Leading the Change to Open Science in European Universities

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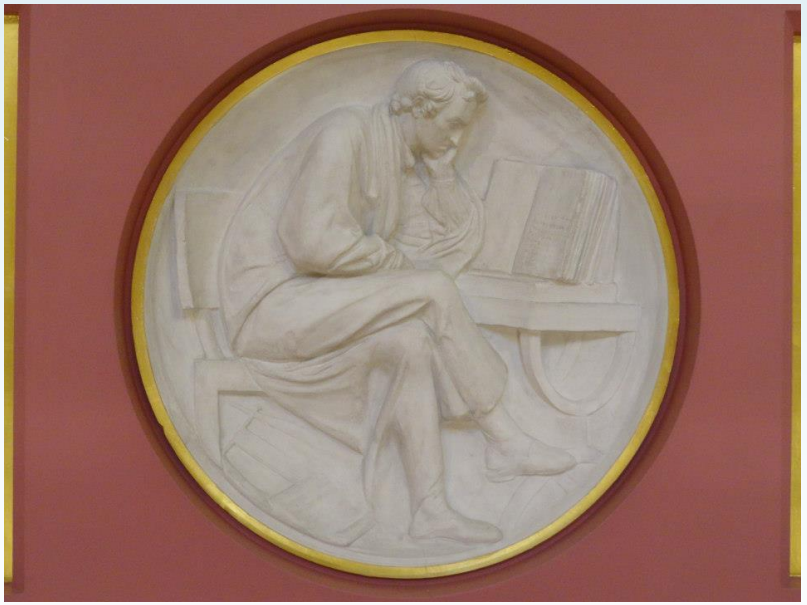
CC BY

Content

- LERU Roadmap
- Future publishing models
  - UCL Press ‘white label’ publishing service
- Research Data
- Rewards and Evaluation
- LERU Leadership Statement
- Building the Open Science community
- Conclusion



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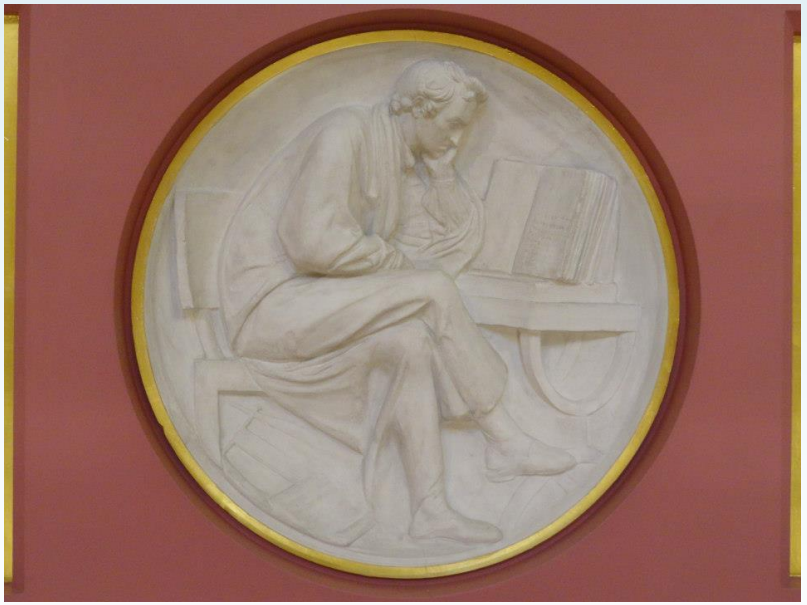

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European Commission: Open Science Policy Platform – 8 pillars of Open Science

- Future of Scholarly Communication
- EOSC (European Open Science Cloud)
- FAIR Data
- Skills
- Research Integrity
- Rewards
- Altmetrics
- Citizen Science

- LERU has produced an Open Science Roadmap for universities
- Launched on 12 June 2018 at https://www.leru.org/publications/open-science-and-its-role-in-universities-a-roadmap-for-cultural-change
- 41 Recommendations

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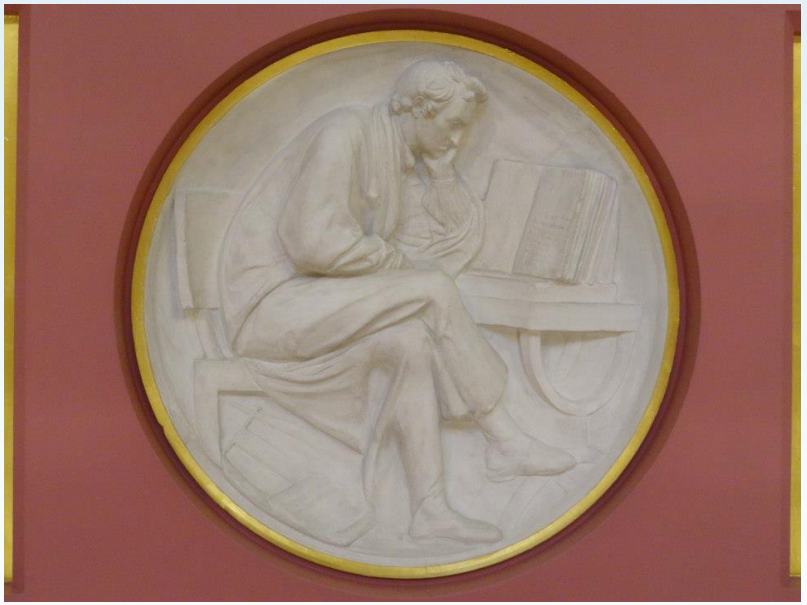

