Diamond OA In Europe: lessons learnt from DIAMAS and CRAFT-OA

OAI13 September 6 2023

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Institutional Open Access Publishing Models
DIAMAS

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With the help of Tabea Klaus (University of Göttingen | SUB Göttingen) and George Ross (JISC)

Inspiration - The Diamond OA Action Plan

- A plan to align and develop common resources for the entire Diamond OA ecosystem, including journals and platforms, while respecting their cultural, multilingual, and disciplinary diversity.
- Diamond OA Action Plan based on results of OA Diamond Journals Study (OADJS)
- Initiated and developed by ANR, cOAlition S, OPERAS and Science Europe.
- Over 150 organisations have signed up to the Diamond Action Plan to work together in a community.
- Close collaboration with the DIAMAS and CRAFT-OA projects funded by Horizon Europe for Diamond journals in the ERA.
- Diamond Summit in Toluca, Mexico 23-27 October 2023, to discussion **a global federation of Diamond Open Access**

ACTION PLAN FOR
DIAMOND
OPEN ACCESS

MARCH 2022

Overview

❖ Duration: 36 months

❖ Starting date: September 2022

❖ Horizon Europe funding

❖ Budget €3m

❖ Participants: 23 public service scholarly organizations from 12 European countries

Project Objectives

- Provide the research community with an **aligned, high-quality, and sustainable OA scholarly communication ecosystem**, capable of implementing OA as a standard publication practice across the ERA.

- **Create a community, supporting services, and non-technical infrastructure for Institutional Publishing Service Providers (IPSPs)** that adopt common standards, guidelines, and best practices.

- **Common standards, guidelines, and best practices** will be co-created and adopted as an Extensible Quality Standard for Institutional Publishing (EQSIP).

DIAMAS

Delivered!

- ❖ IPSP Landscape Report
  - ❖ Extensive survey within the European IPSP OA Publishing Landscape
  - ❖ Survey-a-thons – Lessons learned blogpost
  - ❖ First results published
- ❖ IPSP database : 651 IPSPs
- ❖ IPSP Best practices report (taking into account 58 best practices/ quality criteria/ requirements documents)
- ❖ Extensible Quality Standard for Institutional Publishing (EQSIP)
  - ❖ Version 1.0 available (currently under EC review)

What to expect:

❖ Analysis of the survey

❖ EQSIP 2.0

❖ Toolsuite and guidelines for IPSPs

❖ Suite of resources for the sustainability of IPSP

❖ Recommendations and guidelines for institutions, research performing and funding organisations (RPOs & RFOs), and policy makers

❖ The building blocks (registry, Forum, resources, guidelines) for setting up a **Capacity Hub for Diamond OA Publishing** for all stakeholders as ultimate goal
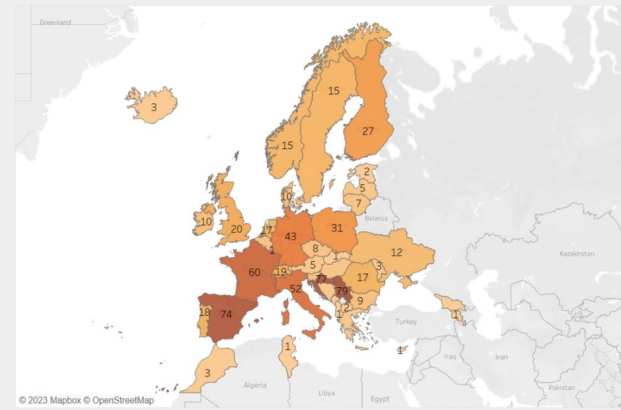
First survey findings and followings

- ❖ Survey sent to around 5000 IPSPs
- ❖ 685 valid responses from 43 countries across the ERA
- ❖ Different levels of returns, influenced by national networks
- ❖ Publications from IPSPs in 37 languages
- ❖ All disciplines were represented, but publications from humanities and social sciences dominated, followed by multidisciplinary IPSPs
- ❖ difficulties of some institutions to identify themselve as IPSP
- ❖ Recommendations
  - ❖ Building or strengthening existing national institutional publishing capacity centres/ networks/ hubs
  - ❖ Dialogue with institutional publishing protagonists about responsibilities and roles

Survey first results details

Figure 1. Map of Europe showing a visual representation of the survey results from the 43 countries in the European Research Area

