

# SCOAP<sup>3</sup> Forum

18th June 2025

CERN, Geneva, Switzerland

SCOAP<sup>3</sup>: Phase 4 and OS elements  
Anne Gentil-Beccot, CERN SCOAP<sup>3</sup> team



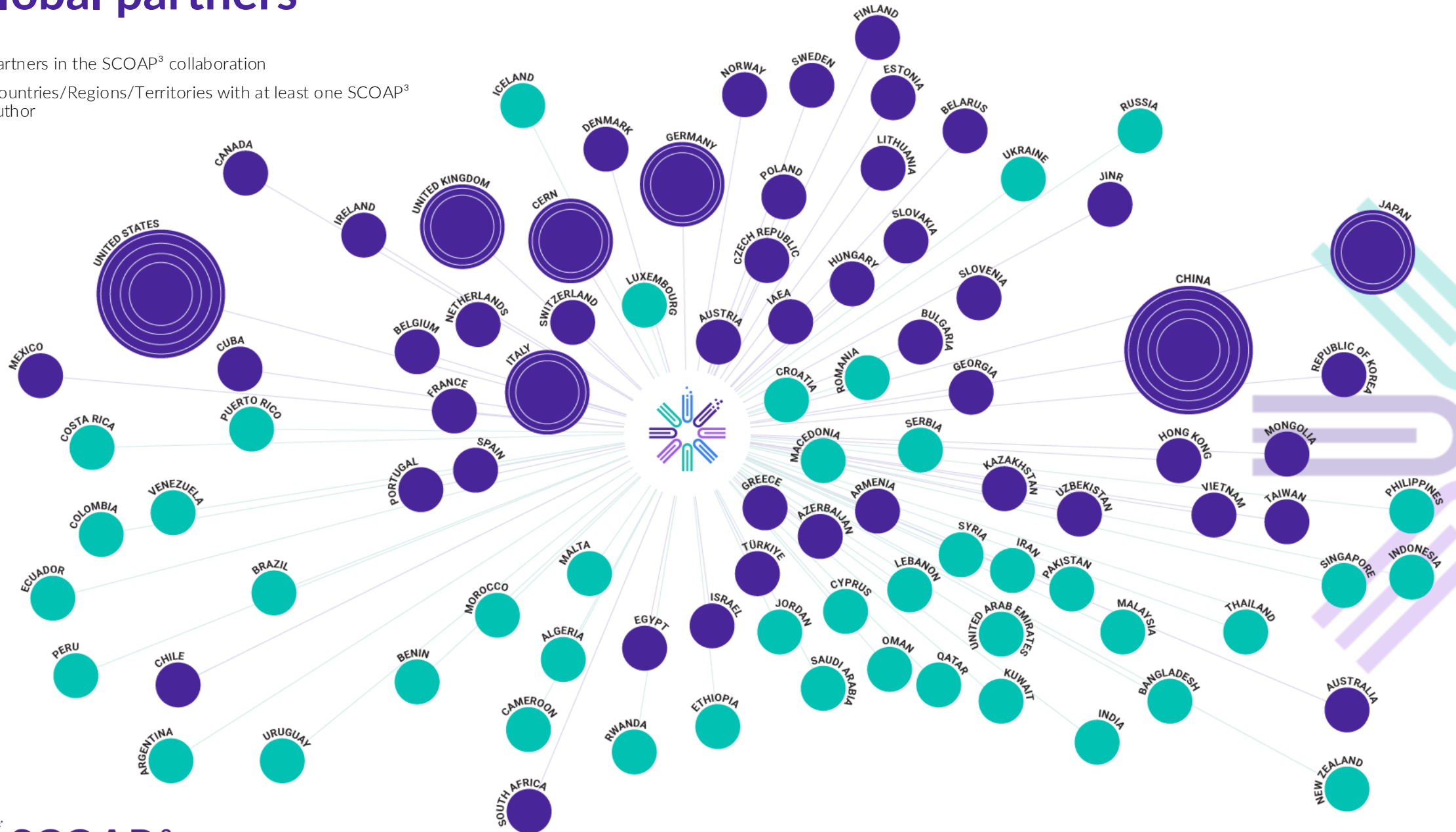
Sponsoring Consortium for  
Open Access Publishing in Particle Physics