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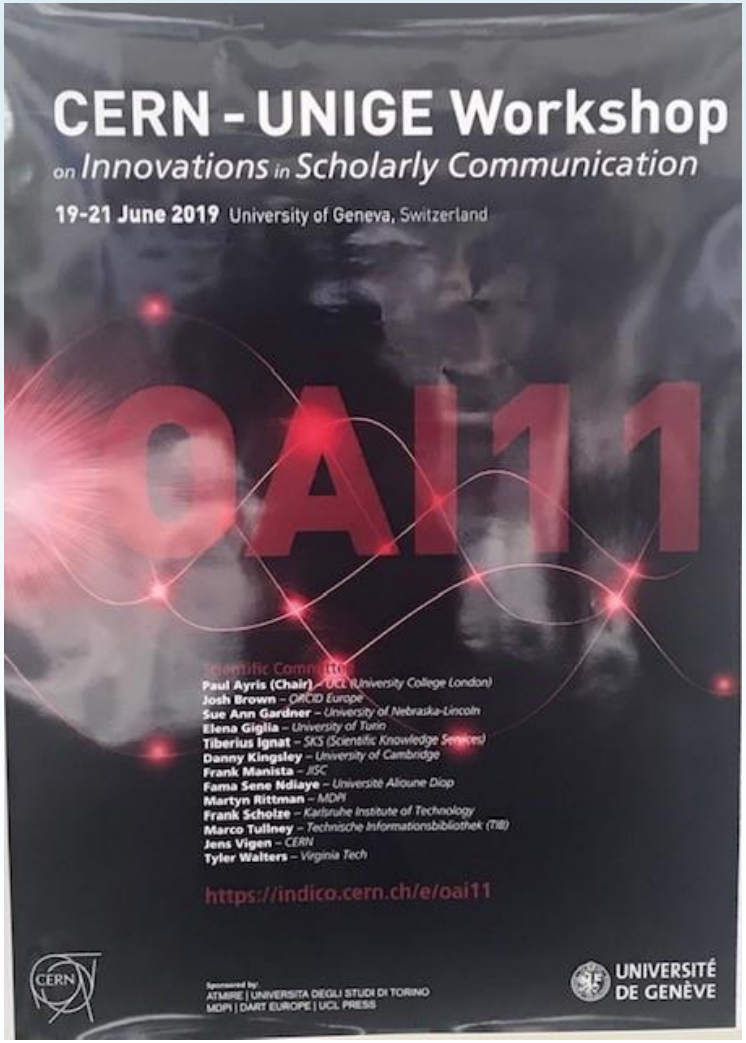
- Plan S Implementation Plan with Rationale for changes
- Statement from LERU (League of European Research Universities) on the implications of the revised Implementation Plan

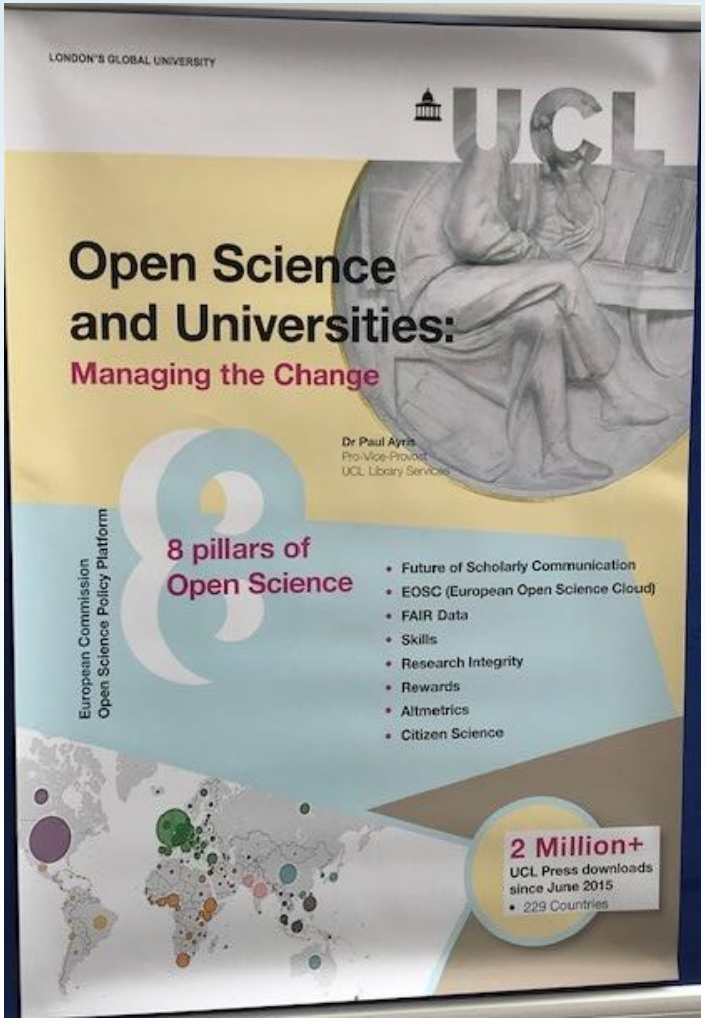
Actions that libraries should take

- Ensure all academics are aware of OA compliance requirements from their funders
- Look at Plan S Workshop from OAI11 in Geneva – results emerging. Linked at https://zenodo.org/record/3251666#.XQ5pFpNKinA



