

Experiences and Benefits of the Membership in cOAlition S for Small Countries: Case of Slovenia

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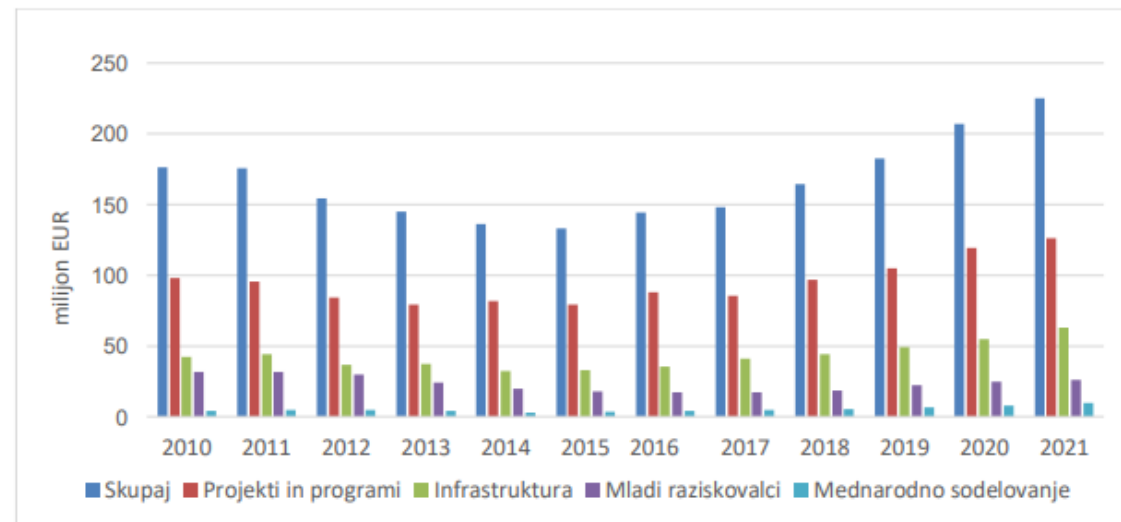
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Preview

- Key reasons for the Slovenian Research Agency to join cOAlition S
- Open science policy in Slovenia
- New legislation in this area
- Consortia of foreign scientific literature within the framework of the principles of cOAlition S
- A look into the future

Science and Research in Slovenia in Figures

- Budget of the Slovenian Research Agency (SRA) approx. 225 mio EUR (in 2021).
- R&D expenditure in the government sector, as share of GDP approx. 0.30 % (in 2020, Statistical Office RS).
- Approx. 8,500 scientific publications (Scopus, in 2021).
- 37.478 registered active researchers (SICRIS, in 2021).



LATEST DATA

55.2 %

Share of enterprises with innovation activity in manufacturing and selected service activities

Show more

2.15 %

Gross domestic expenditure on R&D (GERD)

Show more

1.57 %

R&D expenditure in the business sector, as share of GDP

Show more

0.30 %

R&D expenditure in the government sector, as share of GDP

Show more

0.26 %

R&D expenditure in the higher education sector, as share of GDP

Show more

0.020 %

R&D expenditure in the private non-profit sector, as share of GDP

Show more

Slovenia and cOAlition S

- SRA has been a member of the cOAlition S since the very beginning.
- Key reasons to join were:
 - Alignment of cOAlition S's principles with ERA policies of which Slovenia is a part;
 - Involvement and contact with good practices in this field;
 - Implementation of cOAlition S's applications into systems of funding and assessment of scientific work;
 - Better starting point for negotiations with publishers;
 - Incentive for the development of national open science policies.



Better Starting Position for Negotiations

- Publishers have fragmented the market and prefer to negotiate with the smallest possible and isolated entities.
- Smaller environments with relatively lower scientific output usually pay relatively more.
- Non-disclosure clauses reduce the transparency of the terms and prices achieved.
- Large differences on the terms of agreements reached among consortia.
- Necessary exchange of professional information (for example in the field of copyright, in the field of analytics, negotiations skills...).



