LERU and Open Science
About LERU

• Network of 23 Research-intensive universities in Europe

• Topics: European Research Area, Open Science, Horizon 2020, FP9 and Erasmus+

• 30 Groups (policy, themes, network, etc)

• Governing body: Rectors’ Assembly
The LERU universities are:

- University of Amsterdam
- Universitat de Barcelona
- University of Cambridge
- University of Copenhagen
- Trinity College Dublin
- University of Edinburgh
- University of Freiburg
- Université de Genève
- Universität Heidelberg
- University of Helsinki
- Universiteit Leiden
- KU Leuven
- Imperial College London
- University College London
- Lund University
- University of Milan
- Ludwig-Maximilians-Universität München
- University of Oxford
- Sorbonne University
- Université Paris-Sud
- University of Strasbourg
- Utrecht University
- University of Zurich
Information & Open Access Group

• Roadmap towards Open Access (2011)
• Roadmap for Research Data (2013)
• Chair:
  Paul Ayris (UCL)
Use & management of research results and data

- **Open Data**: FAIR data sharing is the default for funding scientific research
- **European Open Science Cloud**: All EU researchers are able to deposit, access and analyse European scientific data through the open science cloud, without leaving their desk. DSM strategy.
- **Altmetrics**: Alternative metrics (next generation metrics) to complement conventional indicators for research quality and impact (e.g. Journal Impact Factors and citations)
- **Future of scholarly communication**: All peer reviewed scientific publications are freely accessible and early sharing of different kinds of research outputs is encouraged

Research actors (researchers, institutions and funders)

- **Rewards**: The European research career evaluation system fully acknowledges Open Science activities
- **Research Integrity**: All publicly funded research in the EU adheres to commonly agreed Open Science Standards of Research Integrity
- **Education and skills**: All young scientists in Europe have the necessary skills and support to apply Open Science research routines and practices
- **Citizen Science**: Citizens significantly contribute and are recognised as valid knowledge producers of European science
Advice Paper on Open Science by Paul Ayris e.a.

- Future of Scholarly Publishing
- EOSC
- FAIR data
- Skills
- Research Integrity
- Rewards
- Responsible Use of Metrics
- Citizen Science
LERU’s Roadmap for institutions (1)

• Overall: approach open science as a cultural change with a programme, a champion and advocacy activities.

• Install a mandate, institutional roadmap, promote ORCID and consider new publishing platforms.

• Implement an RDM policy, support services and training; and facilitate research data discovery. Collaborate!

• Move to sign the EOSC Declaration over time.
LERU’s Roadmap for institutions (2)

- Integrate Open Science concepts, thinking, and its practical applications in educational and skills development.
- Integrate Open Science dimensions in HR and career frameworks.
- Develop a bibliometrics policy grounded in the principles of the Leiden Manifesto
- Have a research integrity code which embraces the principles of open science
- Recognise citizen science as an evolving set of research methods, as well as its societal and educational benefits.
LERU Supports Open Science and PlanS

31.05.2019
Leadership – the key to Open Science success

31.05.2019
Plan S – ‘The best way to predict your future is to create it’ (Abraham Lincoln)
LERU’s Feedback on first version Guidelines PlanS (1)

• The timescales for implementing Plan S should be lengthened because of the legally binding multi-year contracts with publishers.
• Active and engaged support of countries outside of Europe are key to ensuring its success.
• Be clear on what constitutes a ‘transformative deal’.
• Plan S and the Plan S Guidance should give Gold OA journal and article publishing with APCs and new publishing platforms and/or Green Open Access repositories equal attention.
• The demands placed on Green Open Access repositories by Plan S are considerable; in the same spirit, funded publishers should be required to oblige to use ORCID.
• Engage with academic body and Learned Societies.

LERU’s Feedback on first version Guidelines PlanS (2)

• Researchers need clarity on how the funding agencies behind Plan S will judge the quality of research project applications (for project proposals) and the quality of researchers (for grants).
• Universities need clarity on the impact that Plan S will have on career progression, particularly for Early Career Researchers.
• Different approaches in different subject communities in different parts of the world would help deliver Plan S principles more effectively.
• An encouraging Next Step would be for the promoters of Plan S to undertake further engagement with all stakeholders and to work with them, proactively to deliver a plan for a global information commons, grounded in Open Access principles, which will effect a full transition to OA.
Leadership – the key to Open Science success

Based on the Advice Paper on Open Science

Defines Open Science as a culture change, in which

“All stakeholders in the Open Science landscape need to play their part for it to succeed – researchers, educators, Professional Service staff, University leaders, research funding organizations, editors, publishers, and Learned Societies.”
LERU Open Science Action Planning (1)

All institutions:

• Appoint an Open Science Champion and install an OS Cttee
• Mandate ORCID use
• Review internal publication policies against HorizonEurope requirements
• Take action on the topic of Rewards & Incentives for researchers
• Compulsory Doctoral School education and skills development in Open Science
• Create an ad hoc Open Science Implementation Group
LERU Open Science Action Planning (2)

LERU:

• Adopt an Alternative Publishing Platforms Model for LERU members, and other universities, to establish alternative publishing platforms and to investigate how, through collaboration, costs could be lowered by being shared

• Create an ad hoc LERU Open Science Implementation Group
Ad Hoc LERU Implementation Group for Open Science

Chairs of the LERU Groups:

- INFO (Paul Ayris, UCLondon, chair)
- Careers of Researchers (Bert Overleat, KU Leuven)
- Vice rectors Research (David Price, UCLondon)
- Research Integrity (Ton Hol, Utrecht)
- Doctoral Studies (David Bogle, UCLondon)
- Enterprise and Innovation (Koenraad Debackere, KU Leuven)
- Mireille van Eechoud, professor of Law, UvAmsterdam
- Kurt de Ketelaere, LERU Office
- Alain Smolders, LERU Office
Open Science Developments in the LERU Institutions

(as in other institutions..)

• Are often driven by national agenda’s (or the lack of one)

• The pace and priorities is very different (Scandinavia, UK, Netherlands forerunners)

• The involvement of national governments and policy makers is varied

• The position of libraries on a national level varies
Open Access Strategies

• *LERU Roadmap Towards Open Access (2011)* found most universities favoured Green (because of the costs?)

• UK, Netherlands’ strategies are mainly Gold OA.. but have recognized that only gold will not bring 100% OA

• Diverse degree of support for PlanS Research Funders in the different countries (Germany is not ‘in’ ...yet?)
The Netherlands: Five OA segments

- Negotiations with publishers
- International collaboration
- OpenAccess.nl
- Alternative publication platforms
- Monitoring
- Archiving (deposit)
Any questions?