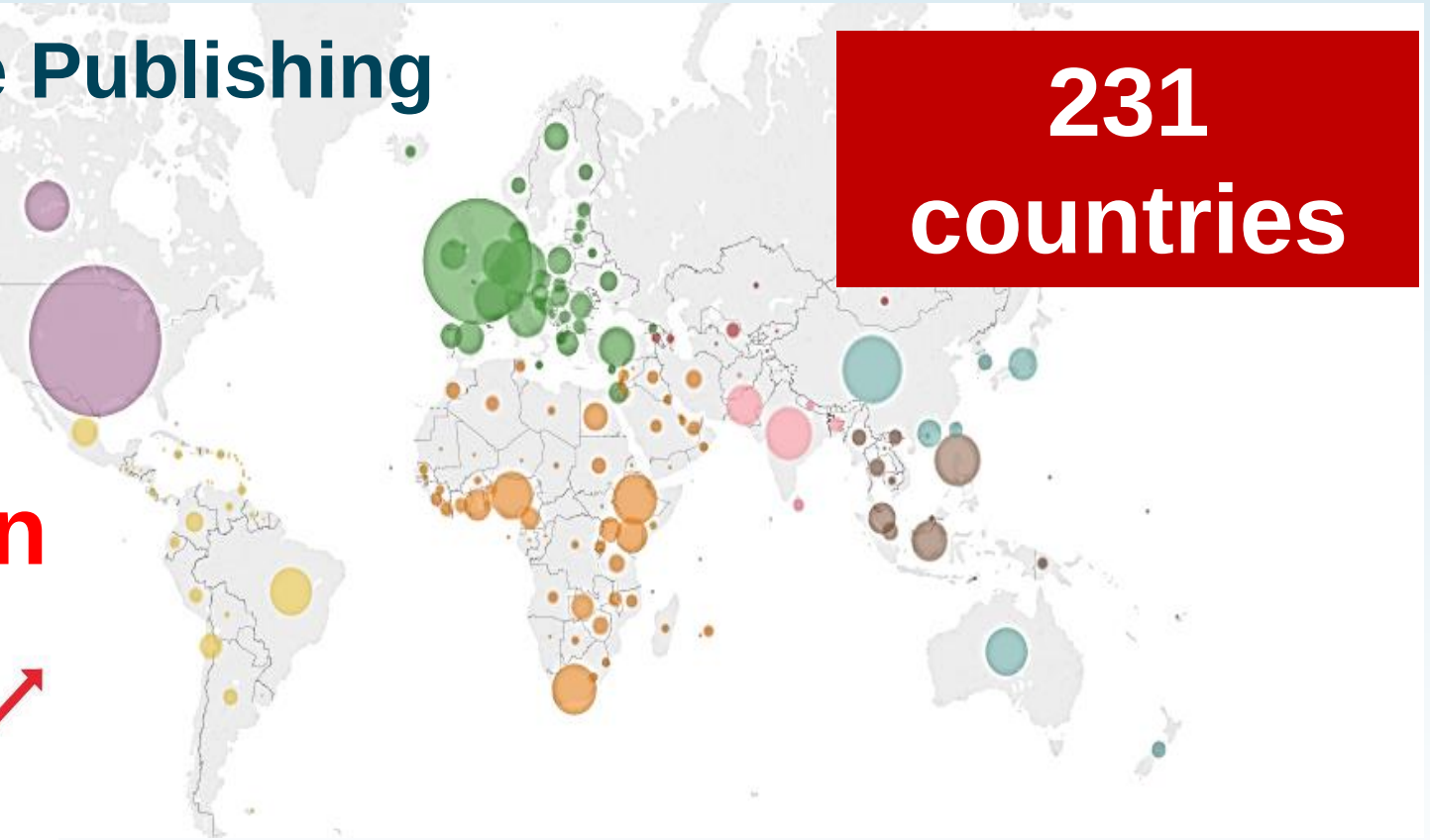
Actions that libraries should take

- Look at establishing Alternative Publishing Platforms which are Plan S-compliant
- Monitor their Green OA repositories, to ensure they meet revised Plan S requirements