# What is SCOAP<sup>3</sup>?

- \* Sponsoring Consortium for Open Access Publishing in Particle Physics
- \* Mission:
  - SCOAP<sup>3</sup> enables open access publishing in the field of high-energy physics, helping to remove financial and administrative barriers to science
- \* International collaboration launched in 2014
- \* Partnership consisting of 3000+ libraries, research institutions and international research organizations from 47 countries (and growing)
- \* 11 of the leading journals in the discipline of high energy physics












# Global partners

- Partners in the SCOAP<sup>3</sup> collaboration
- Countries/Regions/Territories with at least one SCOAP<sup>3</sup> author





# First 10 years (2014-2024): 75,004 articles funded (90+ % of all HEP )

Publisher	Journal	Articles
 Joined in 2018	Physical Review C	661
	Physical Review D	16,821
	Physical Review Letters	2,153
 ELSEVIER	Nuclear Physics B	3,629
	Physics Letters B	9,455
 Hindawi	Advances in High Energy Physics	1,135
  until 2017	Chinese Physics C	896
	New Journal of Physics	25
	J. Cosm. and Astroparticle Physics	654
 JAGIELLONIAN UNIVERSITY IN KRAKOW	Acta Physica Polonica B	179
  OXFORD UNIVERSITY PRESS	Progress of Theor. and Experimental Physics	994
   Springer	European Physical Journal C	11,495
	Journal of High Energy Physics	26,907

# Best-in-class value for money...

List price APCs of comparable journals

Phys.Rev.Letters (APS)

EPJA (Springer)

Phys.Rev. D (APS)

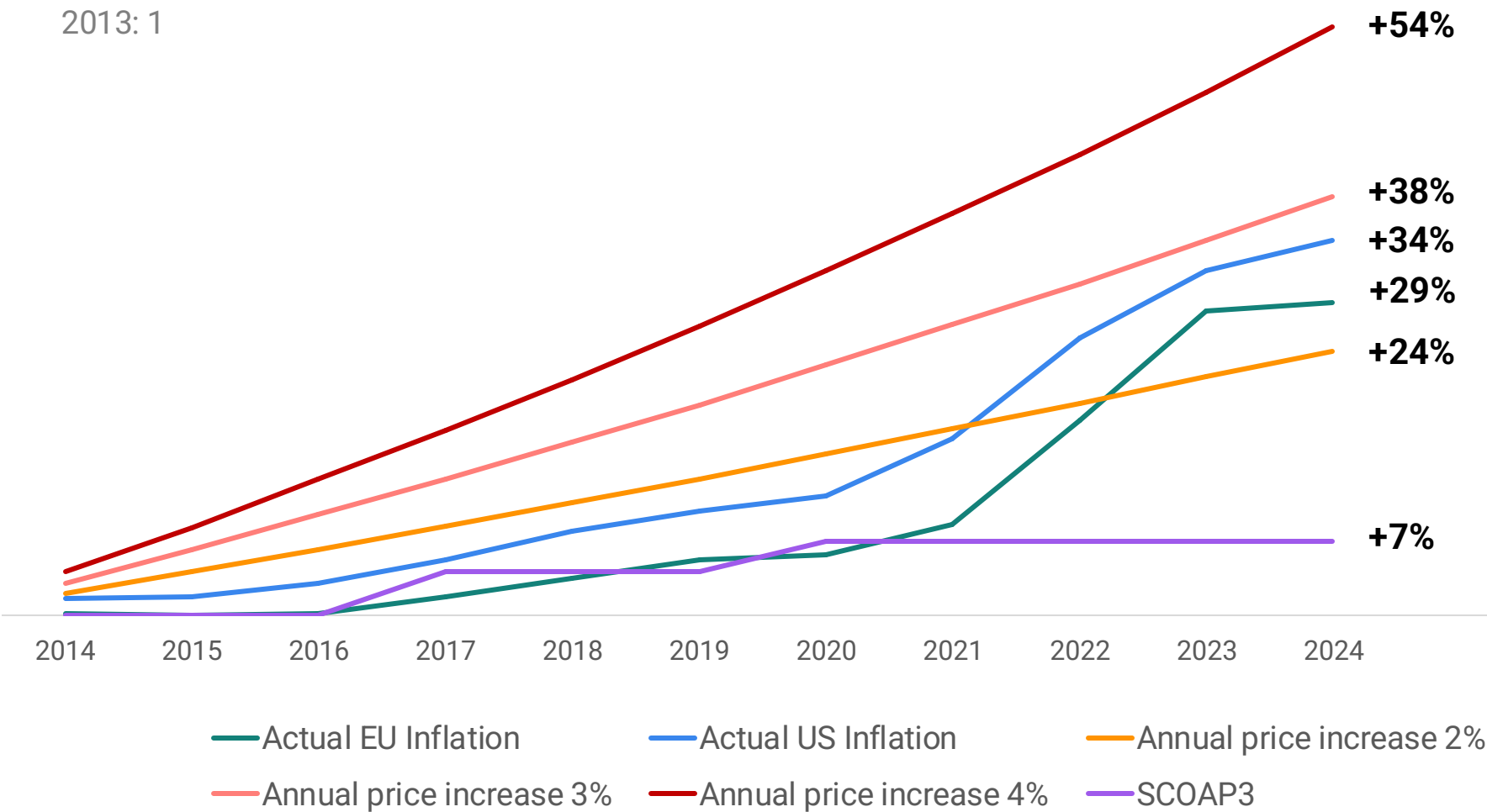
JCAP (IOPp/SISSA)

