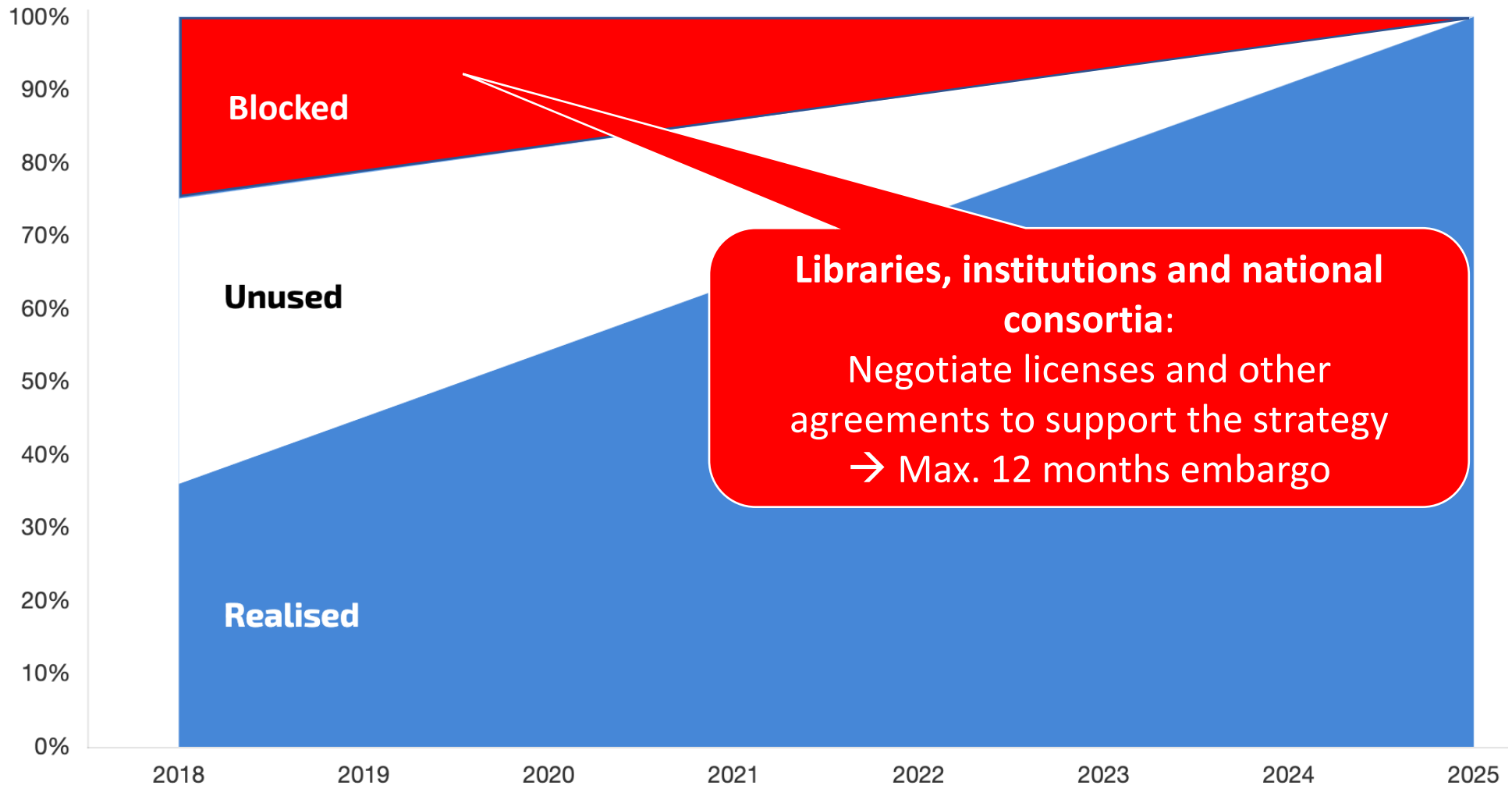
The national strategy of 2018



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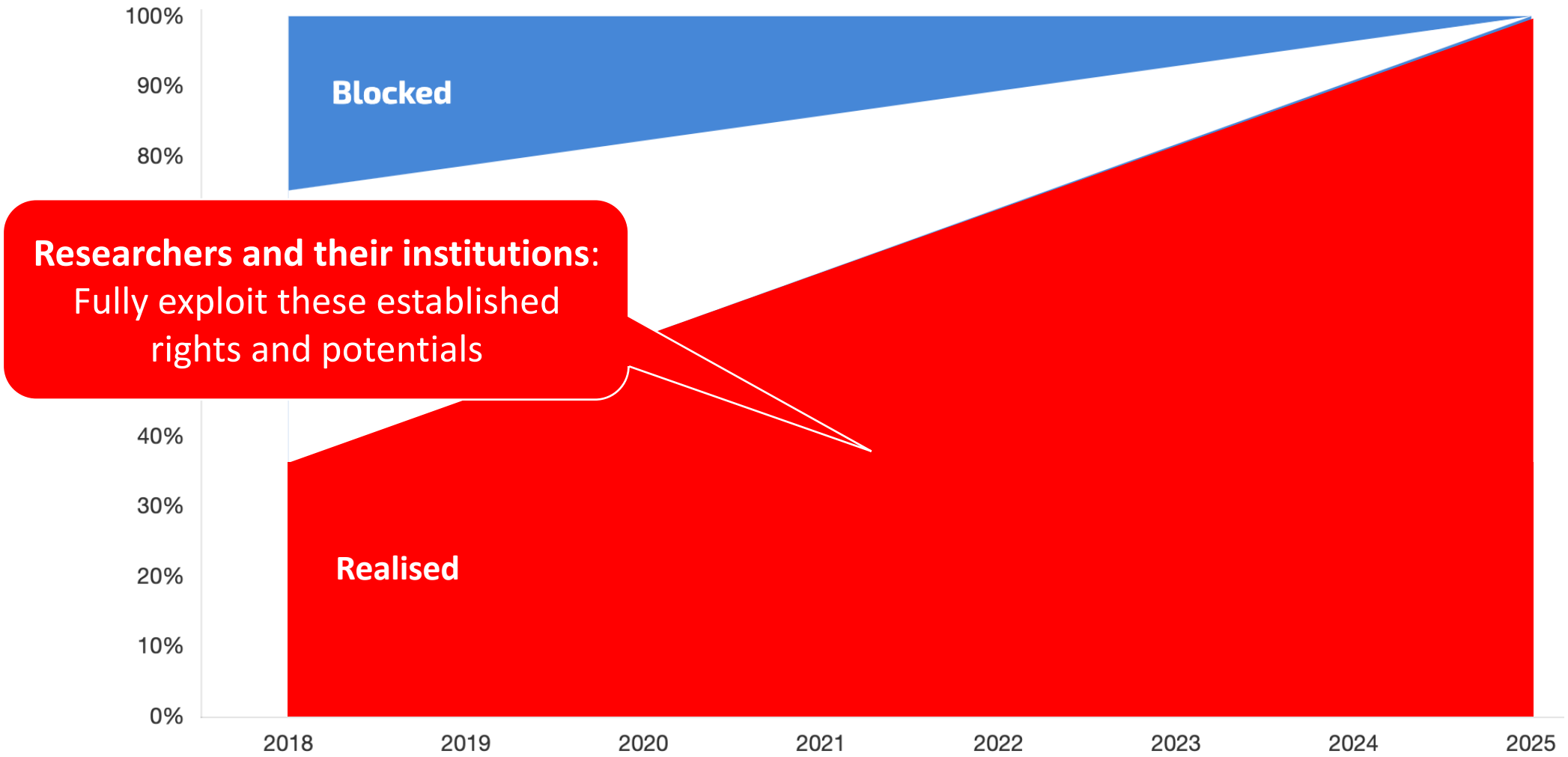

Researchers and their institutions: Fully exploit these established rights and potentials