Alternative Publishing Platforms

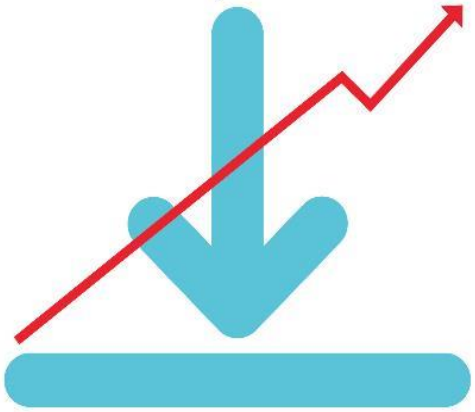
UCL PRESS



231 countries

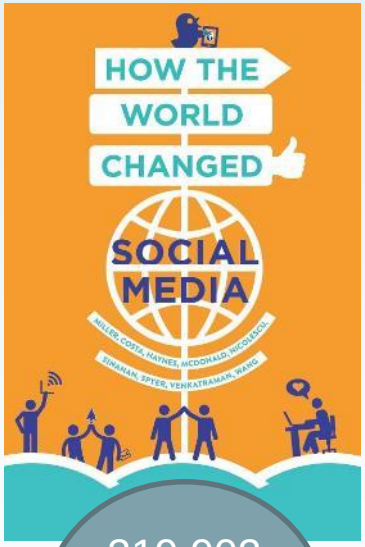
2 million

downloads
since June 2015

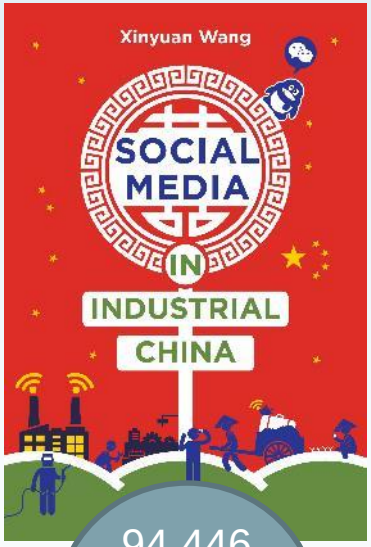


UCL Press downloads since June 2015

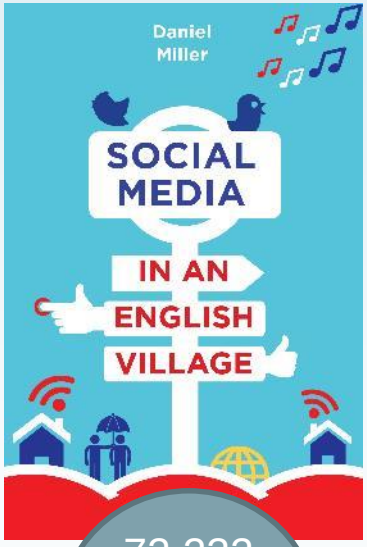
Most-downloaded books (Apr19)