DIAMAS
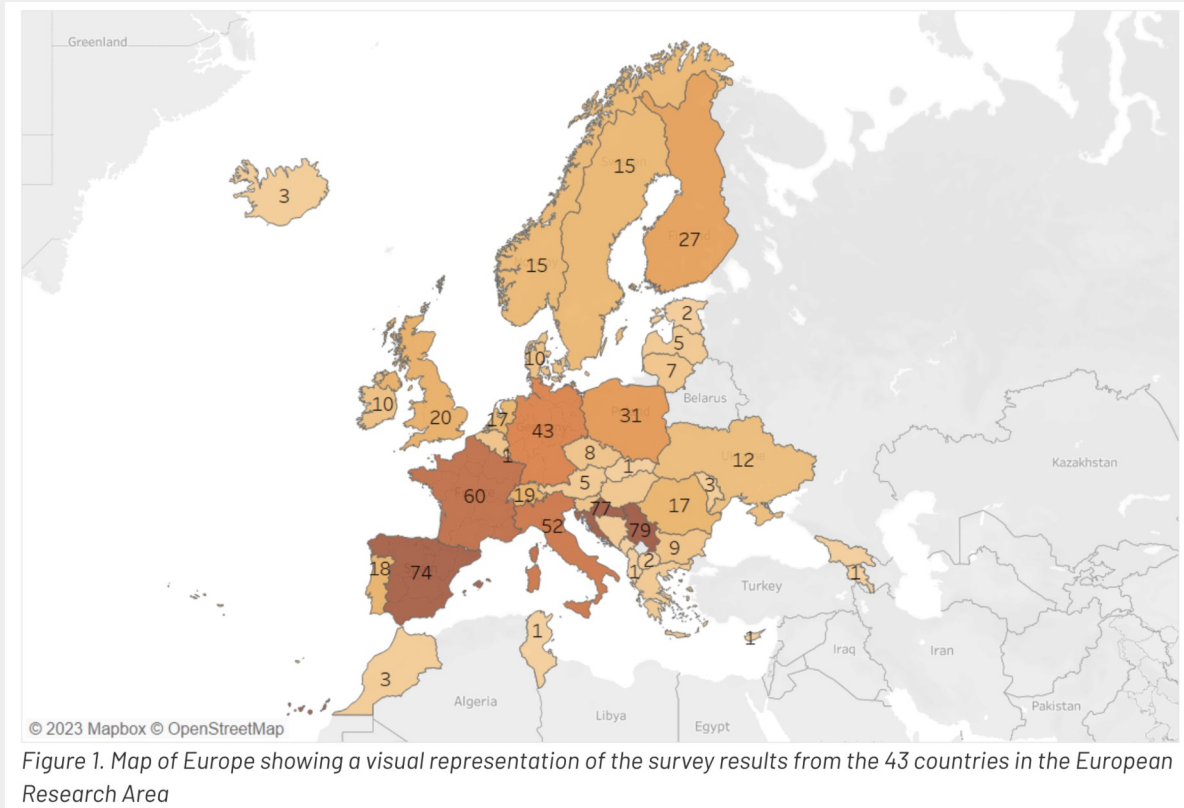
Survey first results details
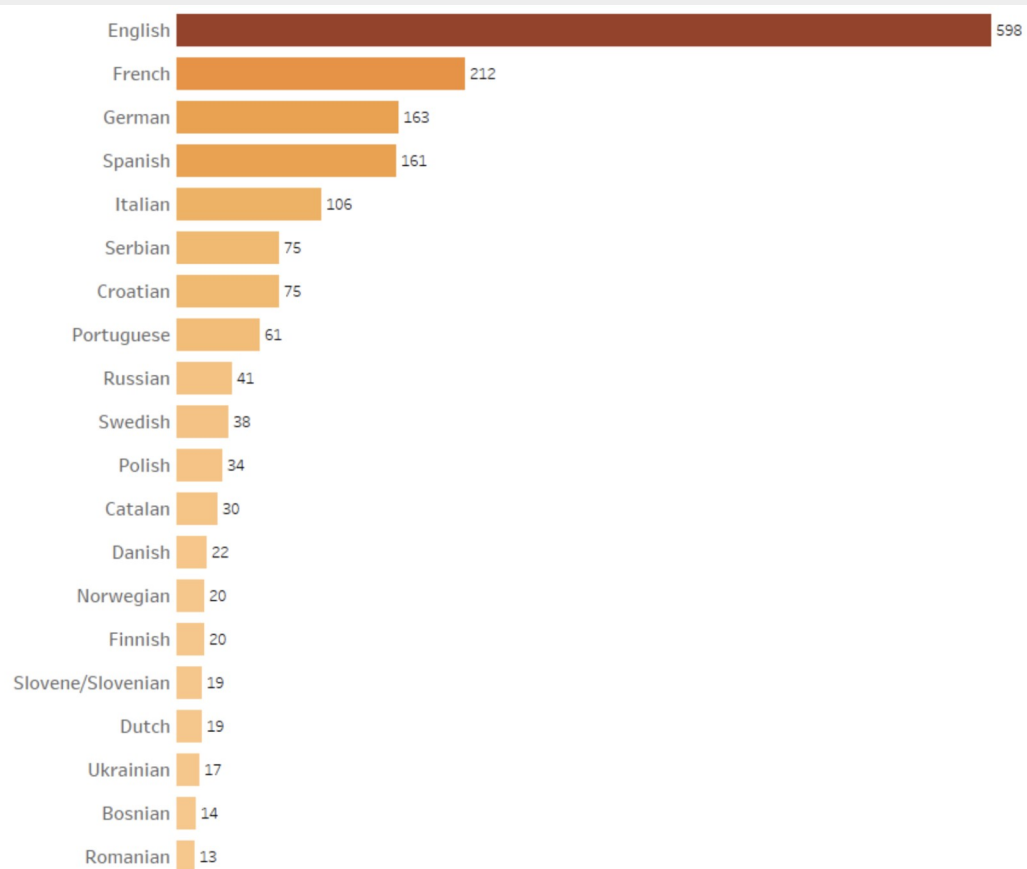
Figure 2. Graph showing the top 20 languages represented by the survey