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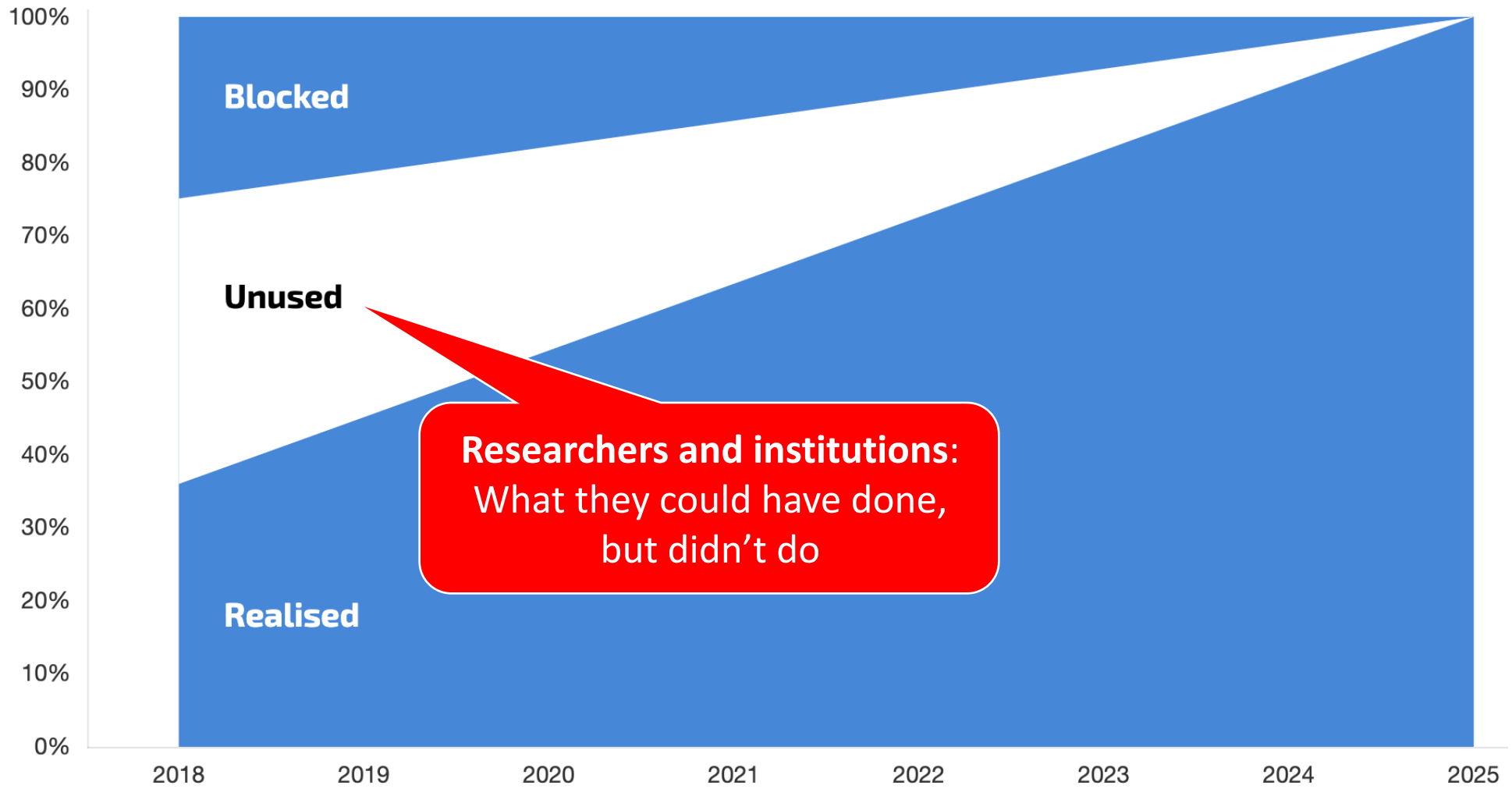

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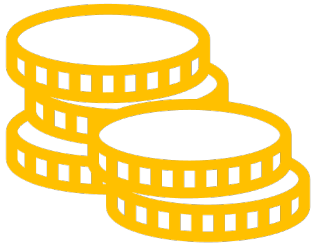
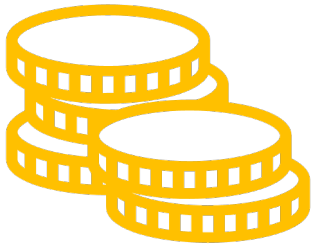
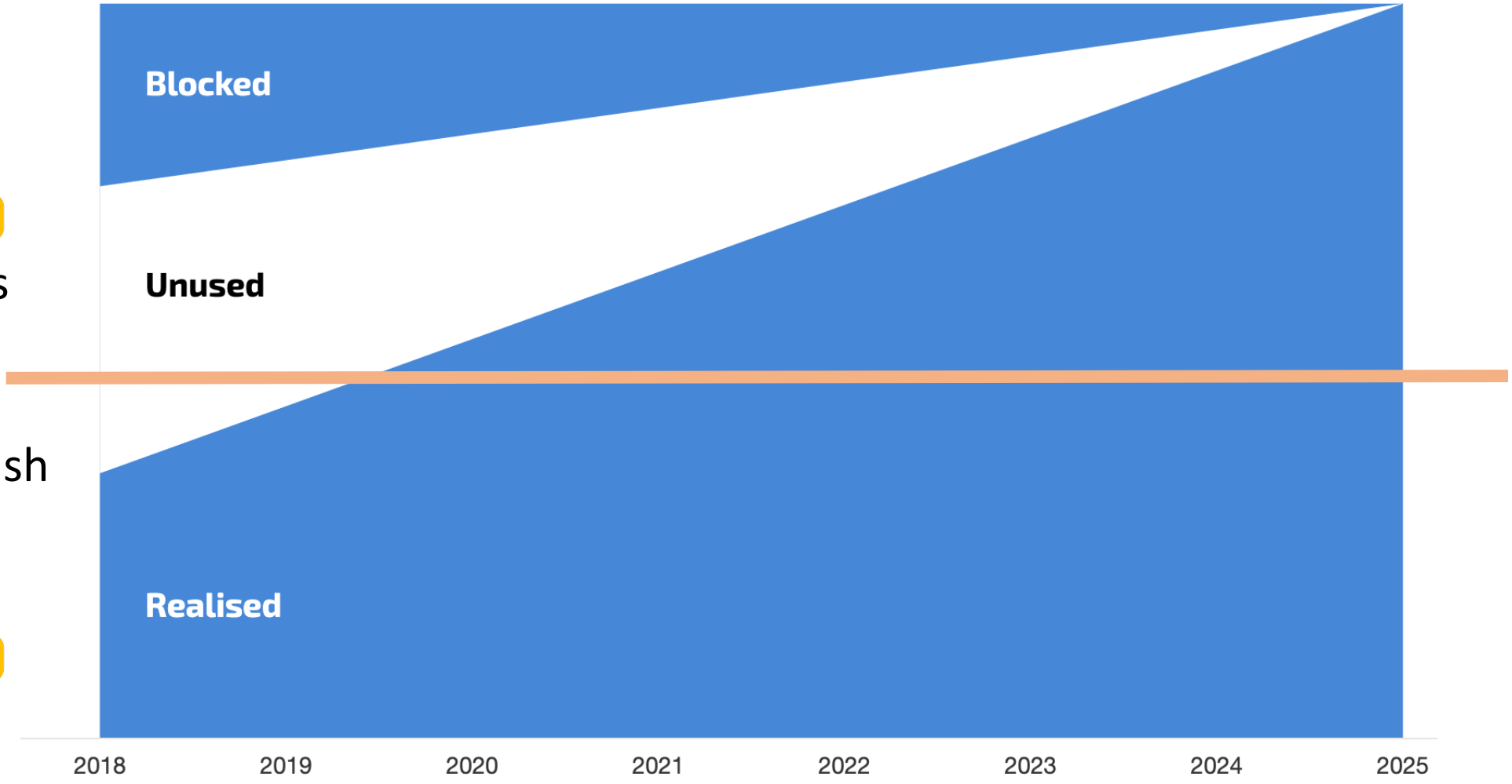


