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# Copernicus Publications

The Innovative Open Access Publisher

You publish. We care.



# New editorial practices for native open science: perspectives from a society publisher

Martin Rasmussen

20 ans de Couperin | 21 June 2019



# Copernicus at a glance

- Founded in **1988** by scientists as non-profit society
- Scientific conferences organized since 1988
- Journal publisher since **1994**
- Flipped to OA in **2001**
- 41 peer-reviewed journals, 38 thereof owned by societies
- **2018**: 5,757 journal articles, 3,850 discussion papers
- 54 staff members in Göttingen, Germany
- Me? Hydrologist, co-founder of OASPA, OA activist



# How we run OA journals

- Journals owned by **scientific associations**; determine APCs
- Associations appoint chief editors; they appoint topical eds.
- Editors **are not paid** & are not employed by Copernicus
- Articles are published **CC BY 4.0** with author's copyright
- All-in: full-text XML & HTML, MathML, PDF
- CrossRef, CrossCheck, COPE, CLOCKSS, Portico, WoS
- Take home: **journals are owned by associations, articles are owned by authors**



# Open access 1.0

## Open access to the paper



You are free to

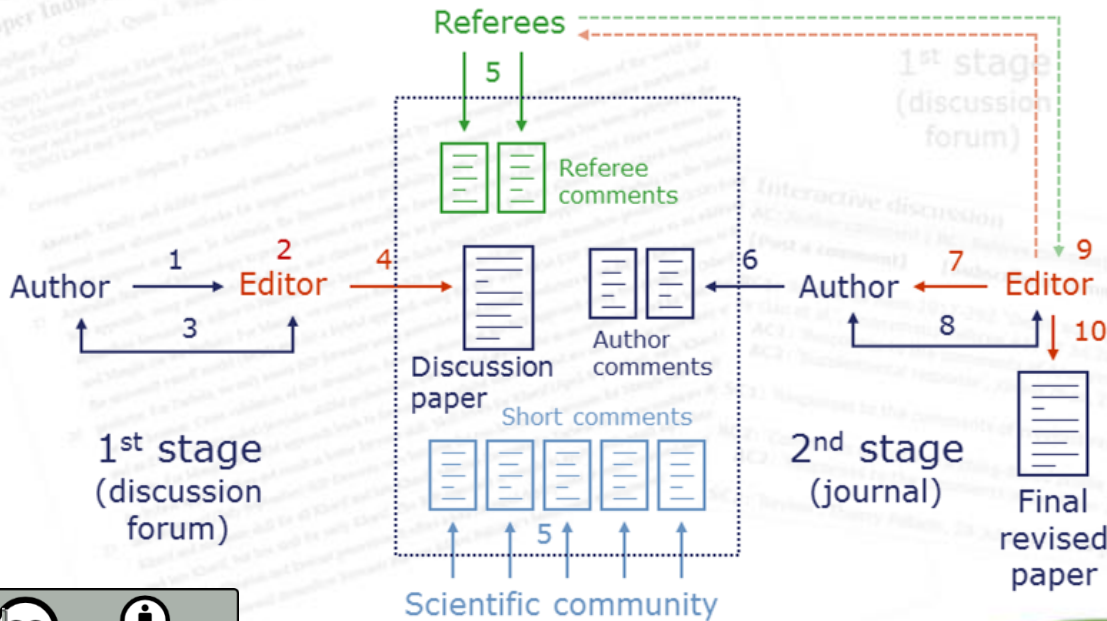
**Share** – copy & redistribute the material in any medium or format

**Adapt** – remix, transform, build upon the material for any purpose

# Open access 2.0

## Open access to the review

Access to **reviewer** reports & **author's** replies – comment **yourself**



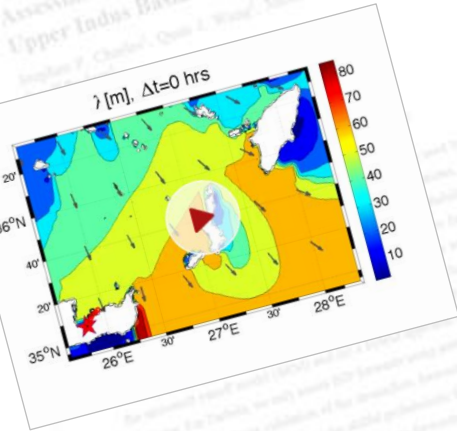


# Open access 3.0

## Open access to the assets

Your journal paper is the **trunk**, your data sets, model code, and videos are the **branches**