Survey first results details

Institutional publisher 546

Service provider 139

Figure 3. Chart showing the split between IPs and SPs

Academic Journals	399	178	68
Academic Books	246	116	39
Conference output	213	88	48
Other research outputs (e.g. media)	108	40	30
Non-academic outputs	95	33	24
Other output formats (e.g. datasets)	55	27	25
Grey literature	47	32	26

Type of service
- Service
- Publish and Service
- Publish
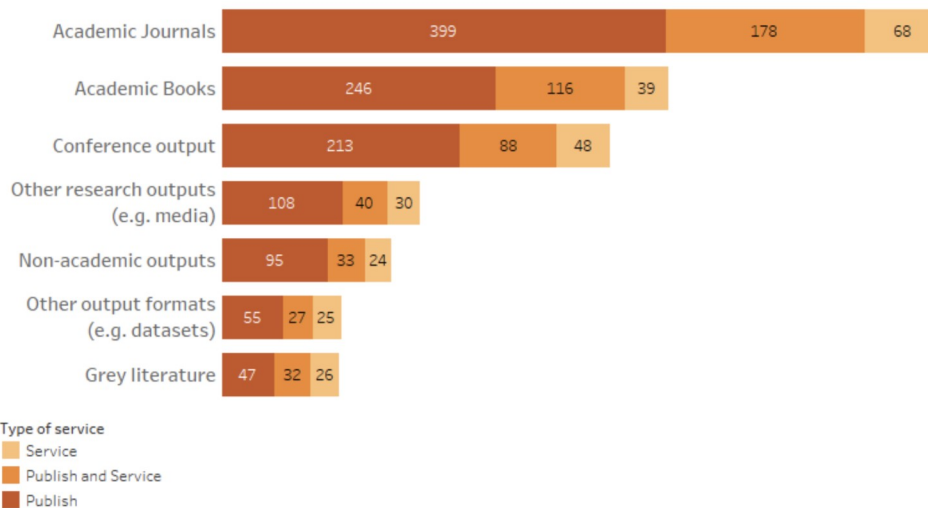
Figure 4. Chart showing the distribution of publishing activities of the IPSPs in the survey

DIAMAS

Figure 5. Chart showing the distribution of publishing services across the IPSPs

Editorial	538
Production	490
IT	470
Communication	403
Administrative, legal and financial	352
Training, support and/or advice	303

Social sciences	376
Humanities	369
Multidisciplinary	308
Natural sciences	183
Engineering and technology	163
Medical and health sciences	146
Agricultural sciences	82
Non-academic	41

Figure 6. Chart showing the distribution of disciplines covered by the IPSPs

What you might want to know about CRAFT-OA

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a priori assumptions why CRAFT-OA is needed