Overall costs should not increase:
Read + publish





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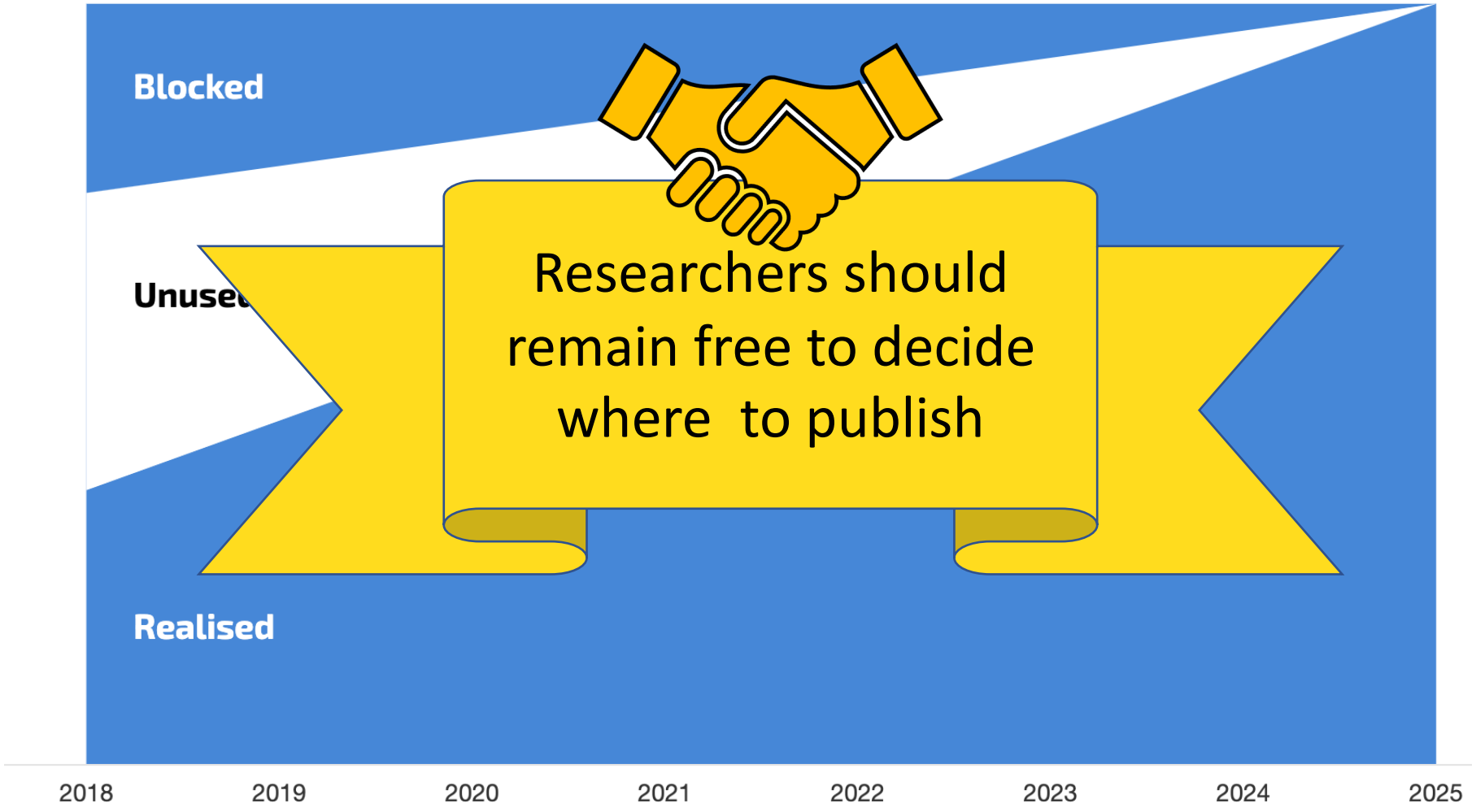

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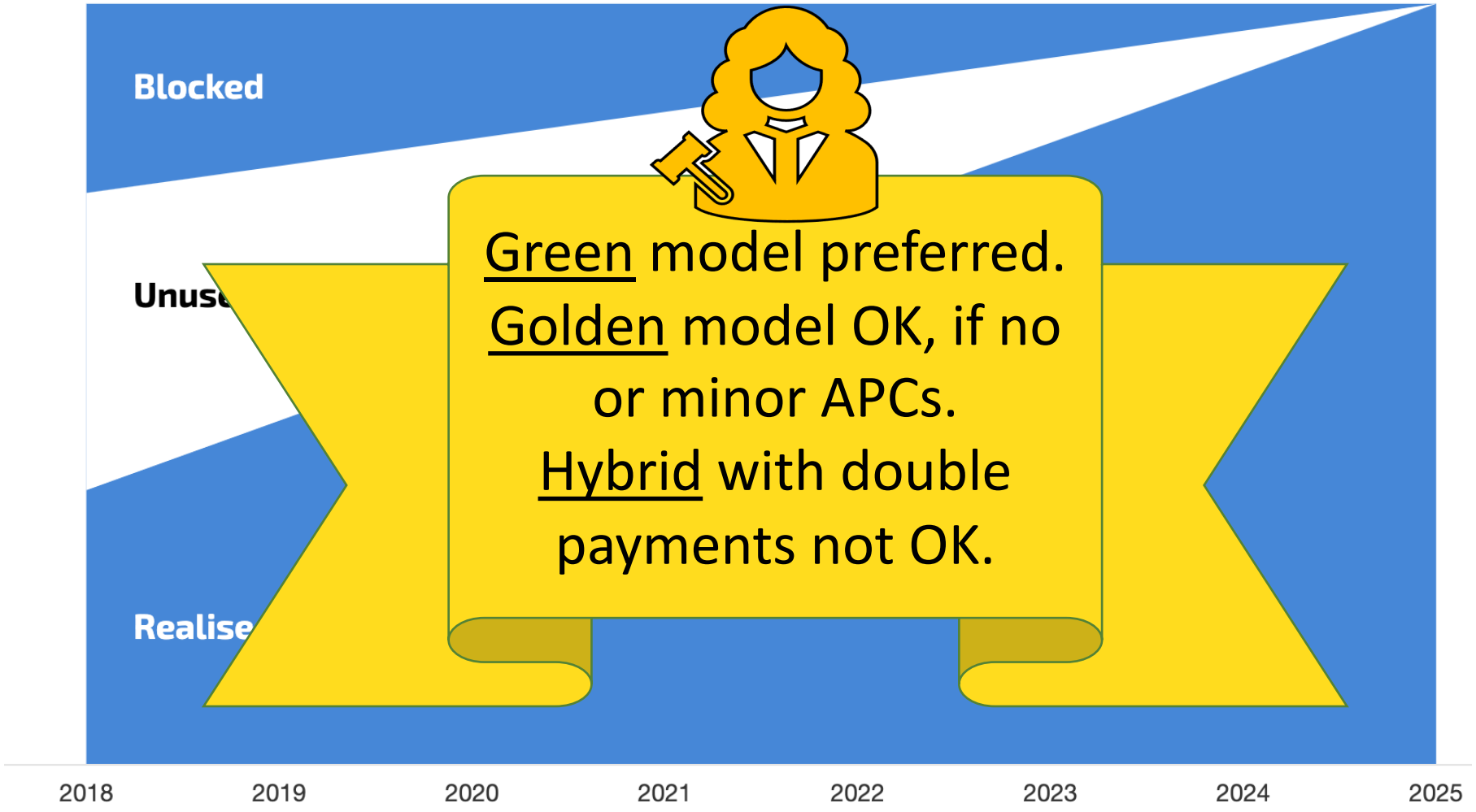

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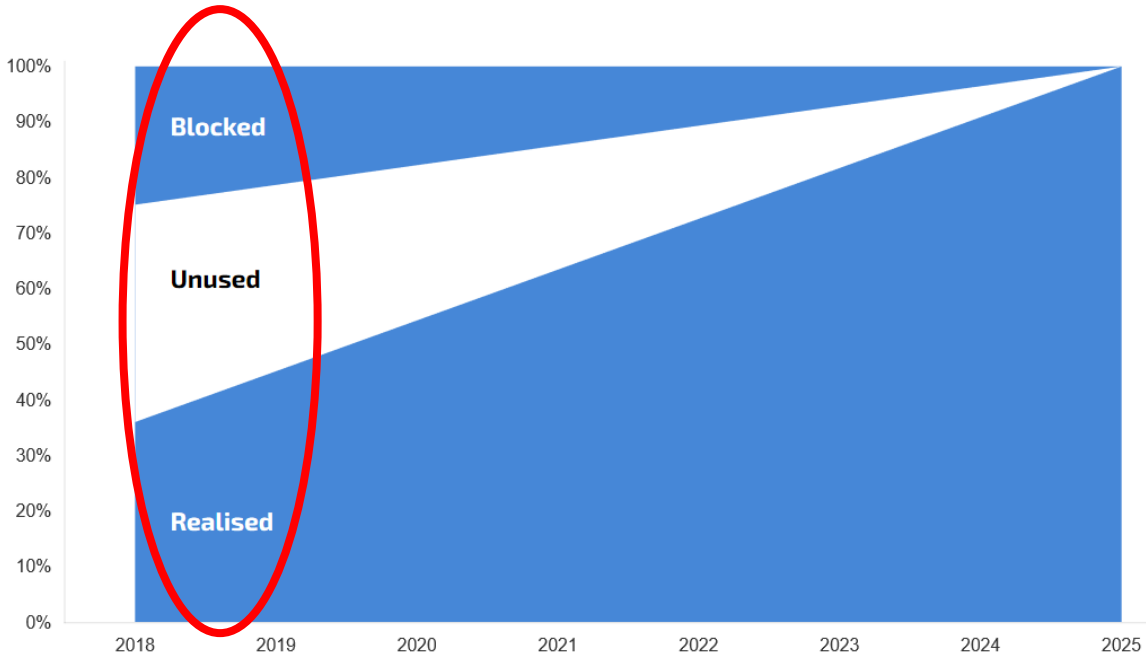
Overview of monitoring process



