

ilifu

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Open Science, Legal and Ethical
issues in data-intensive research:
Overview of the ilifu Research Data
Management Policy

Users Engagement Workshop
29 March 2019

Presentation outline

- Objectives & scope
- Open Science
 - SA-EU Open Science Framework dialogue
 - Draft 2018 STI White Paper
- Legal Framework /Regulations
- Authorisation for reuse & Data discovery
- Ethics
 - Research Ethics Policies – Institutional & Discipline-specific
 - Data Citation
- Conclusion

Project scope and objectives

- Objectives
 - Identify the legal and ethical aspects related to open science in the fields of Bioinformatics and Astronomy;
 - Identify the relevant existing ethics and regulatory frameworks;
 - Investigate practices adopted by researchers
- Coverage
 - Open science, data discoverability, data citation, reuse, ethics, end user agreements and access to the data

Developments in Open Science

- What is Open Science
 - Taxonomy
- SA-EU Open Science Framework dialogue
- Draft 2018 STI White Paper

Legal Framework & Regulations

- Intellectual property
- Copyright
- Freedom and security of the person
- Data privacy
- Freedom of expression
- Access to information

UNDERLYING APPLICABLE LAWS/REGULATIONS

- *Popi Act, **GDPR**, IP Act, Copyright Bill, DST Open Science Framework, STI White Paper, Institutional & Discipline Research Ethics Policies*

Authorisation for Reuse and Data Discoverability

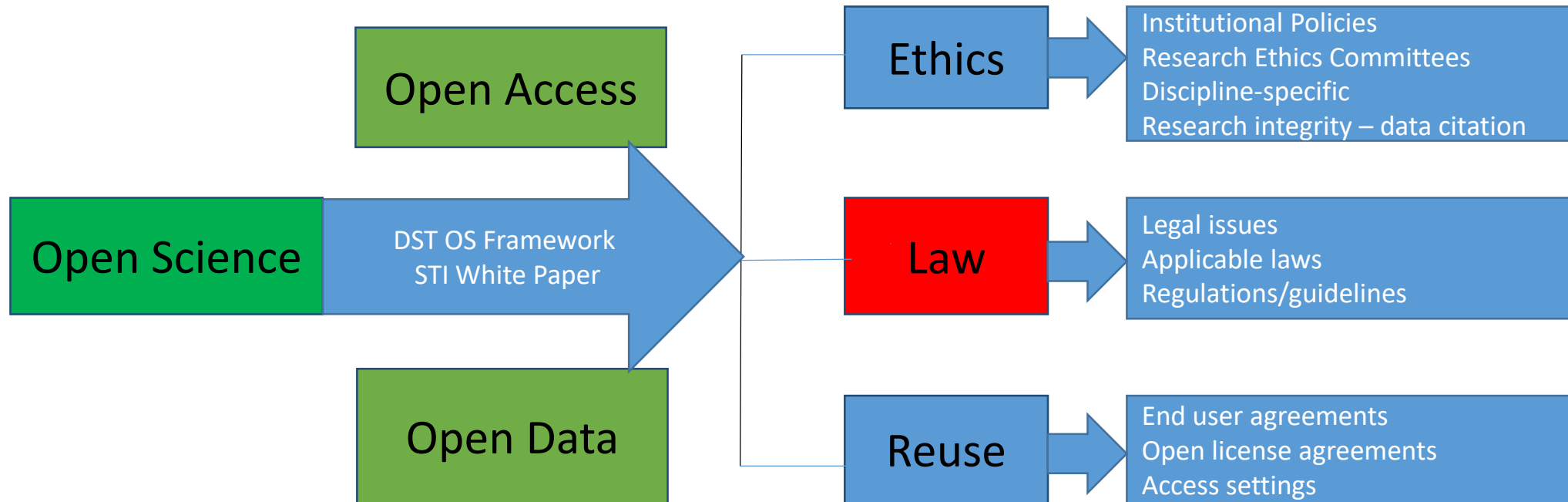
- What is data reuse
- Open license agreements
- How do you chose license agreement
- International standards i.e. DOIs
- Embargoes, access controls, permissions or licences
 - Confidentiality
 - Reuse permissions
 - Commercial interests

Ethics

- Institutional Research Ethics Policies
- Discipline-specific ethics policies/guidelines (missing)
 - Code of Conduct for responsible Research – WHO
 - DoH Ethics in Health Research
 - Bioethics
- Data Citation
 - Discoverable and citable by means of the DOI
 - Recommended - Australian National Data Service (ANDS)

Conclusion

Open Science, Open Access/Data, Ethics, Legal and Authorisation (OSADELA)



Thank You

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