- Open Access and Open Science are the right way forward, but not at any costs (ends don't justify all means)
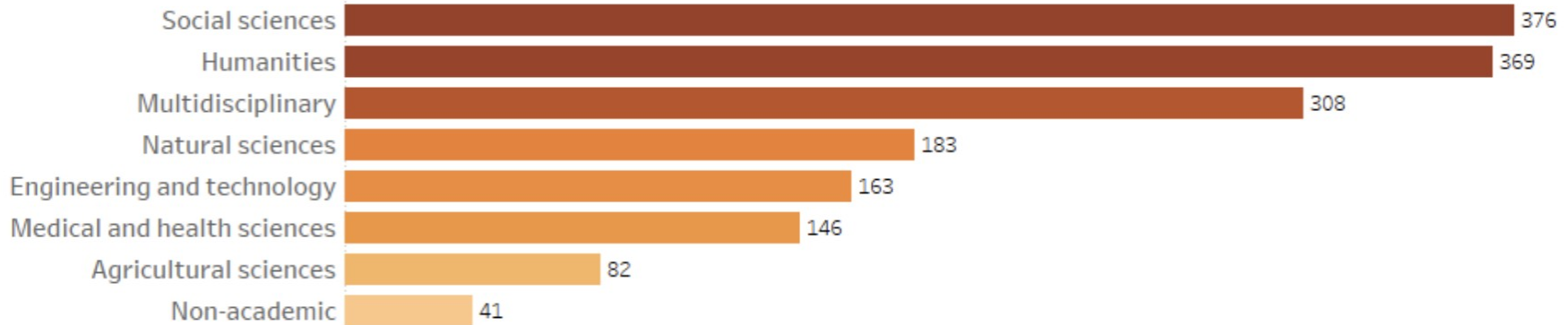- Diamond Open Access should be stronger, institution-funded publishing infrastructure for open access publications, no author-facing charges
- Non-APC models, especially in institutional and scholar-led governance, will benefit from concerted action
- More transparency and trustworthy information needed to develop in the right direction
- Bibliodiversity needs networked infrastructures, shared knowledge and curiosity for proven solutions outside of the mainstream
- Horizontal integration of fragmented publishing ecosystems as a prerequisite for vertical integration such as EOSC
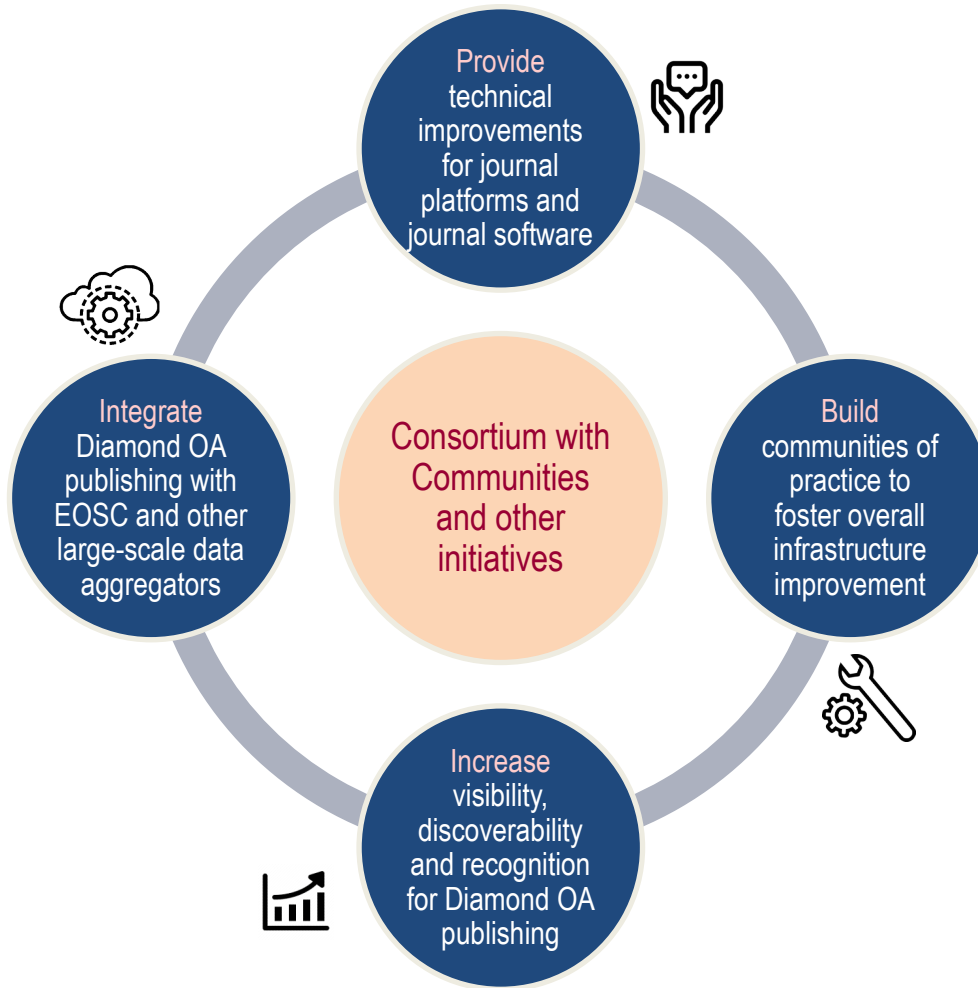
What does CRAFT-OA stands for?