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- Collecting publication data from university systems (CRIS/repository) in the standard DK exchange format
  - Dealing with many duplicate records that need to be deduplicated and harmonized
- Collecting auxiliary data from DOAJ, Unpaywall, and Sherpa/Romeo
- Downloading and validating linked OA fulltexts

➔ Annual monitoring of with 3 classifications

Realised OA

Unused OA rights

Blocked OA

Documentation available at:
https://www.oaindikator.dk/en/data

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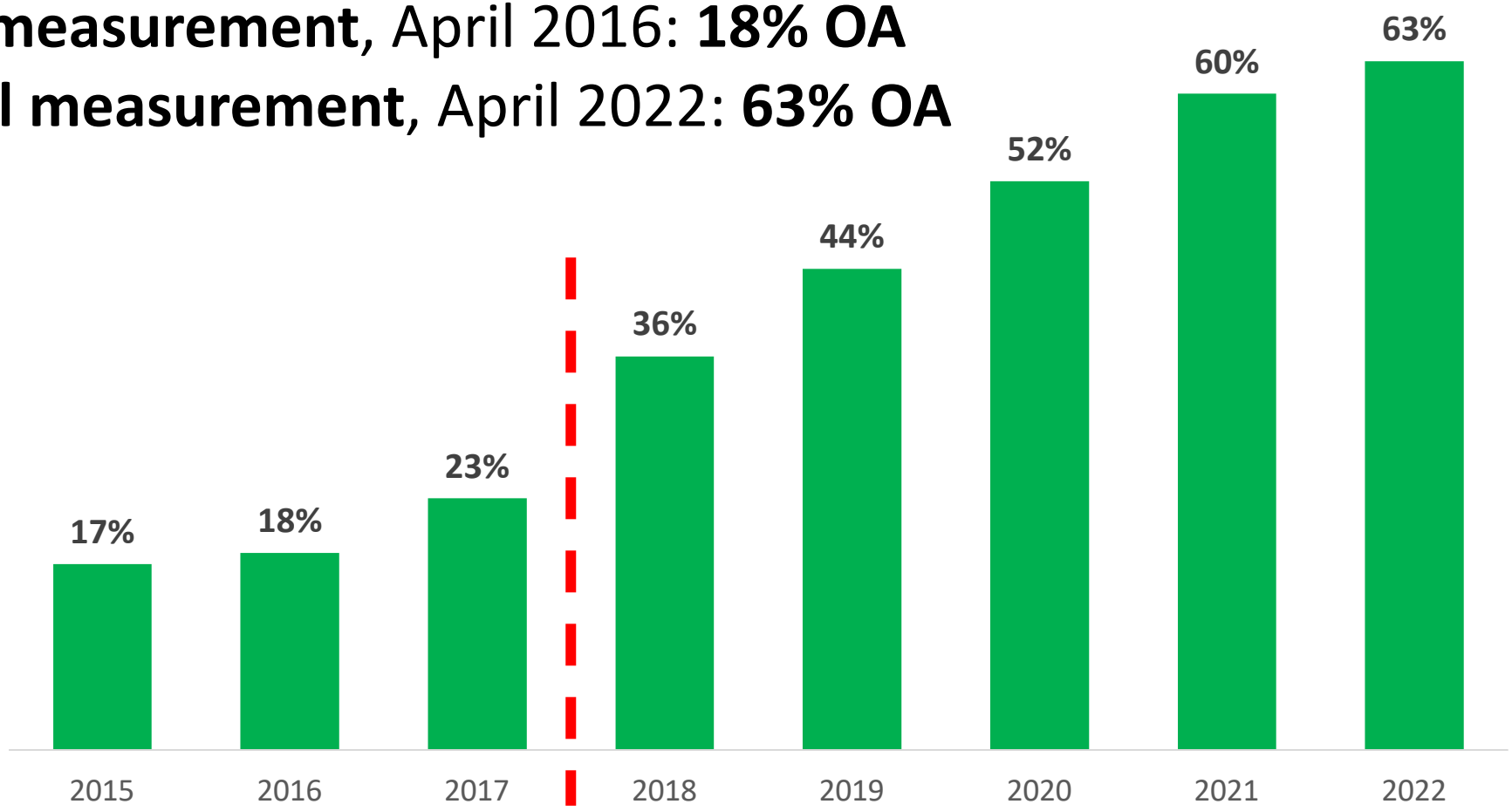
OA Indicator results 2015-2022

The Open Access Indicator went **into operation in 2016**

First officiel measurement, April 2016: **18% OA**
Latest officiel measurement, April 2022: **63% OA**



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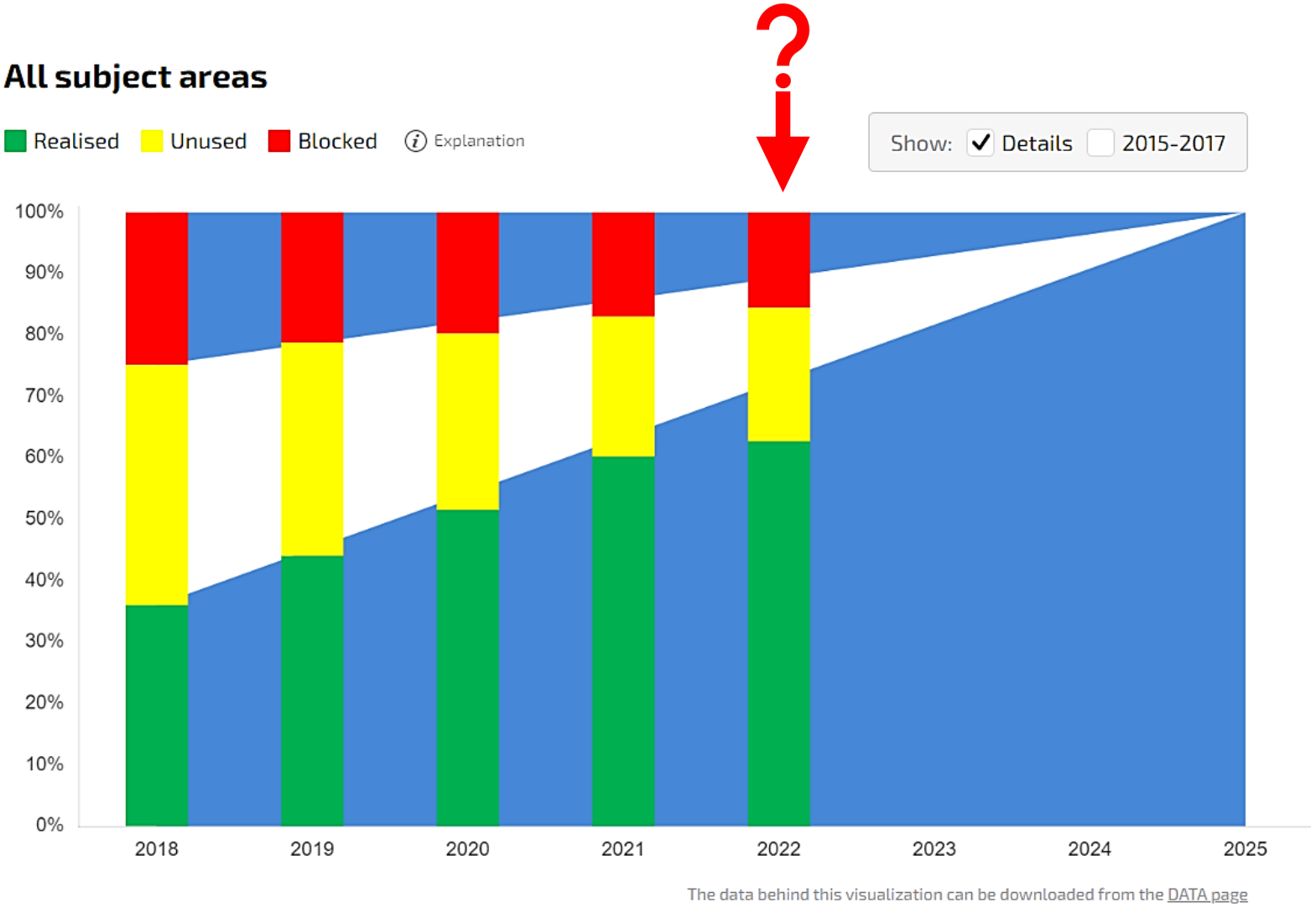
Details of national results