Implementation Roadmap of cOAlition S Organisations

cOAlition S organisation (funder)	Launch date for implementing Plan S-aligned OA policy	Application of Plan S principles	Rights Retention Strategy Implementation	Support the payment of fair and reasonable APCs in Transformative Journals
Academy of Finland (AKA)	1 st January 2021	All new funding calls opened after 1/1/2021	Adoption to follow	Yes
Aligning Science Across Parkinson's (ASAP)	1 st January 2022	All research articles submitted for publication from 1/1/2022	Early adopter	Yes
Austrian Science Fund (FWF)	1 st January 2021	All new grants awarded after 1/1/2021	Early adopter	Yes
Bill & Melinda Gates Foundation	1 st January 2021	All research articles submitted for publication from 1/1/2021	Early adopter	Yes
European Commission (Horizon Europe Framework Programme)	1 st January 2021	All new funding calls opened after 1/1/2021	Early adopter (Note: the EC intends to implement the Rights Retention Strategy through the adoption of the Model Grant Agreement in Autumn 2020)	No
Formas (Sweden)	1 st January 2021	All new funding calls opened after 1/1/2021	Early adopter	Yes
FORTE (Sweden)	1 st January 2021	All new grants awarded after 1/1/2021	Early adopter	No
French National Research Agency (ANR)	1 st January 2021	All new funding calls opened after the publication of the ANR action plan in 2021	Early adopter	Yes
Slovenian Research Agency (ARRS)	1 st January 2021	All new funding calls opened after 1/1/2021	Adoption to follow	Yes
United Kingdom Research & Innovation (UKRI)	Awaiting outcome from OA review			Pending
Vinnova (Sweden)	1 st January 2021	All new funding calls opened after 1/1/2021	Adoption to follow	N/A

Act on Scientific Research and Innovation Activities (ZZrID), (aligned with the basic principles of the cOAlition S)

ZZrID is aligned with the basic principles of the cOAlition S.

Article 41

(open access to scientific publications and research data)

(1) In the context of research co-financed with public resources to the extent of at least 50%, the financier must request, and the performer of the scientific research activity must ensure open access to all peer-reviewed scientific publications and research data and other research results. The performer of scientific research activities or researchers must also take into account this obligation in the individual management of intellectual property rights, by reserving the appropriate scope of rights necessary to fulfill the obligations from this paragraph.

The implementing act (regulation).

Resolution on the Slovenian Scientific Research and Innovation Strategy 2030
RRIS with its Action plan.

Implementing Act (will be fully aligned with the principles of the cOAlition S)

The implementing act (regulation) follows the principles of cOAlition S in relation to eligible costs of open publication and the possibility of publication in general (currently in the adoption phase).

Eligible costs for publications funding from grants:

- in fully open journals,
- on publishing platforms.

Promoting publications in journals with a diamond OA model.

Encouraging the use of green OA under the Rights Retention Strategy (RSS)

Financing of transformative agreements according to cOAlition S principles (transparency and sustainability of APC prices).

Promoting responsible metrics for the assessment of scientific work.

Possible Publication Ways in Plan S

GOLD WAY - 1

Publishing in fully OA journals or publishing on open publishing platforms.

Members of cOAlition S will fund the costs of such publications.

GOLD WAY - 2

OA publication in subscription based hybrid journals when these are part of transformative arrangements ([Transformative Arrangements - TA](#)).

Members of cOAlition S provide support by co-financing transformative agreements or by paying for publications in transformative journals.

GREEN WAY RRS

Publishing in subscription based journal and archiving AAM - Author Accepted Manuscript under CC BY 4.0 with no embargo (RRS, Rights Retention Strategy).

Members of cOAlition S enable RRS in their funding instruments (grants).

Possible Publication Ways in Plan S in Details

Nine routes towards Plan S compliance (based on the 20190531 guidance document)