- Creating a Robust Accessible Federated Technology for Open Access
- Strengthening local knowledge and networks to create resilience and independence of large industrial players, also by using local „material"
- Variety and practical solutions above centralised perfection

CRAFT-OA

Funded by
the European Union

CRAFT-OA

Provide technical improvements for journal platforms and journal software

Integrate Diamond OA publishing with EOSC and other large-scale data aggregators

Consortium with Communities and other initiatives

Build communities of practice to foster overall infrastructure improvement

Increase visibility, discoverability and recognition for Diamond OA publishing

- Start 01 Jan 2023, End 31 Dec 2023
- Budget of ~5 mill EUR
- 23 Partners from 14 European countries (plus affiliated entities)
- Göttingen University Library is coordinator on behalf of OPERAS Community
- Partner project DIAMAS (joint advisory board)
- Consortium consists of experienced stakeholders and service providers in open science and open access scholarly publishing, especially around institutional Diamond OA, IPSPs* and IPTPs*

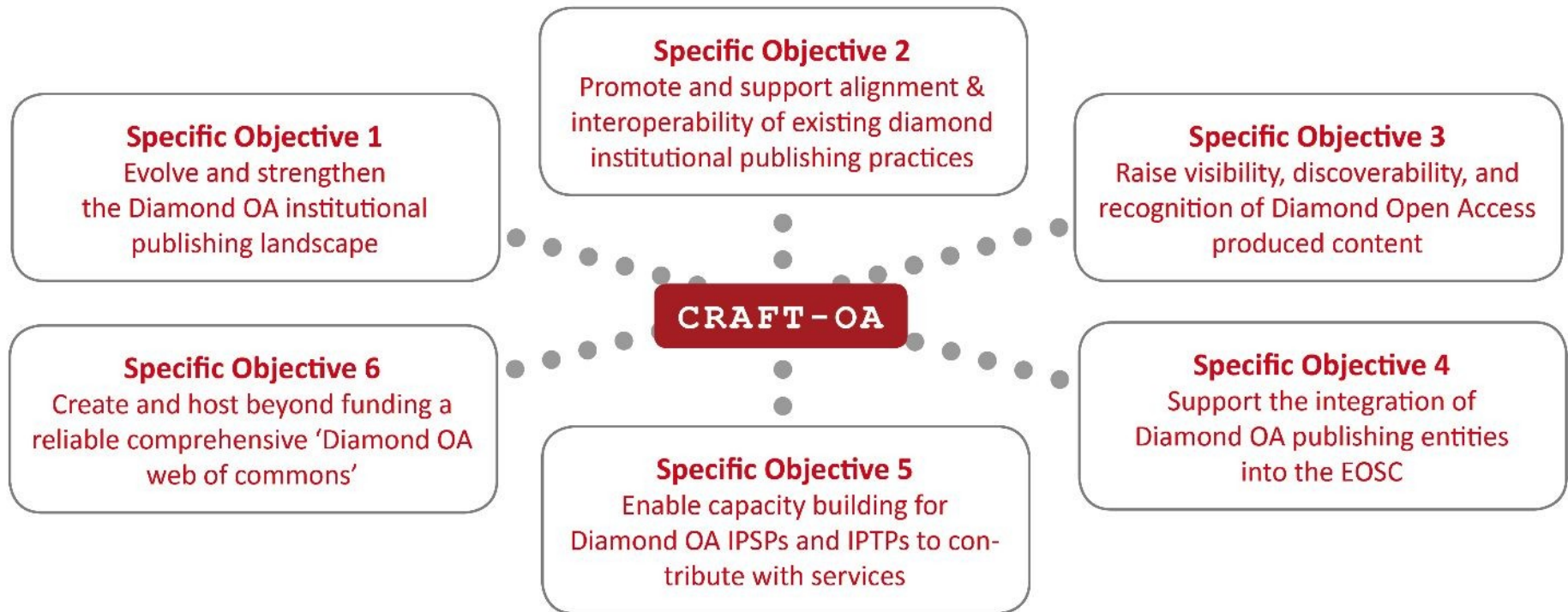*institutional publishing service providers / technology proiders
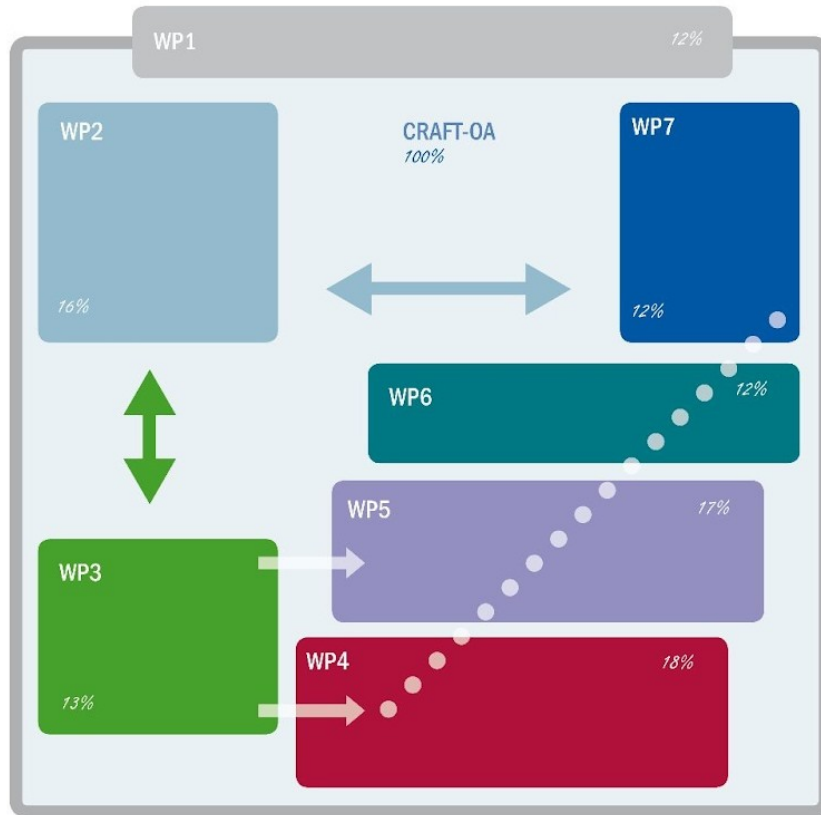
CRAFT-OA