- National level results 2018 ff.
- If you click

❑ **Details**
You see Unused and Blocked in addition to Realised

❑ **2015-2017**
You see the performance prior to the strategy revision of 2018

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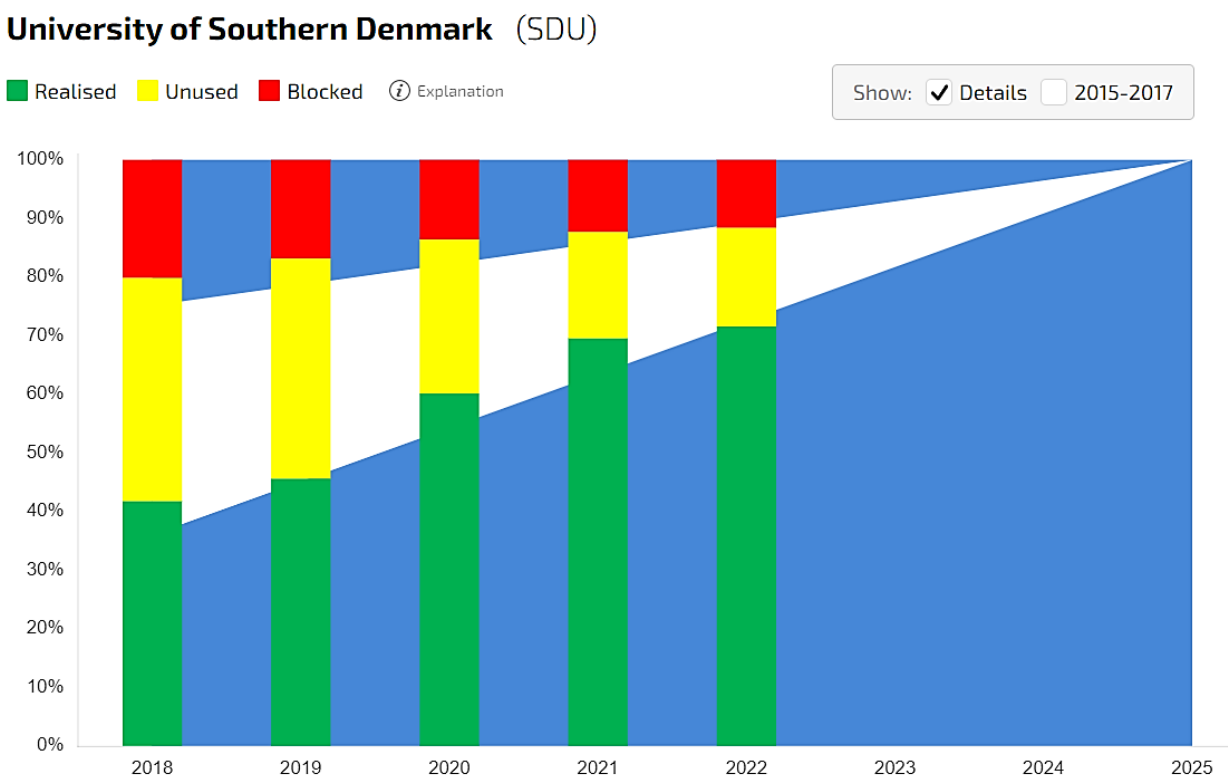
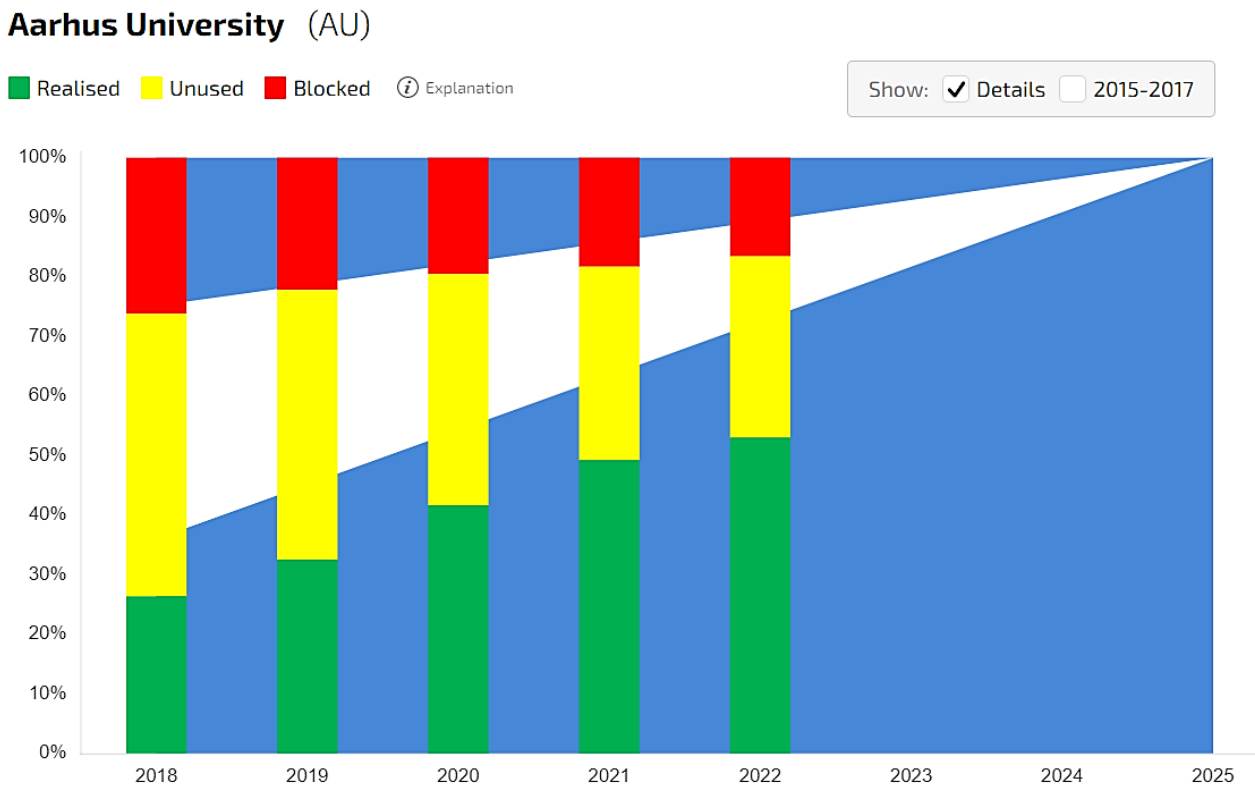
Overview of University level results





Differences due to:

- Level of university backing/attention
- Resources and priorities in libraries
- Efficiency of OA workflows/processes
- Disciplinary differences

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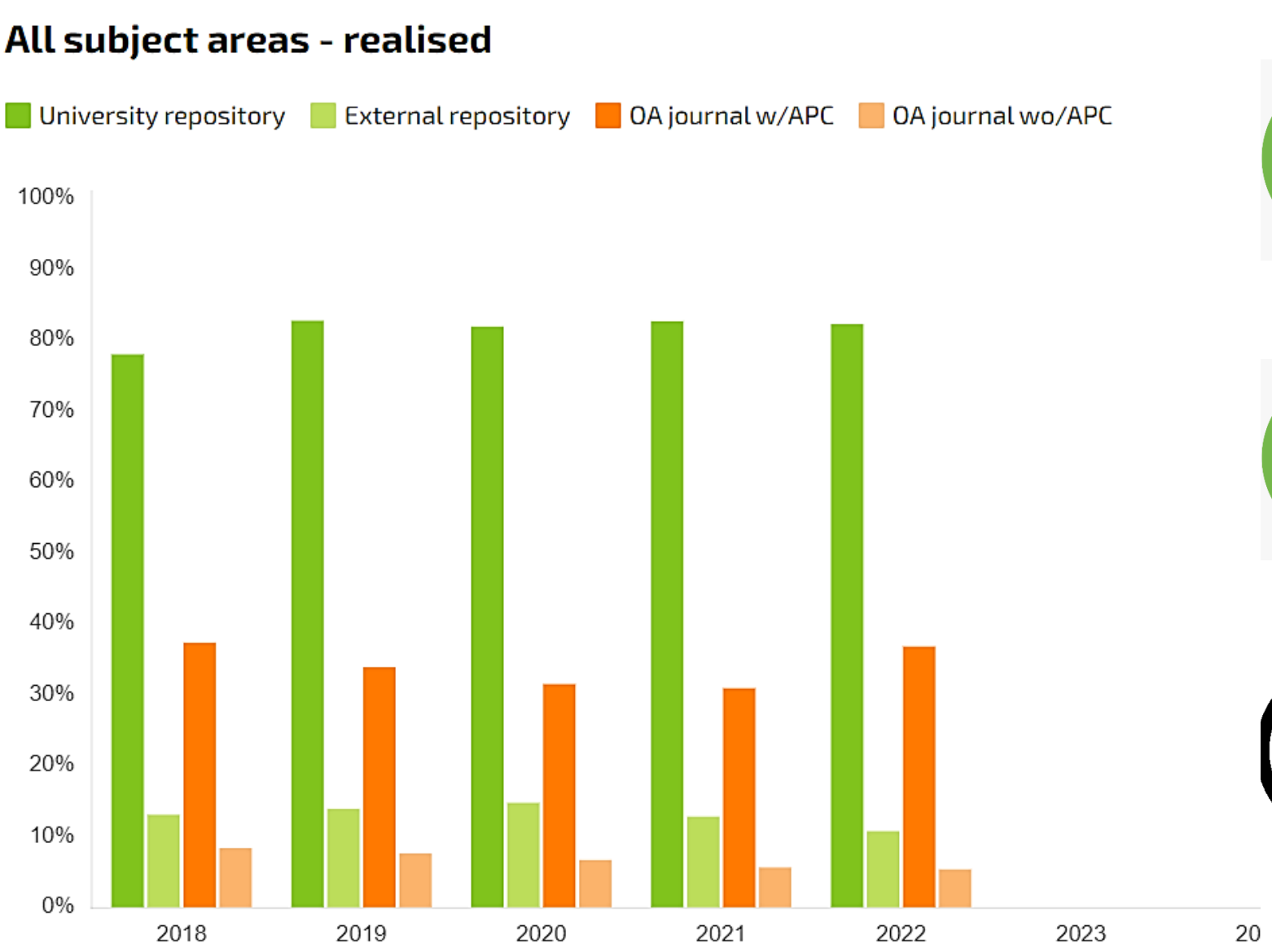
Open Access types