routes to Plan S compliance	A. existing/new APC gold journal / platform	B. existing/new non-APC gold journal / platform (diamond)	C. flipping journals to APC gold (by publishers or editors)	D. flipping journals to non-APC gold (diamond), by publishers or eds.	E. hybrid journal in transformative (model) agreement / transformative jrn.	F. CC-BY(-SA) ¹ OA in hybrid journal & self archiving the published paper	G. archiving publisher version, on publication, CC-BY(-SA) ¹	H. archiving AAM, on publication, CC-BY (-SA) ¹	I. sharing preprints and using overlay PR
1. compliant?	yes	yes	yes	yes	yes	yes	yes	yes	unsure
2. example(s)	PLoS, 1000s more	Open Library of Humanities, 1000s more	Epidemiology & Infection, 100s more	Scoop ³	agreements listed at esac-initiative.org	all hybrid journals allowing CC-BY(-SA) ¹	(MNRAS, APS journals) ¹	Royal Society, (Emerald / Sage journals) ²	Discrete Analysis /
3. current use / availability	sizeable amount	limited	very limited	very limited	(agreements:) yes, in some countries	sizeable amount	limited	limited	very limited
4. effect on publishers	gold publ. win, evt. decreasing subscriptions	more competition / perhaps evt. decreasing subscriptions	change in business model / probl. for high rejection	new partnerships or loose journals to funders/institutions	need to negotiate transformative arrangement (not for transformative jrnl)	journals keep role if CC-BY(-SA) ¹ is allowed	evt. decreasing subscriptions, need to solve sustainability?	keep large part of perceived value	change publishing model or loose out
5 effect on researchers	away from trad. venues and IF-thinking	away from trad. venues and IF-thinking	depends on (funding for) APC	none	limited effect	almost no restriction on journal choice, but need to pay APC	small effort	small effort, accept limitations	adapt to new idea
6. effect on libraries	away from hybrid deals & IF-thinking	away from hybrid deals & IF-thinking, pot. role in funding	limited	potential role in funding	(help) negotiate transformative deals	current type read & publish deals remain relevant	role insofar as hosted in IR / cancel subs evt.	continued role, esp. hosting in inst. repo	chance to play role in curation
7. effect on funders	supporting (own) platforms / lower APC levels	supporting (own) platforms / lower APC levels?	depends on APC levels	lower average APC levels? / pot. role in funding	depends on size of contribution to arrangement <2025	no financial burden / no reduction of role hybrid	no financial gain	no financial gain	adapt to new idea, change assessment
8. effect on societies	big, because of subscription dependance	big, because of subscription dependance	change in business model / probl. for high rejection	change in business model / probl. for high rejection	need to change business model	journals keep role if CC-BY (-SA) ¹ is allowed	evt. decreasing subscriptions?	evt. decreasing subscriptions?	limited role, perhaps in quality assurance?
9. effect on editors of trad. jrnl.	fewer submissions, lower status	fewer submissions, lower status	none (or big role in leading flip)	none (or big role in leading flip)	none (or big role in leading flip)	none	none	none	new role in overlay journals?
10. overall pub cost	depends on market	depends on market / funding sources	depends on market	depends on market / funding sources	remains high at least until deal has effect	remains high	remains high	remains high	substantially lower?
11. fits changes in assessment	+	+	-	-	-	-	-	-	++

¹ cOAlition S members may approve the use of the CC BY-ND license for individual articles

² these examples allow immediate sharing but not with CC-BY (-SA) and copyright retention yet



Is this compliant with Plan S ?

JOURNAL

ACS Medicinal Chemistry Letters

+

MY FUNDER

Slovenian Research Agency (AR)

+

MY INSTITUTION

University of Ljubljana (ROF)

=

No affiliation

Yes, this combination is compliant.

What options do I have?

<https://journalcheckertool.org/>

BETA

Is this compliant with Plan S ?

JOURNAL

Acta Materialia (Elsevier), ISSN: 1359-6454

+

MY FUNDER

Slovenian Research Agency (ARRS)

+

MY INSTITUTION

University of Ljubljana (ROR:05njb9z20)

=

No affiliation

No, this combination is
not compliant.

What can I do now?

Plan S & Rights Retention

#RetainYourRights

www.coalition-s.org/rights-retention-strategy

Helping researchers retain their rights and share their work Open Access

Example where the Author Accepted Manuscript (AAM) is shared CC BY



Funder agreement

- At least the AAMs of all peer reviewed publications are published with a CC BY licence and no embargo



Owned by the author

- Upon submission, the author informs the publisher that the AAM arising from this submission is licensed CC BY in accordance with the grant's open access conditions
- Acceptance following peer review
- Author Accepted Manuscript (AAM)
Upon publication, the author immediately deposits the AAM in an Open Access repository (zero embargo, CC BY licence)



Managed by the publisher

- Licence to Publish
- Version of Record (VoR)

cOAlition S

Hosted by the European Science Foundation
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Plan S

Making full and immediate Open Access a reality

Funding the Acquisition of Foreign Scientific Literature and Databases through Public Funds

- It is estimated that academic libraries in Slovenia spend approximately 7 mio EUR on electronic information resources.
- SRA co-finances access to foreign scientific literature and databases (in 2021 ca. 5,5 mio EUR).
- SRA primarily supports consortial access to foreign scientific journals.
- Two consortia in Slovenia - Consortium CTK and COSEC.



Funding of Open Publications

The SRA runs two annual calls for applications to fund open publications:

- Call for co-financing of access to foreign scientific literature, which also includes transformative agreements - approx. 5.5 mio EUR
- Call for reimbursement of costs of open publications - approx. 1.5 mio EUR



Current Publication Landscape for Slovenian Researchers



Transitional provisions

SRA and PRO will have two years to fully adapt their operations to the principles of open science.

Sharing of open publications, responsible Research Data Management according to FAIR principles.

Promoting the concepts of "early and open sharing" and citizen science.

Funds from the resources of the RRIS Action Plan and from the funds for Recovery and Resilience Plan.

Thank You!

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