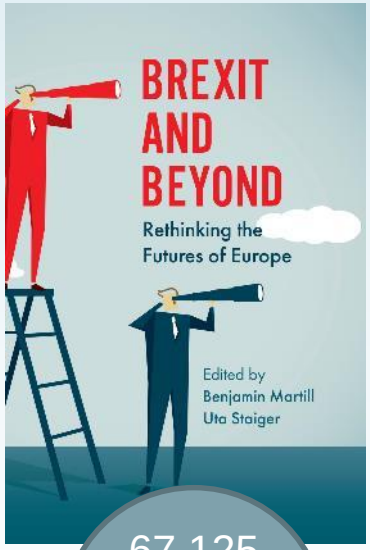
319,902
Since
March
2016



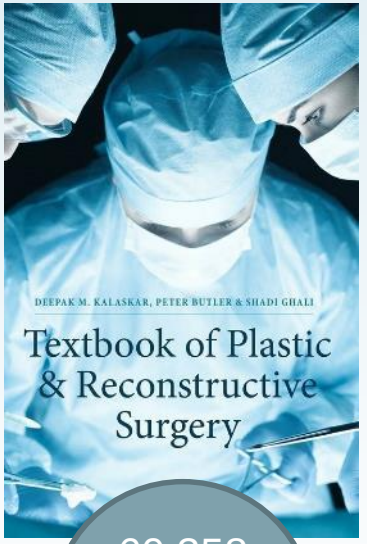
94,446
Since
Sept
2016



72,232
Since
March
2016



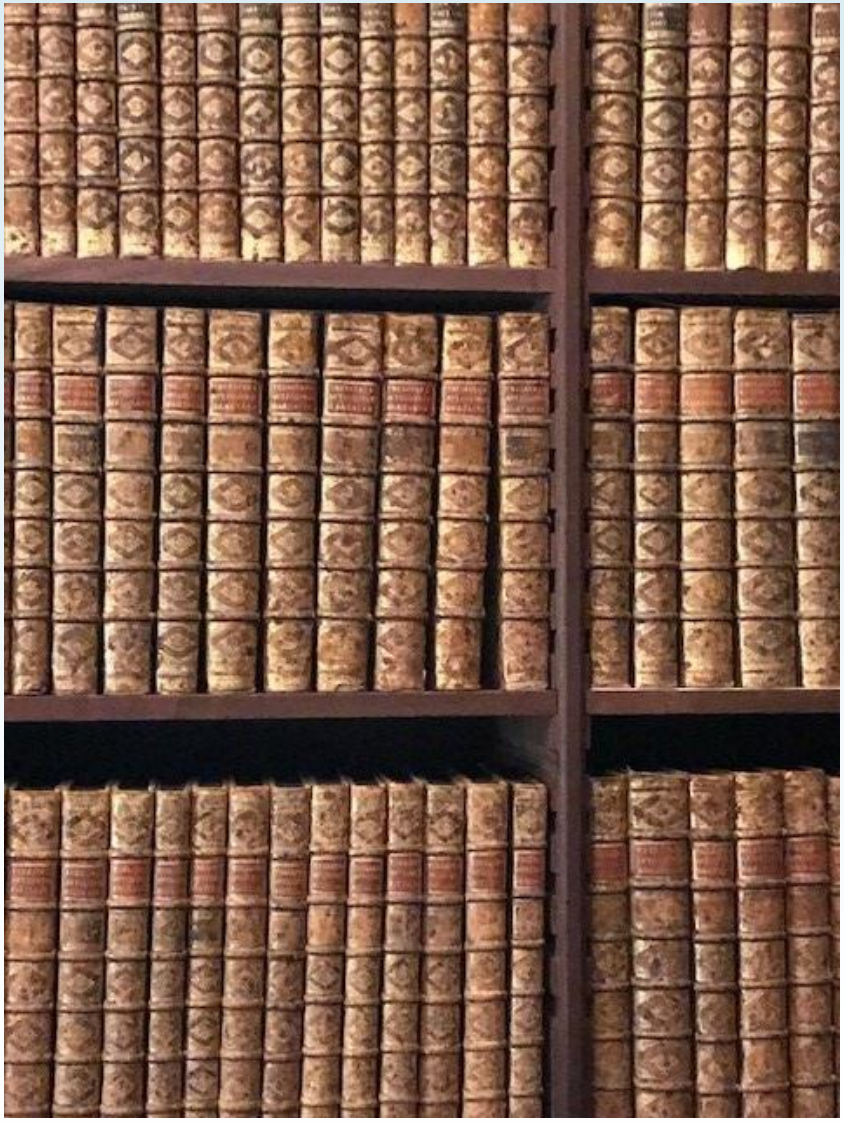
67,125
Since
January
2018



60,358
Since
August
2016

UCL Press offers publishing services

- Dublin City University is the first university to buy publishing services from UCL
- All outputs to be branded as Dublin City University Press
- All enquiries welcomed
- https://www.uclpress.co.uk/



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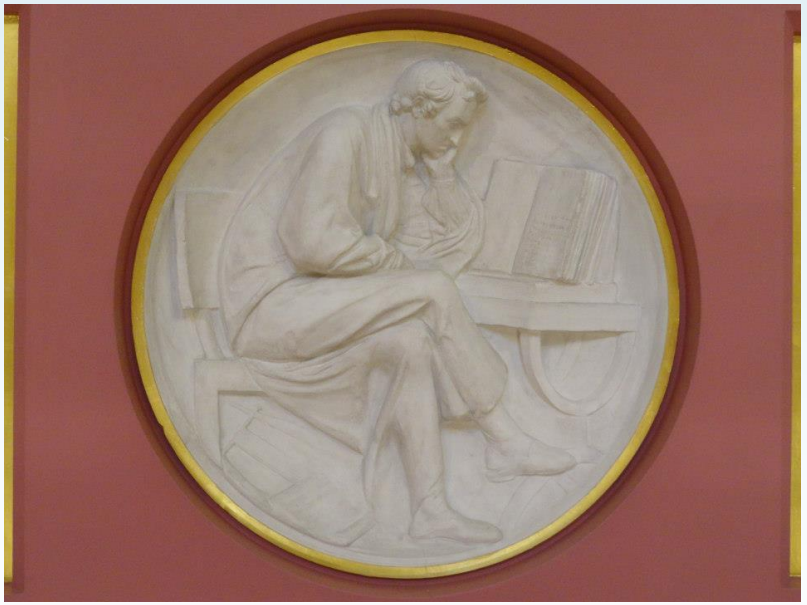

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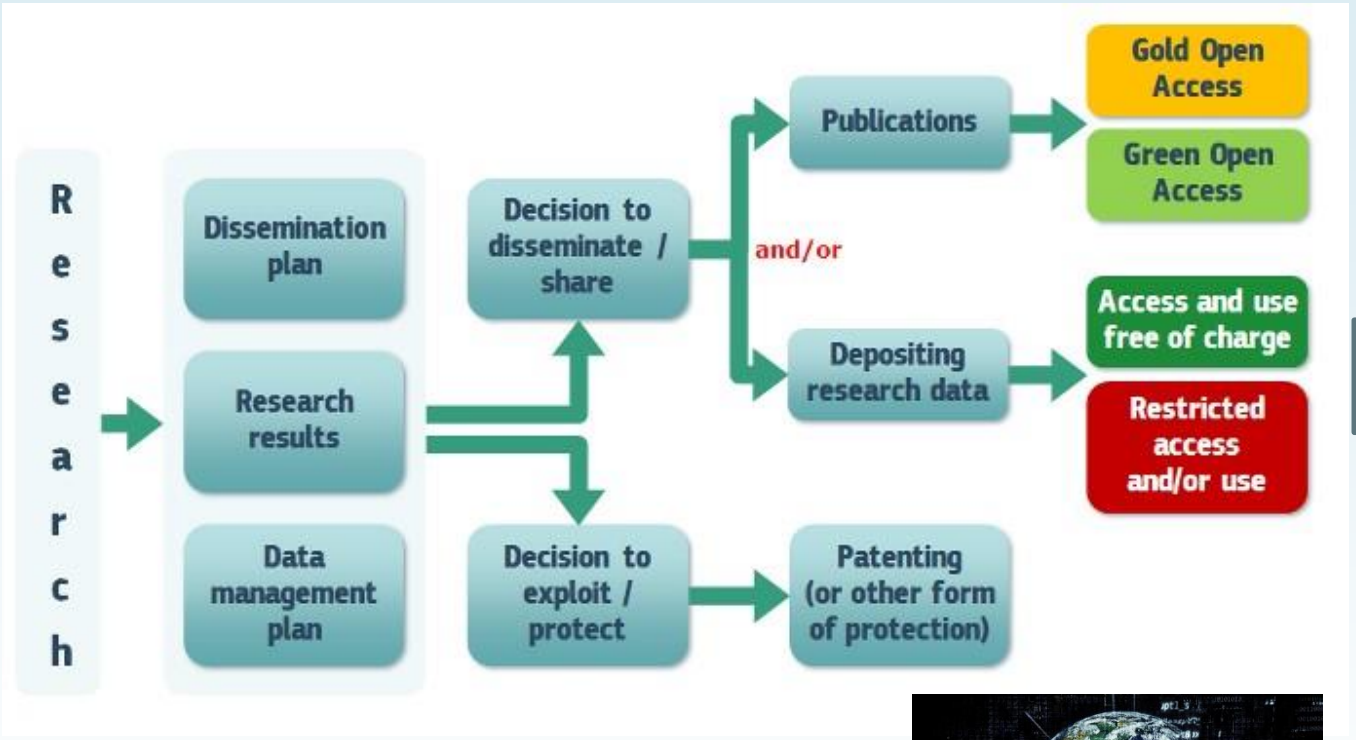
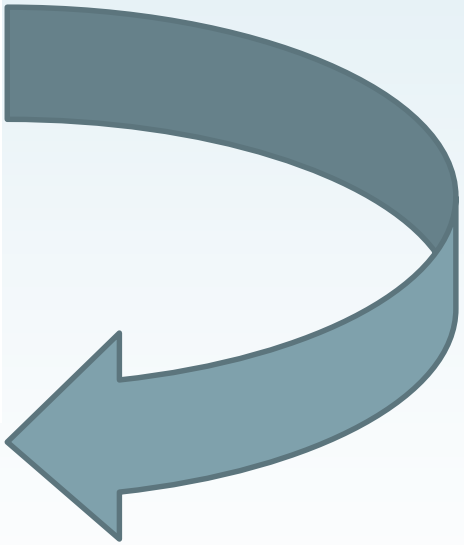
Research Data – a new currency