Green Open Access

✓ University repo.

✓ External repo.

Gold Open Access

✓ With APC

✓ Without APC

Hybrid Open Access

Unless uploaded to a repository → Counted as green

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Supporting the Universities

HOME OVERVIEW OA-TYPES DATA **GUIDES** FAQ

Current guides for Danish universities

The Danish Open Access Indicator aims at providing transparency in regards to processes, data foundation, criterias etc. This page compiles information, important dates and user guides considered relevant for the Open Access implementors at the Danish universities.

- The annual production cycle
- Using external repositories
- Journals with long embargo periods

The annual production cycle

The annual launch of the Open Access percentage in Denmark is the result of a year long process including testruns, hearing periods with the involvement of t universities, adjustments etc. A visual overview of the annual production cycle i available online.

Using external repositories

The Open Access Indicator measures Open Access from both local and other recognized Open Access repositories. An authority list of recognized external repositories is updated yearly, based on input from the Danish universities. Dur a hearing period, the universities may suggest new repositories to be added to list.

The current authority list, the criteria for inclusion, and a guide to correct linkin explained in this guide.

Journals with long embargoes

In order to establish which journals have embargoes above the 12 months allov in the National Open Access strategy, an authority list is gathered on a yearly b Embargolists from the largest publishers are collected and during a hearing period, the universities are asked to add to the list additional journals with embargoes exceeding the allowed 12 months. Articles published in any of these journals are classified as *blocked Open Access* in the Open Access Indicator.

The current list of journals with long embargos used for the Open Access Indicator 2020 calculation is available for download

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Updated May 28th 2020

Guide – The Open Access Indicator's authority list of recognized external repositories

Introduction

The authority list, which serves as support for the universities reporting to the OA Indicator and the indicator's validation of links, is attached as Appendix 1. The list is the result of several annual hearings, where the universities are invited to suggest new repositories to be added to the list. The suggested repositories are evaluated in accordance with six criteria described further below.

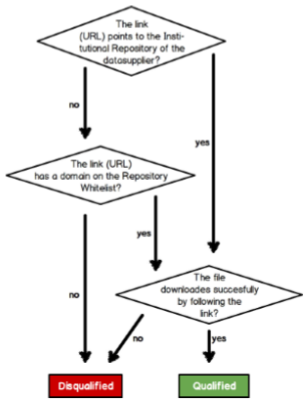
Open Access types and measures

The OA Indicator measures three types of Open Access:

(1) Full texts, publicly available from local repositories (Green OA)
(2) Full texts, publicly available from other recognized external repositories (Green OA)
(3) Full texts, published in and available from dedicated Open Access journals (Golden OA)

For type (2), a link that leads directly to the full text is required.

In Appendix 1 examples on how to link correctly to the full texts in the recognized external repositories are presented.



PDF 544 KB

Kære forskningsregistreringsansvarlige,

Det er nu tid til at opdatere autoritetslisten over tidsskrifter med lange embargoperioder for 2018 kategorien; *uudnyttet (gul) til blokeret (rød)* hvis tidsskrifterne har embargoperioder på mere end

Til orientering blev der i OA Indikatoren for 2017 data / 2019 kørsel noteret

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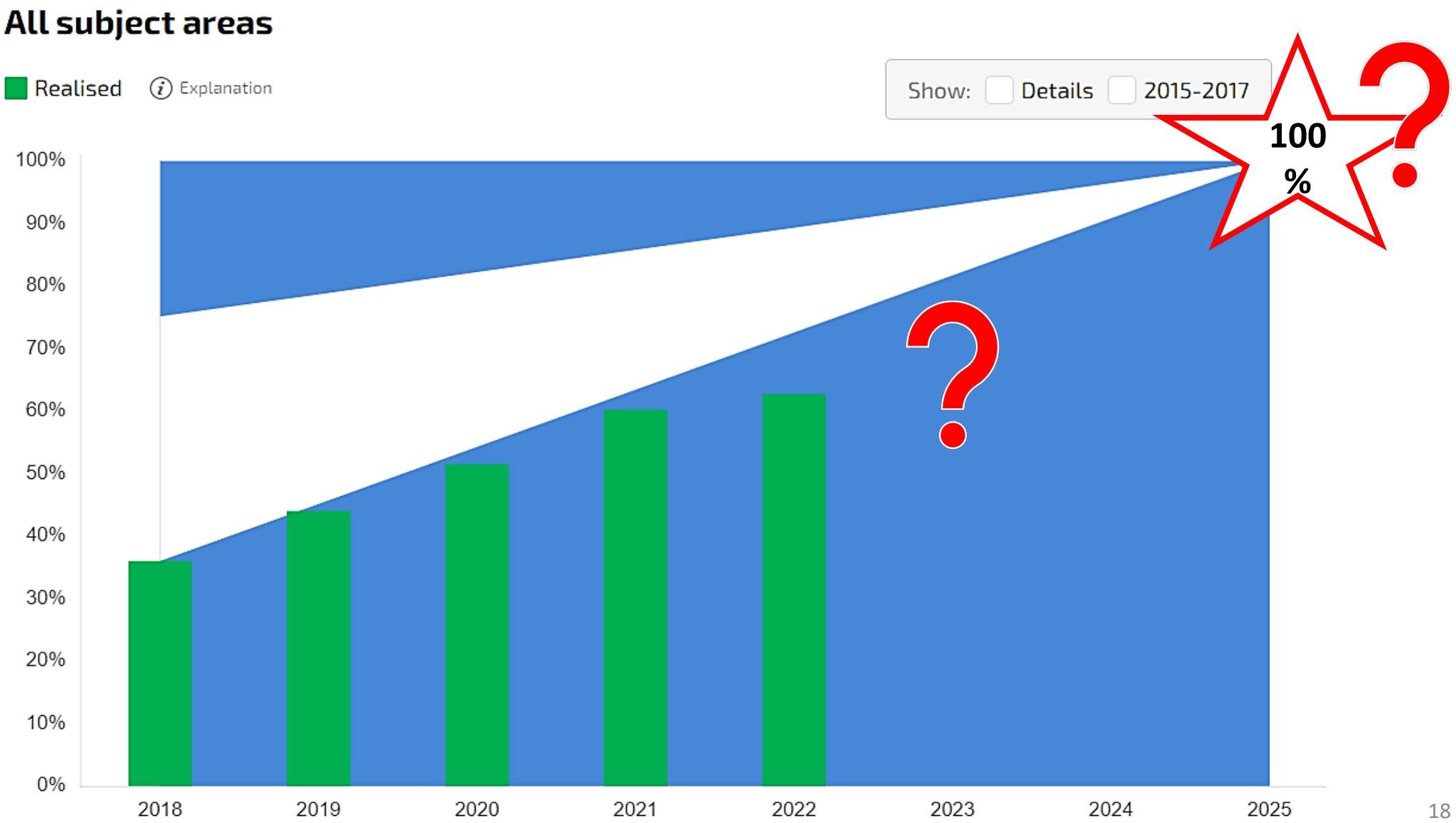
The 2023 results ? & the 100% by 2025 ?