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The Consortium of CRAFT-OA

No. *	Participant acronym	Participant organisation name	Partner type	Country
1	UGOE	Georg-August-Universität Goettingen Stiftung Öffentlichen Rechts	coordinator	DE
2	OPERAS	Open Access in the European Research Area through Scholarly Communication	beneficiary	BE
3	TSV	The Federation of Finnish Learned Societies	beneficiary	FI
4	MWS	Max-Weber-Stiftung - Deutsche Geisteswissenschaftliche Institute im Ausland	beneficiary	DE
5	TIB	Technische Informationsbibliothek (TIB)	beneficiary	DE
6	SRCE	University of Zagreb, University Computing Centre	beneficiary	HR
7	UC	University Coimbra	beneficiary	PT
8	MU	Masaryk University	beneficiary	CZ
9	ESF	European Science Foundation	beneficiary	FR
10	ZRC SAZU	Scientific Research Centre of Slovenian Academy of Sciences and Arts	beneficiary	SI
11	OPENAIRE AMKE	OpenAIRE AMKE	beneficiary	GR
12	ARC	Athena Research Centre	affiliated	GR
13	CNR	National Research Council of Italy	affiliated	IT
14	UBERN	University Bern	associated	CH
15	UNITO	University Turin	beneficiary	IT
16	EGI	Stichting EGI	beneficiary	NL
17	GRNET	National Infrastructures for Research and Technology	affiliated	GR
18	UNIZD	University Zadar	beneficiary	HR
19	IBL PAN	Instytut Badan Literackich Polskiej Akademii Nauk	beneficiary	PL
20	FHH	Freie und Hansestadt Hamburg	beneficiary	DE
21	UNIWARSAW	University Warsaw	beneficiary	PL
22	AMU	Aix-Marseille Université	beneficiary	FR
23	DOAJ	Infrastructure Services for Open Access C.I.C.	associated	UK

CRAFT-OA, specific objectives

Specific Objective 2
Promote and support alignment & interoperability of existing diamond institutional publishing practices

Specific Objective 1
Evolve and strengthen the Diamond OA institutional publishing landscape

Specific Objective 3
Raise visibility, discoverability, and recognition of Diamond Open Access produced content

CRAFT-OA

Specific Objective 6
Create and host beyond funding a reliable comprehensive 'Diamond OA web of commons'

Specific Objective 4
Support the integration of Diamond OA publishing entities into the EOSC

Specific Objective 5
Enable capacity building for Diamond OA IPSPs and IPTPs to contribute with services