**Experience** how the seed of your science grows by **being open**



# What are the costs & services?

- All **services in-house**: editorial support, typesetting, image processing, and language copy-editing
- All **review & publishing tools** developed in-house
- No dependencies, **no outsourcing**
- Licence model: APCs for authors, fixed allowance for us
- Surplus for journal owner = scientific association
- Average **APCs: €1,299 net** (1,545 gross) for 15 pages
- APCs calculated by page number, **10% free pages**



# Who receives the APC income?

## Last 12 months

64,000 pages

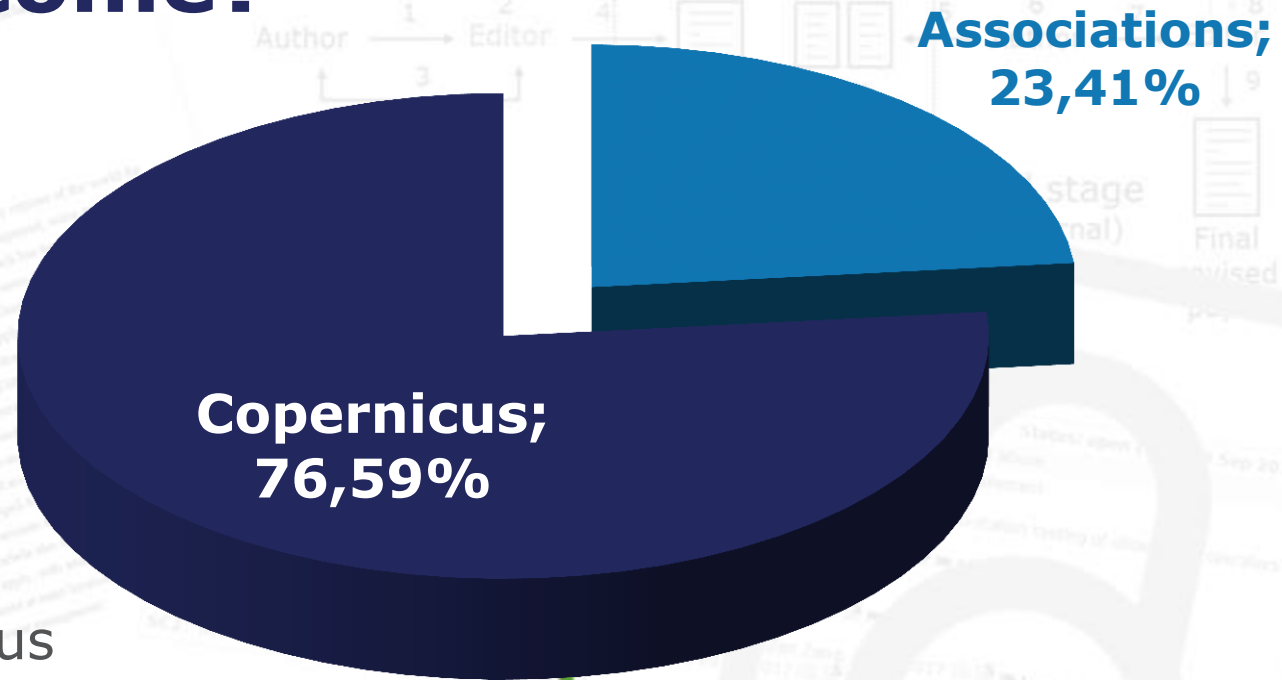
Turnover €5M

For assoc. €1.2M

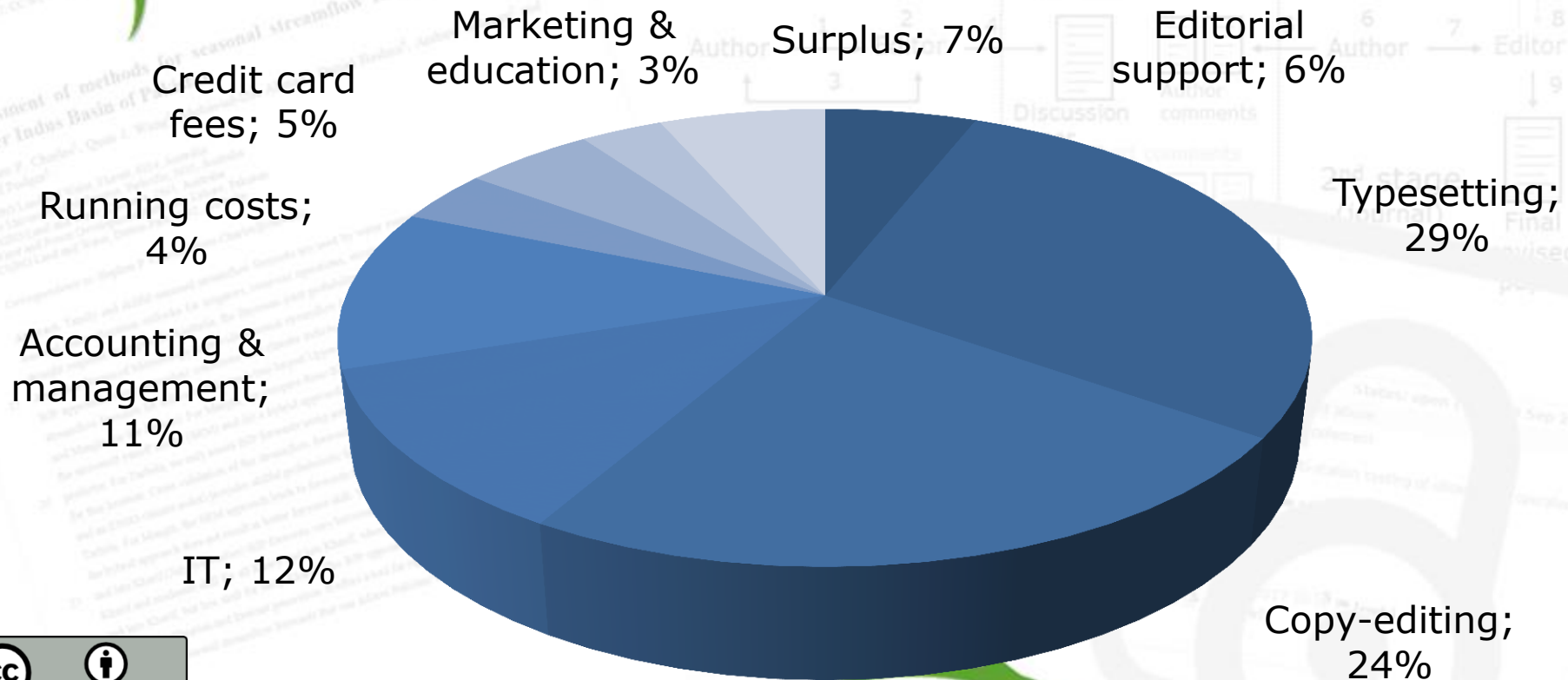
## Scalability

If €2k/article

€2.5M extra surplus



# What are our costs?



# How is OA at EGU financed?

- New journals **waive** their APCs (article processing charges)
- Once established, the APCs are **€1,299** net on average
- EGU offers annually **10% free pages** if you lack support of funds
- First national consortium in OA with **14** German universities settling their APCs directly with us
- **13** further European universities do the same individually
- Max Planck, Helmholtz, and Leibniz apply **central settlement**

# Real-cost summary & take-home message

Modern technology enables sustainable production of top quality scientific journals with substantial surplus for associations & publishers, even in a high-wage country, for **less than €2,000 per article**

# Outlook: full OA paradigm

- **3 dimensions of OA publishing** for scientific traceability: **open articles**, **open assets** (data/software/videos), **open peer review** (enhance quality assurance & save reviewer capacities)
- **Proper OA market**: avoid monopolies/oligopolies, allow for alternative models & publishers
- **Society ownership**: money back to science (socio-economics)
- Full OA = no more hybrid journals (see **Plan S**)

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Thank you. **For your attention.**