Open Access strategy evaluation 2023

Mission of the strategy evaluation – just started

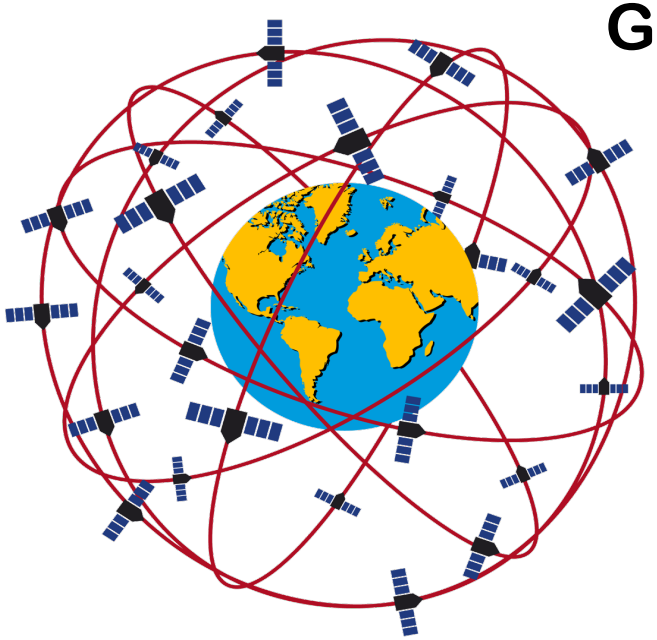
- Identify needs to adjust approaches and tools to achieve 100 % Open Access in 2025

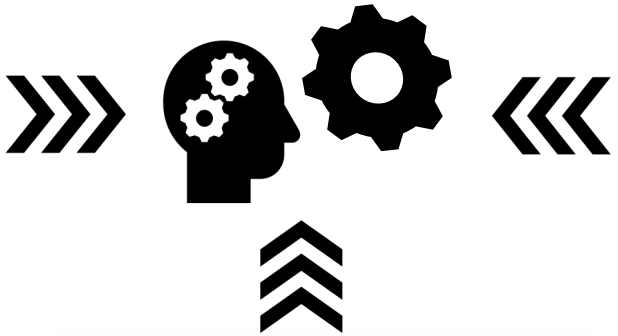
Elements of the evaluation

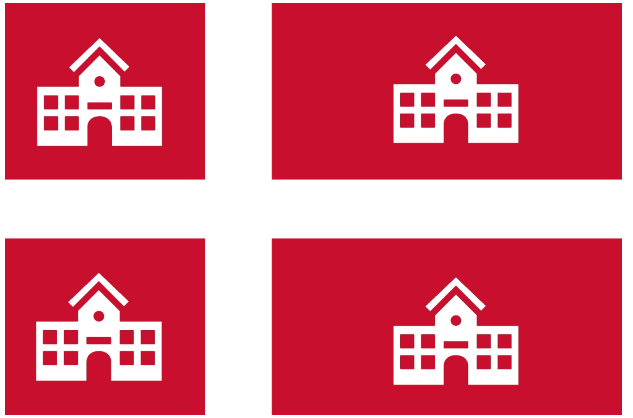
- Review international developmets and experiences
- Review the Danish developments and the impact of the ‘new’ Plan S and ´transformative’ publisher agreements
- Review the overall publication costs 2018-2022
  - Licenses and subscriptions
  - Ad-hoc acquisition of publications (document delivery etc.)
  - Gold APCs & Hybrid APCs
- Collect feedback via questionnaires
  - From Danish researchers
  - From university leadership and libraries

