



EOLE Wednesday 17 February 2021

# OPEN SOURCE IN OPEN SCIENCE

OR HOW TO FACILITATE TECHNOLOGICAL TRUST PRODUCTION

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# HOW DOES OPEN SOURCE FIT IN OPEN SCIENCE?

Extending the principles of openness to the whole research lifecycle

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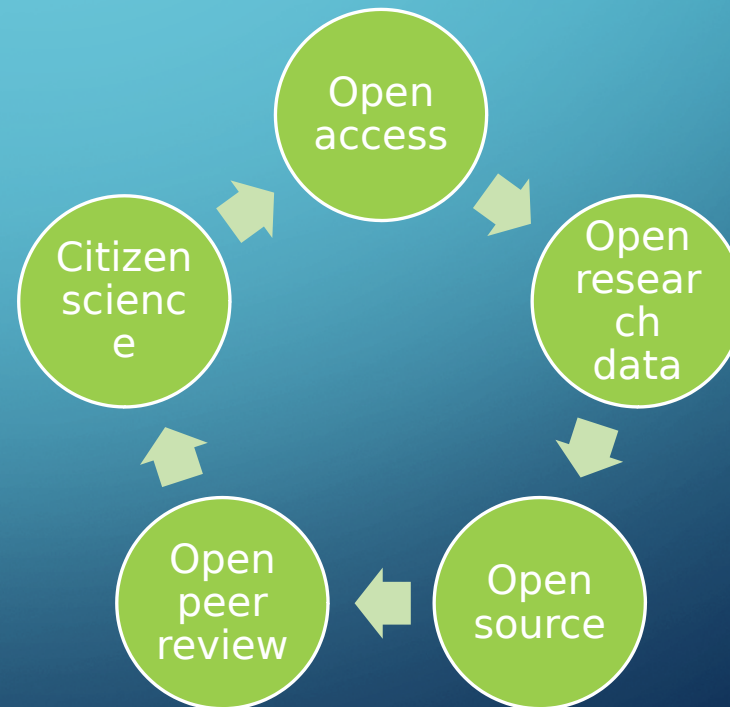
- Transparency
- Verifiability
- Sharing
- Collaboration
- Trust



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# DEFINING OPEN SOURCE: CODE, PRINCIPLES, AND LICENSING

What it is:

**Software:** released to the public with possibility to inspect and review the code shared, or use/modify/add on it.

**Set of principles:** Free redistribution, non discrimination, freedom to derive works, maintain integrity of author's work.

**Licensing:** Open source licenses are licenses that comply with the Open Source Definition—they allow software to be freely used, modified, and shared.

For example: Apache License, MIT License, Mozilla Public license, etc.

# OPEN SOURCE IN THE APPLICABLE NORMATIVE FRAMEWORK

In France:

- Loi pour la République numérique- Digital Republic bill

In Europe:

- European Commission Digital Strategy plan
- Open Source Software strategy

Transnational private ordering,  
applied on top of the applicable  
normative framework

- Variety of Open Source licenses



# BETWEEN THEORY AND PRACTICE OPEN SOURCE POINTS OF FRICTION

- Public policy development



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- Public policy development
  - Infrastructure and governance
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# BETWEEN THEORY AND PRACTICE

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- Public policy development
- Infrastructure and governance
- License Standardisation

# BETWEEN THEORY AND PRACTICE

## OPEN SOURCE POINTS OF FRICTION

- Public policy development
- Infrastructure and governance
- License Standardisation
- Enforcement



# FIN!

THANK YOU!

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