Nucl.Phys.A (Elsevier)

Effective cost per article for SCOAP<sup>3</sup>

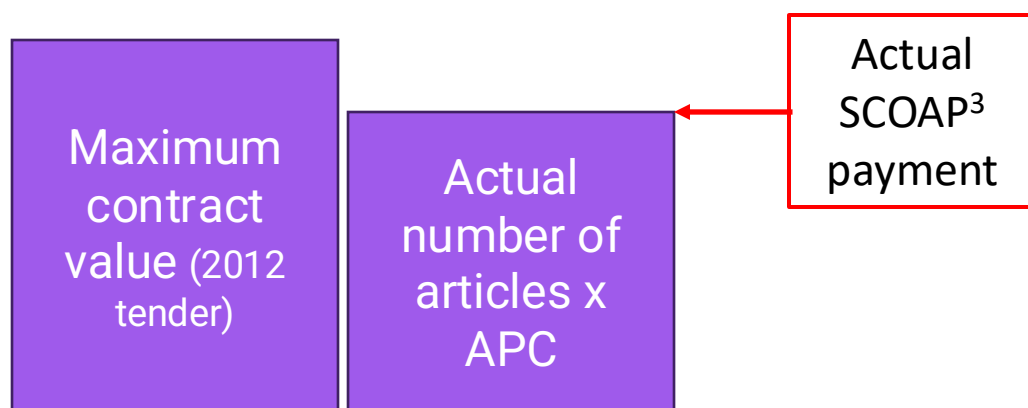
SCOAP3 average all phases

# ...and stable prices for SCOAP<sup>3</sup> partners

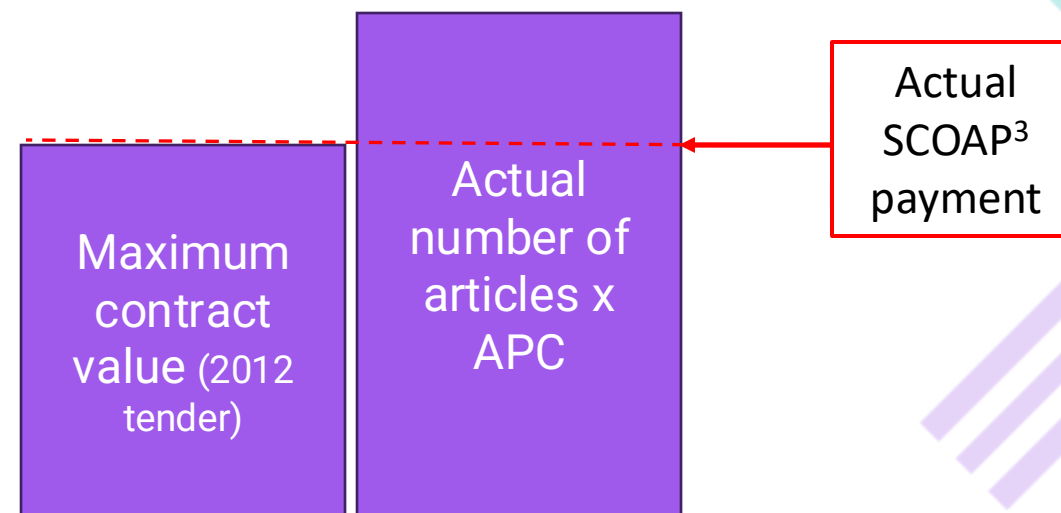


# SCOAP<sup>3</sup> commercial arrangements

- \* Maximum Contract Values (CAP) and nominal APCs based on the initial 2012 SCOAP<sup>3</sup> tender.