Connected data

Global, national and local data
Aligned and linked

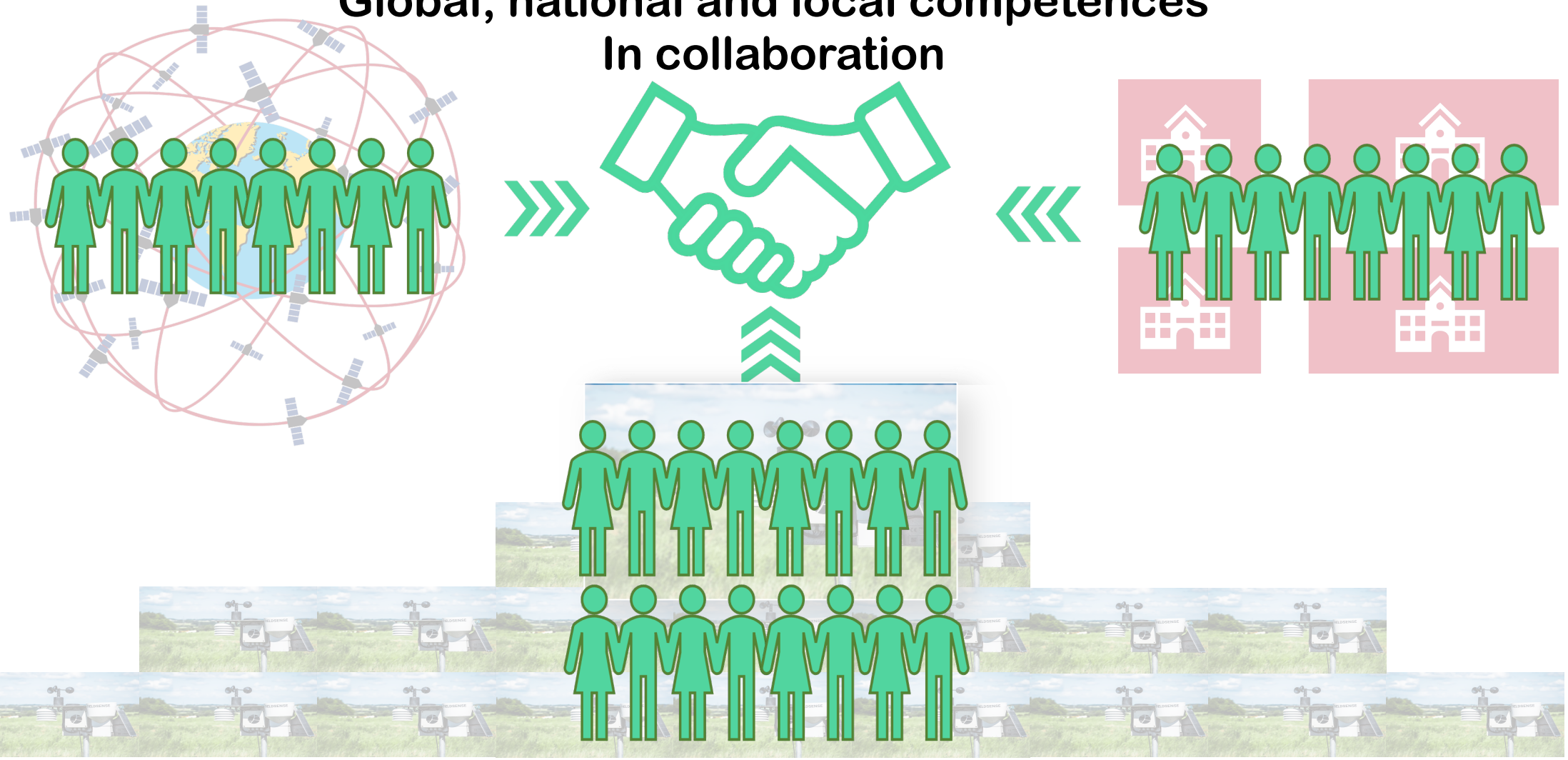






Connected competences

Global, national and local competences
In collaboration



National Open Research Analytics

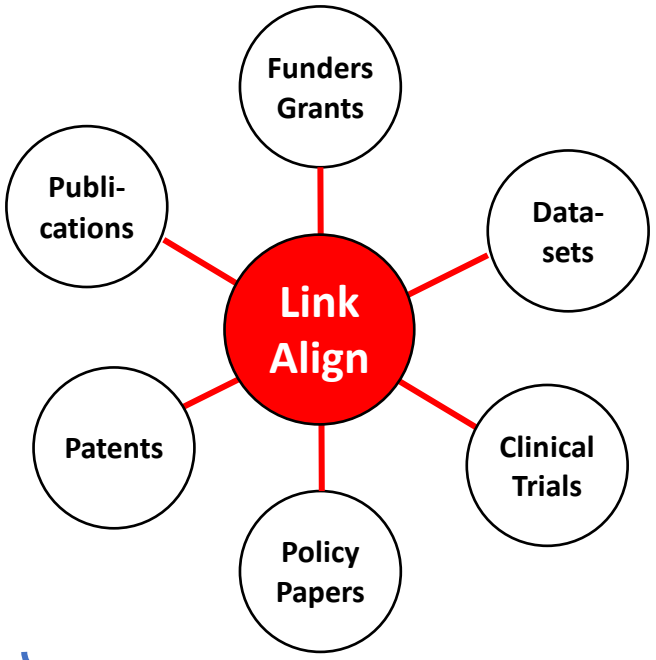
Danmarks Forskningsportal

– Opdag og udforsk dansk forskning

Vision

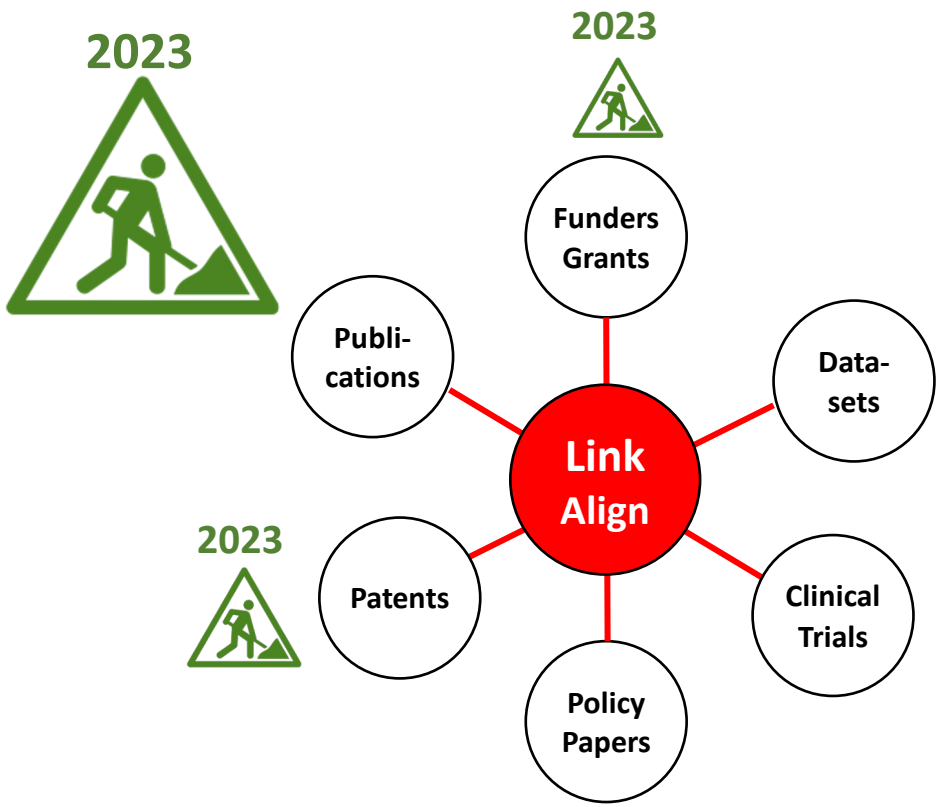
Infrastructure

Information services



Research: Input → Output → Impact

Evolving infrastructure



As the work advances, other data **may** come in focus:

Researchers/researcher profiles ?

Outreach: Mention in and contribution to media ?

- edited as well as social media ?

New sources for understanding societal impact ?

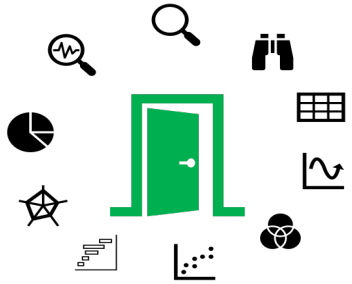
(currently a project in Universities Denmark)

New sources for Open Science contributions ?

Danish language publications and communication ?

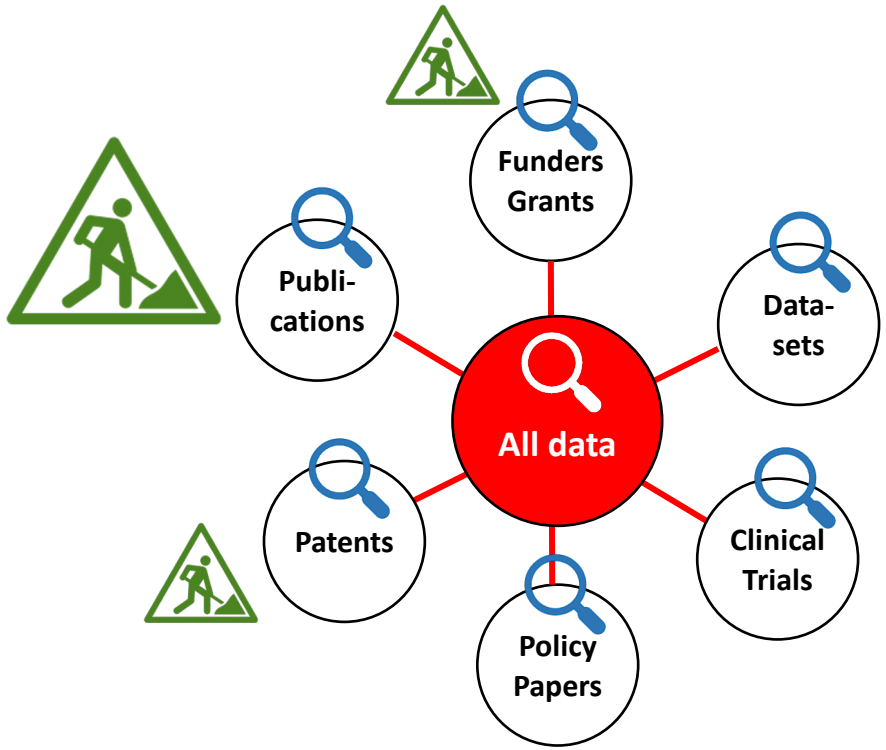
Humanomics ?

… … …?

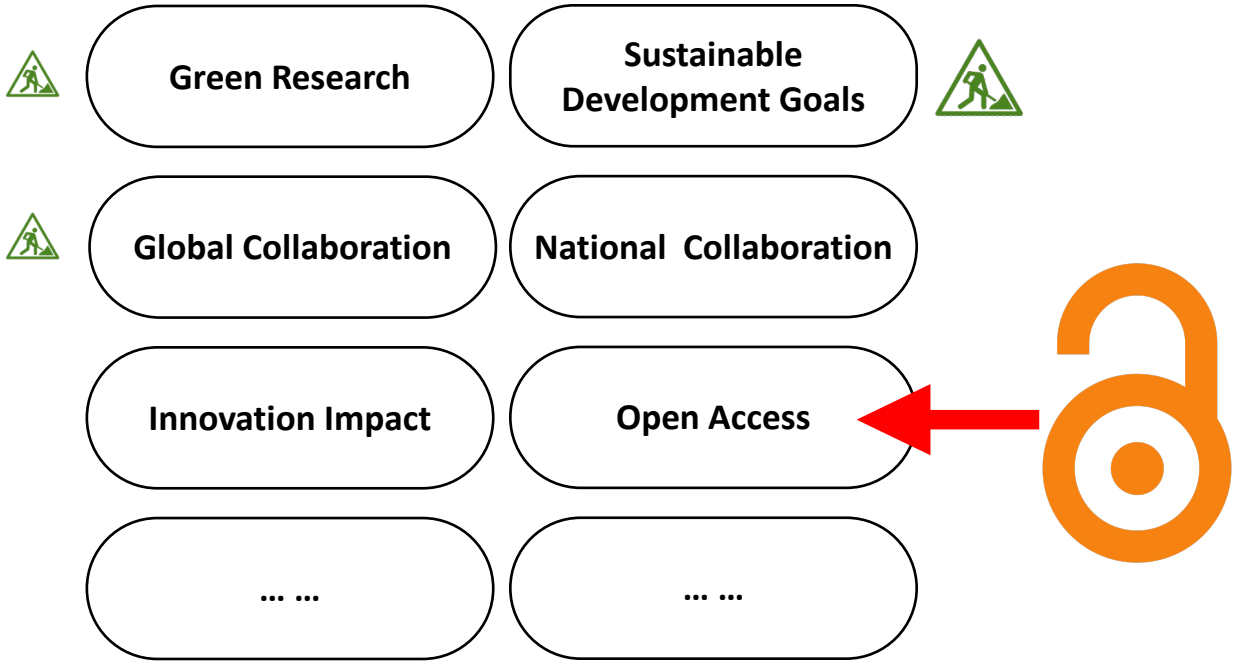


User oriented information services also under development

Overviews: Search & Discover



Insights: Dashboards & Reports



Thank you for your attention!

More information:

https://www.oaindikator.dk/en/
https://forskningsportal.dk/