CRAFT-OA
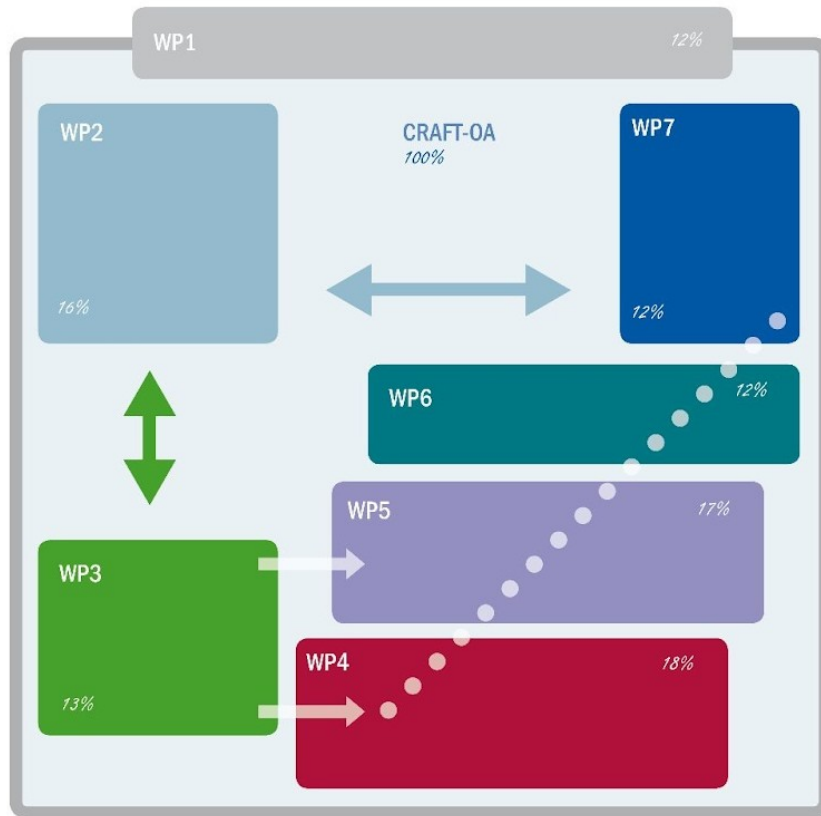
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CRAFT-OA, the project cybernetics

- WP1 for administration, governance and smooth operation
- WP2 and WP7 for scientifically and technically sound operation and constant hand-over to sustainability
- WP3 as extended requirement engineering (use cases, standards -> DIAMAS)
- WP4 to improve technically at platform level
- WP5 to improve visibility, discoverability and recognition
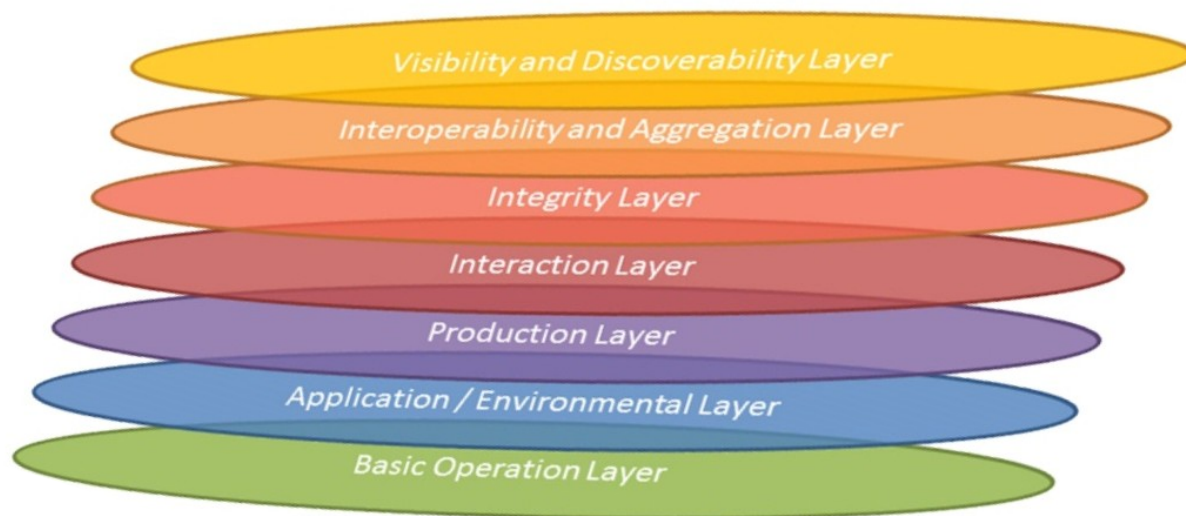- WP6 to improve uptake in larger aggregations and infrastructures such as EOSC

Cybernetics as "the study of systems of any nature which are capable of receiving, storing, and processing information so as to use it for control" (Andrey Kolmogorov)

CRAFT-OA, the project cybernetics

- WP1, WP2 and WP7 the „backbone" WPs
- WP3-6 the „productive" WPs

Cybernetics as "the study of systems of any nature which are capable of receiving, storing, and processing information so as to use it for control" (Andrey Kolmogorov)