**Example 1:** Publisher publishes less than the Max contract value



**Example 2:** Publisher publishes more than the Max contract value

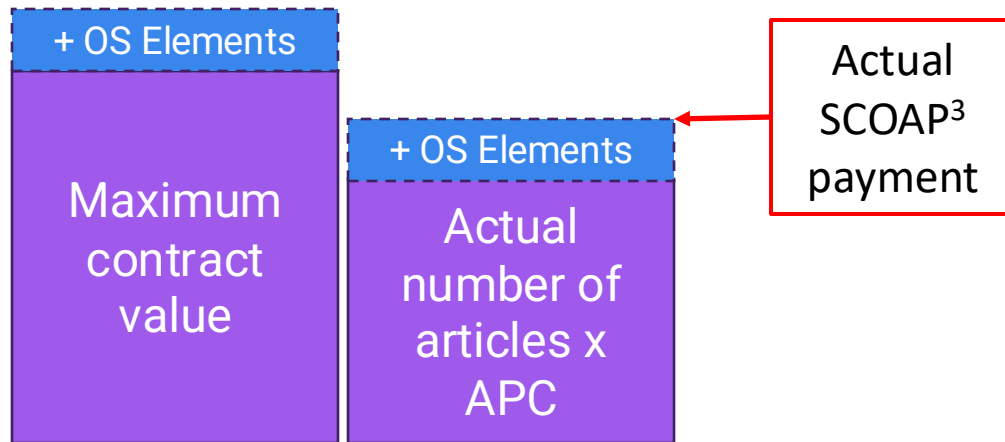
## Phase 4 of SCOAP<sup>3</sup>: from Open Access to Open Science

- \* Disciplinary OA has been achieved and sustained for a decade
- \* Proceed with renegotiation of existing SCOAP<sup>3</sup> contracts
- \* Includes mechanism to financially incentivize publishers on delivery of Open Science Elements that situate publications in HEP more readily for OS future

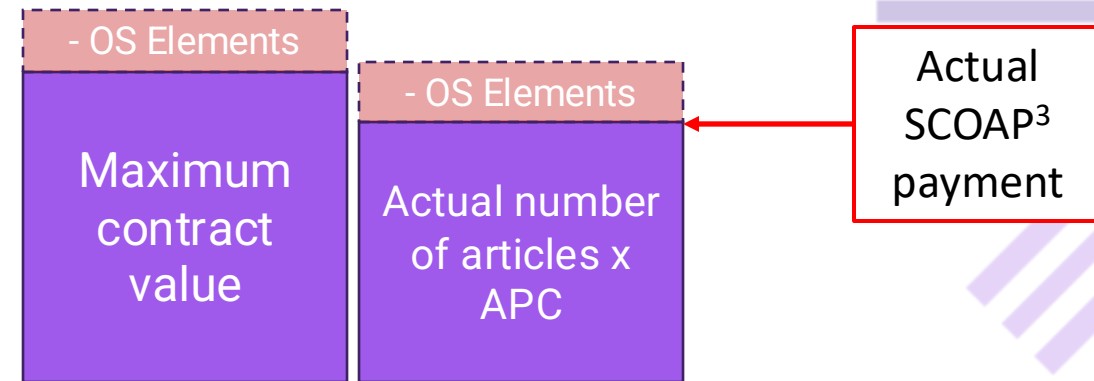


# New SCOAP3 commercial arrangements for Phase 4

- ✱ Mechanism to financially incentivize publishers on delivery of Open Science Elements that situate publications in HEP more readily for OS future
  - Adjustment of maximum contract value and nominal APCs
  - Based on comparative scoring performance with other SCOAP<sup>3</sup> publishers
  - Pioneering OS elements leading to better service quality and innovative compensation mechanism