- UCL RDR (Research Data repository)

Graphic from: H2020 Online Manual
http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/open-access-data-management/open-access_en.htm

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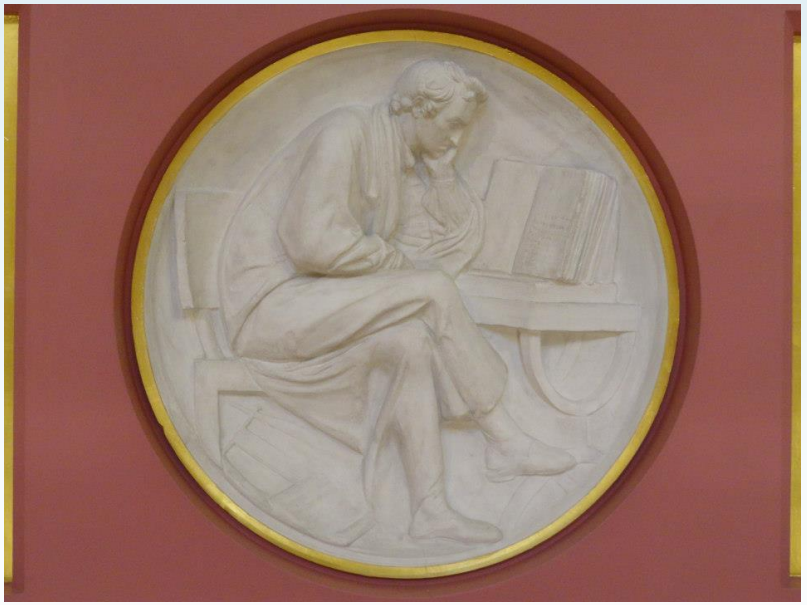