Project approach

- Look at the entire value chain of journal publishing
- We are our own testbed and a good nucleus for a larger network
- Feasible concepts and vocabularies that work across communities
- Branding of project developments is less important than community uptake and sustainability

Visibility and Discoverability Layer

Interoperability and Aggregation Layer

Integrity Layer

Interaction Layer

Production Layer

Application / Environmental Layer

Basic Operation Layer

CRAFT-OA, project design
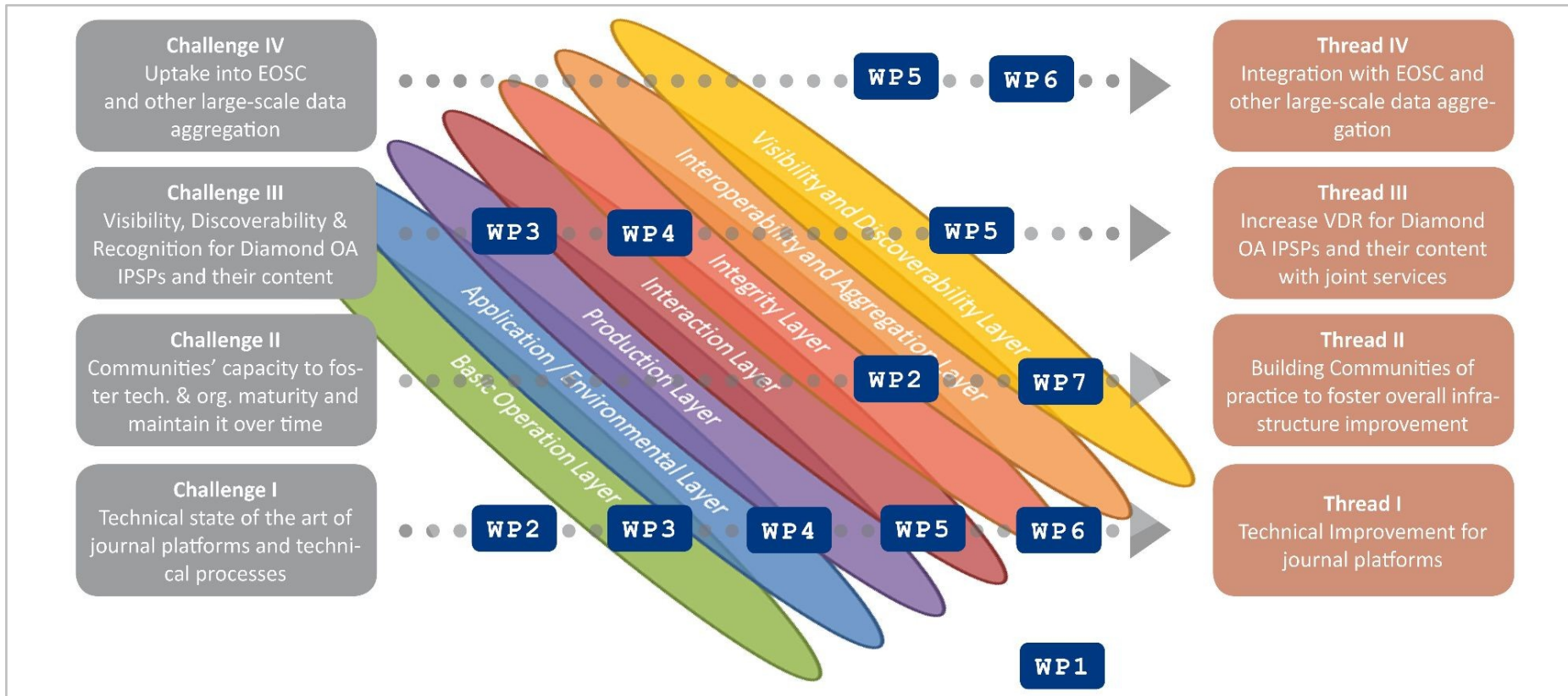
CRAFT-OA, what's going on

- WP2 community building and onboarding
- WP3 report on technical standards is out (ZENODO)
- WP4 working on identified development needs in OJS (along agreed community needs), GDPR, multilingualism, operation into given environments
- WP5 bringing flesh to bones around „Diamond Discovery Hub" and other innovation ideas
- WP6 flesh out how institutional publishing integrates and contributes to EOSC

Melanie Imming, & Jon Tennant. (2018, June 8).
Sticker open science: just science done right.
Zenodo. http://doi.org/10.5281/zenodo.1285575

CRAFT-OA

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