**Example 1:** Publisher gets a positive adjustment from the OS elements



**Example 2:** Publisher gets a negative adjustment from the OS elements

# Open Science Elements

Open Science Elements	Definition
ORCID adoption	Integrate ORCID submission for all (co)authors into the publishing process and ensure systematic distribution of ORCIDs in subsequent metadata feeds
ROR adoption	Integrate ROR submission for institutional identification into the publishing process and ensure systematic distribution of RORs in subsequent metadata feeds
Standardized metadata provision	Provide enriched article metadata in a consistent, standardized, community-determined format; include abstracts and references
Dataset Linking	Enabling linking between articles and related datasets; improve/incentivize publishing of data as supplementary material associated with publications
Software Linking	Enabling linking between articles and related research software; improve/incentivize publishing of software as supplementary material associated with publications
Transparent Peer Review	Offer open or public peer-review services which provide both authors and reviewers options to publish peer-review reports
Accessibility	Removing barriers to accessing content for people with disabilities by following WCAG guidelines.
SCOAP <sup>3</sup> Community Values Disclosures	Provide transparent statements on core business practices related to defined community values (see next slide)

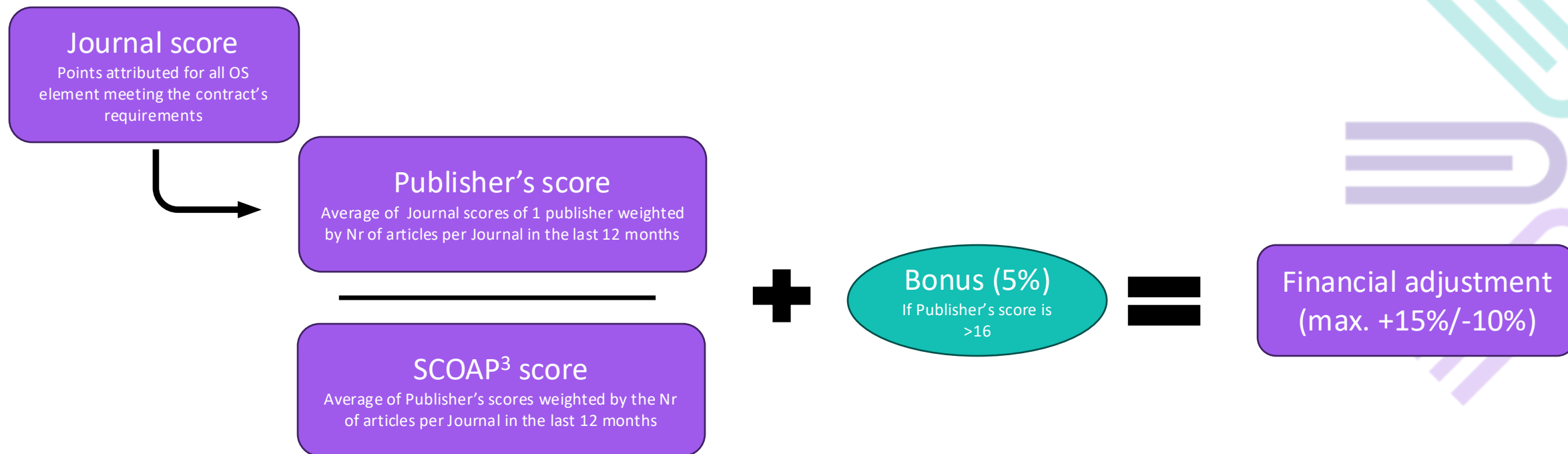
# Open Science Elements (cont'd)

Open Science Element	Values
SCOAP <sup>3</sup> Community Values Disclosures	<b>Diversity, Equity &amp; Inclusion:</b> in aspects ranging from the profile of authors/first-time submitters; diversity in career stages; geographical diversity (in publishing and editorial practices); gender equity; etc.
	<b>Sustainability:</b> adopting practices to reduce their carbon emissions and address sustainability issues within their operations towards becoming net-zero businesses.
	<b>Data Privacy:</b> adopting practices to protect the privacy of users consistent with the European Union’s General Data Protection Regulation (GDPR).
	<b>Financial Transparency:</b> engaging in emerging price transparency frameworks.
	<b>Referee Recognition/Compensation:</b> demonstrating transparency in how the work of referees is acknowledged/ recognized/compensated.
	<b>Publication transparency:</b> publication of journal metrics such as acceptance rates and desk rejection rates