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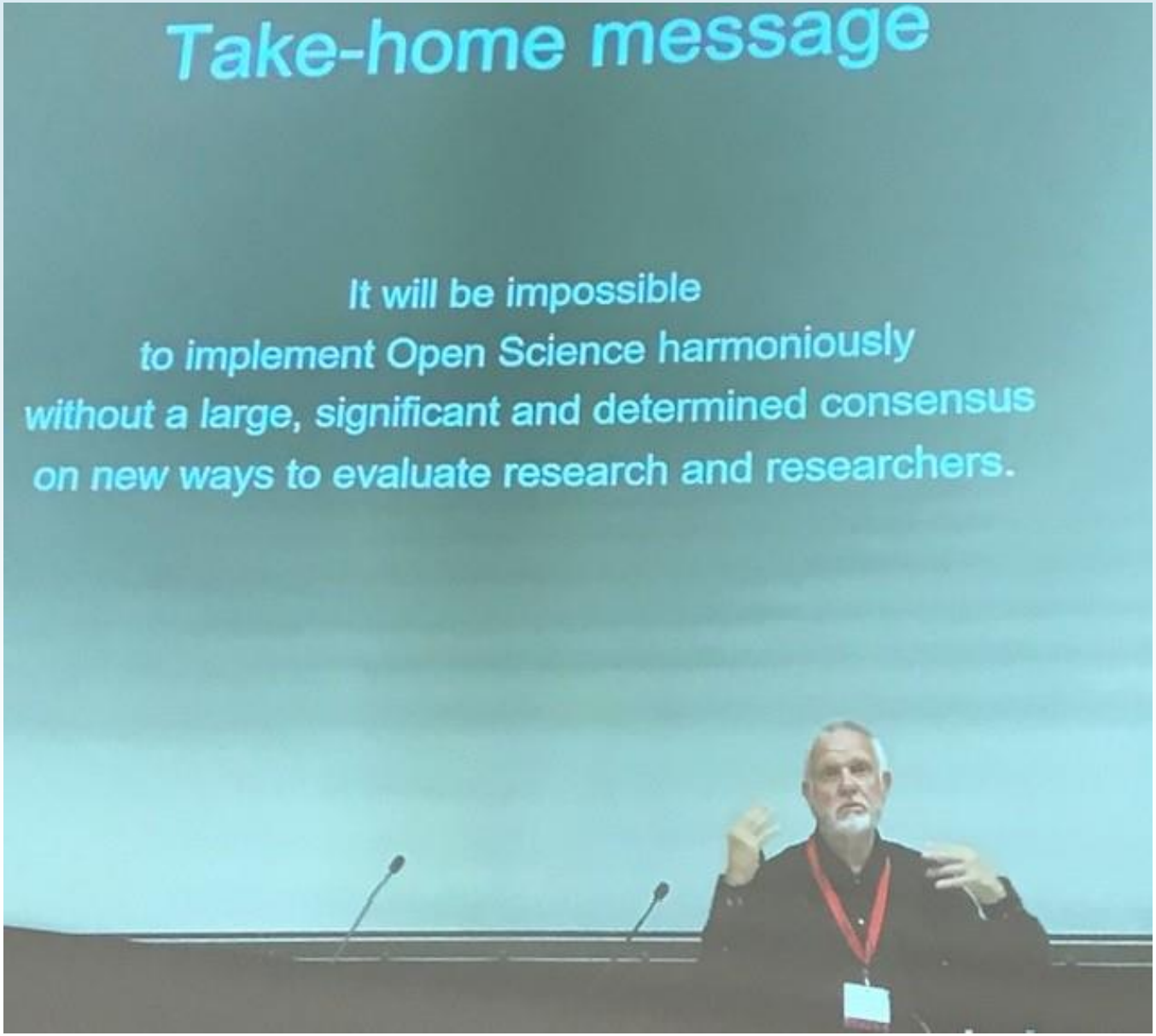
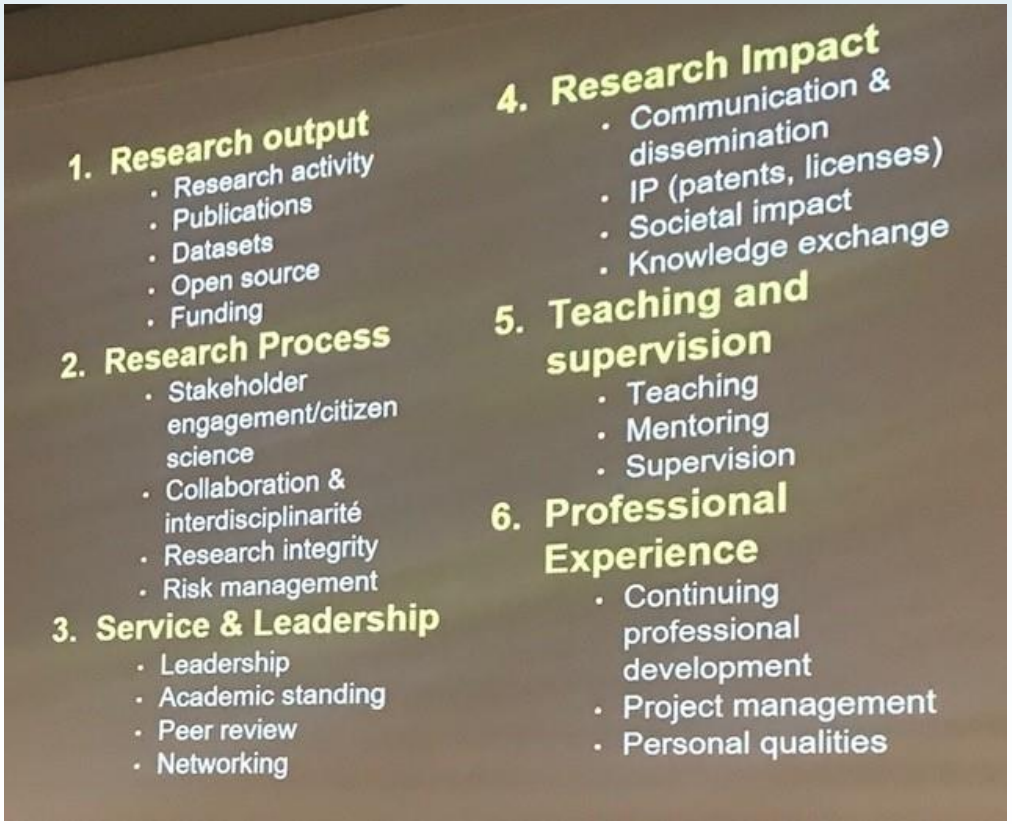


Professor Bernard Rentier, Rector Emeritus, University of Liège

OAI11, Geneva, 19-21 June 2019

Evaluating research careers in an Open Science landscape

- European Commission report on evaluating research careers in the context of Open Science
  - https://ec.europa.eu/research/openscience/pdf/os_rewards_wgreport_final.pdf
- 23 criteria identified for a rounded evaluation
- Matrix **not** metrics



San Francisco Declaration on Research Assessment; Leiden Manifesto

- Don’t use Numerical Values like Journal Impact Factors as a surrogate for academic quality
- Too many academic papers to read for appointments? Ask for best 5 to be submitted & read them
- Use bibliometrics only as an *adjunct* to qualitative assessment
- Base assessment of individual researchers on a qualitative judgement of their portfolio

Display at Blickling Hall, Norfolk

Rewards

- Insert Open Science principles into career frameworks
- Develop institutional policies for rewarding Open Science
- Apply to appointment, promotion and appraisal procedures
  - UCL has included openness into its new academic promotions framework
  - https://www.ucl.ac.uk/human-resources/sites/human-resources/files/ucl-130418.pdf

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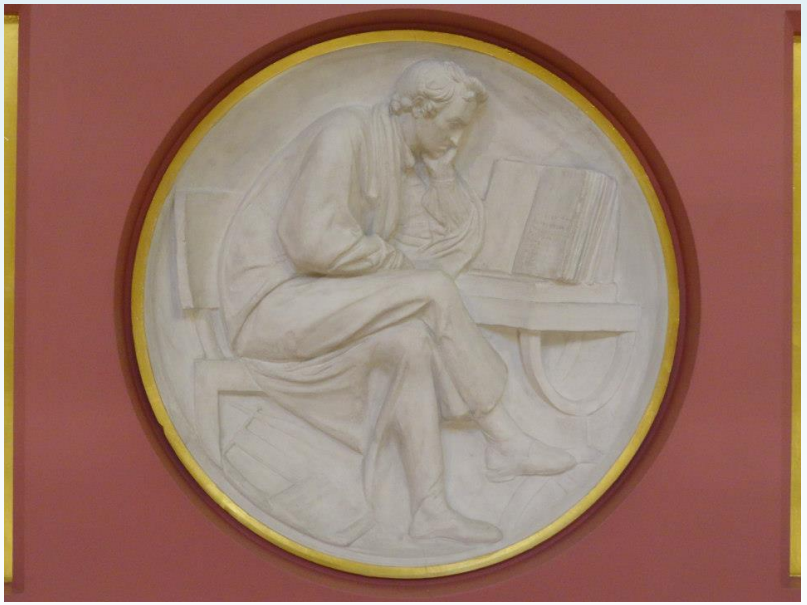

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LERU Leadership Statement

- LERU wants to underline the importance of the culture shift which is needed for the implementation of Open Science in universities, in particular with regard to Open Access publications. Plan S poses significant challenges for universities, not least in terms of managing costs
- Without a successful conclusion to the debate, a successful transition to Open Science will not be possible

https://www.leru.org/news/leadership-the-key-to-open-science-success

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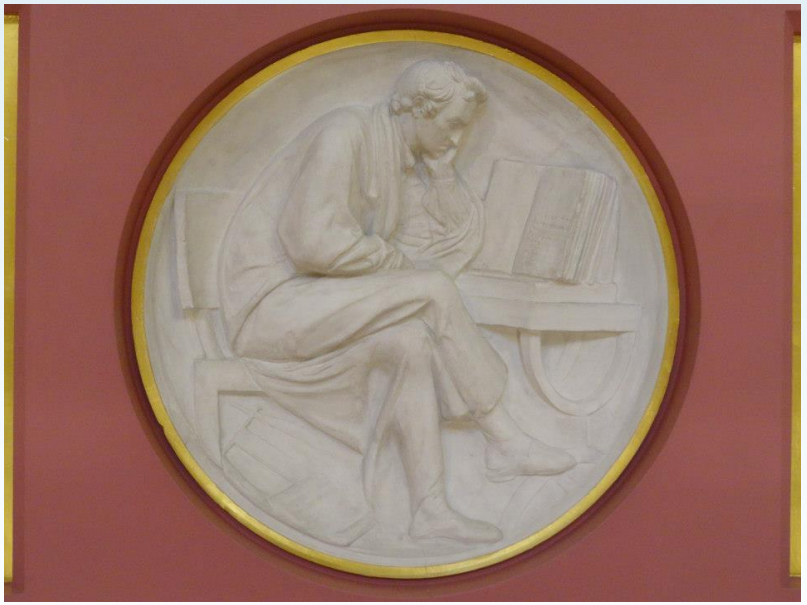

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Building the community

- OAI meetings in Geneva every 2 years
- https://indico.cern.ch/event/786048/

- https://www.focusopenscience.org/
- Workshops delivered at your door
- Open Science Crowd Helix – for partnerships and project bids
- E-mail openscience@crowdhelix.com to join

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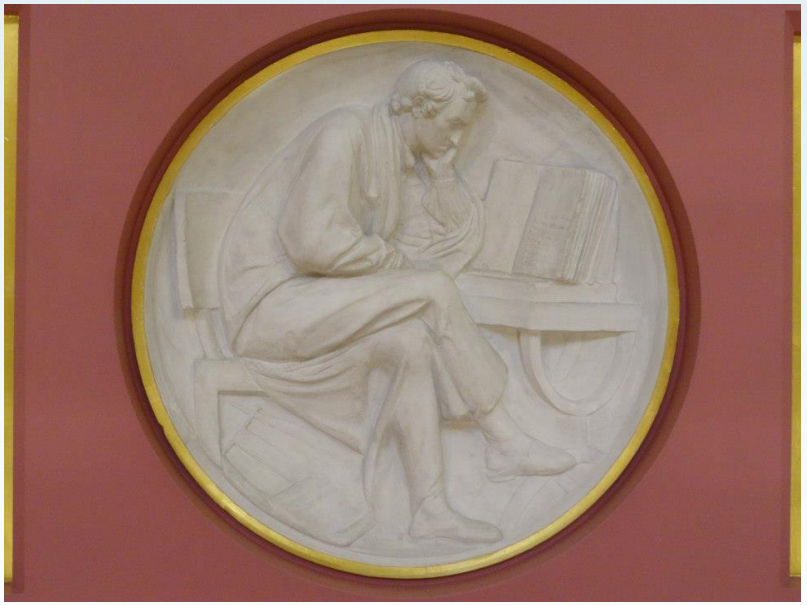

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Conclusion

- Open Science is good for the researcher
- Open Science is an opportunity, not a threat
- Whether Plan S will work remains to be seen

UCL Student Centre, opened 18/2/19