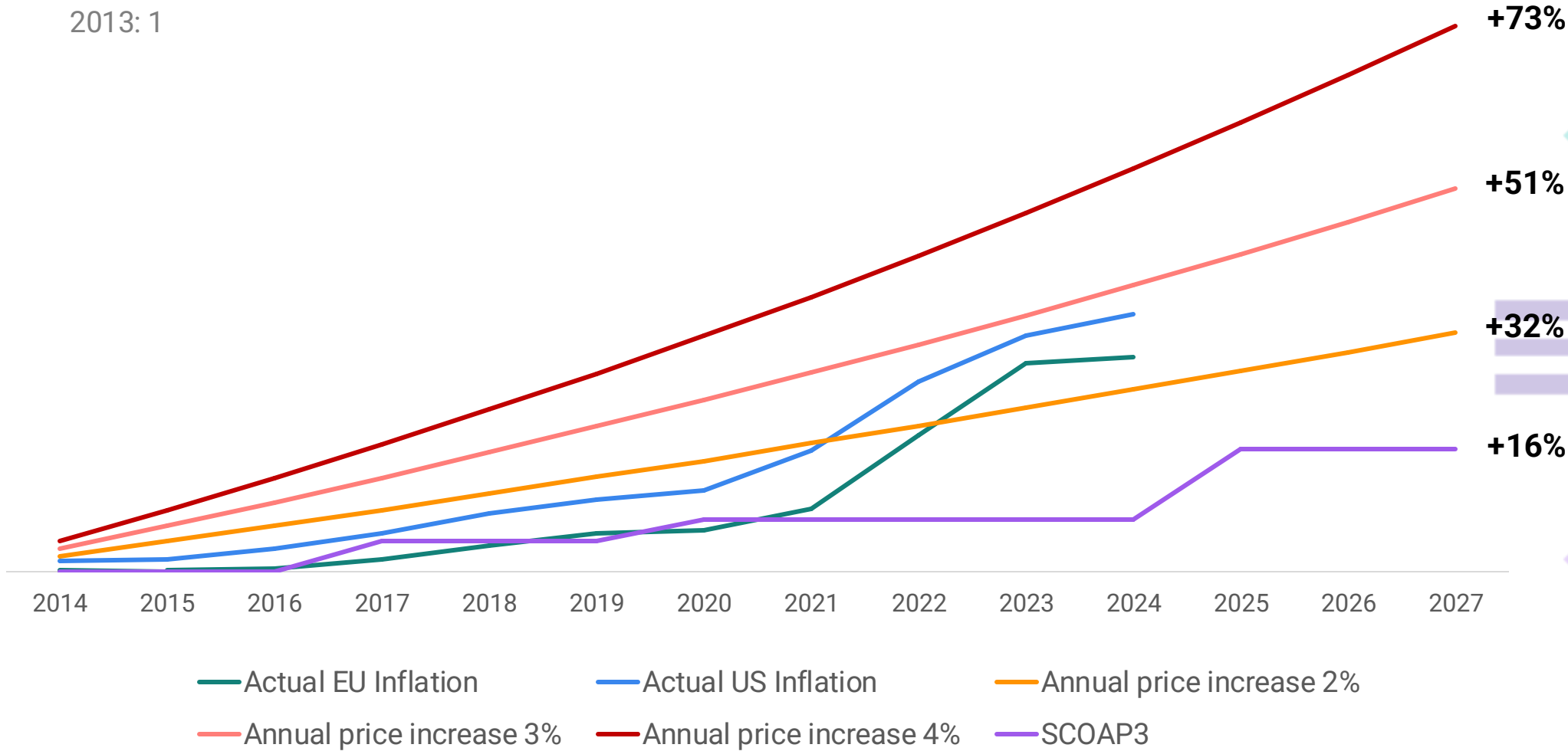
# Operational implementation of OS Elements mechanism

- ✱ Annual assessment by CERN using previous year information (max 31 points)
  - Combination of automated and manual validation
  - Average score if publisher participates with several journals
  - Objection possibility for publishers
- ✱ Calculation of average SCOAP<sup>3</sup> Score, weighted by the number of SCOAP<sup>3</sup> articles in previous year
- ✱ Calculation of publisher adjustment
  - Relative performance compared to average, capped at +/- 10%
  - 5% bonus if publisher scored at least 50% of the available 31 points to create a clear incentive for all publisher to invest into the needed infrastructure
- ✱ New annual Maximum Contract Value and nominal APC adjusted accordingly for actual year (re-assessment in the following year)

# Calculation



# Phase 4: increased investment for additional services





# THANK YOU

Any Questions or Comments?

[scoap3@cern.ch](mailto:scoap3@cern.ch)