



# Open Science

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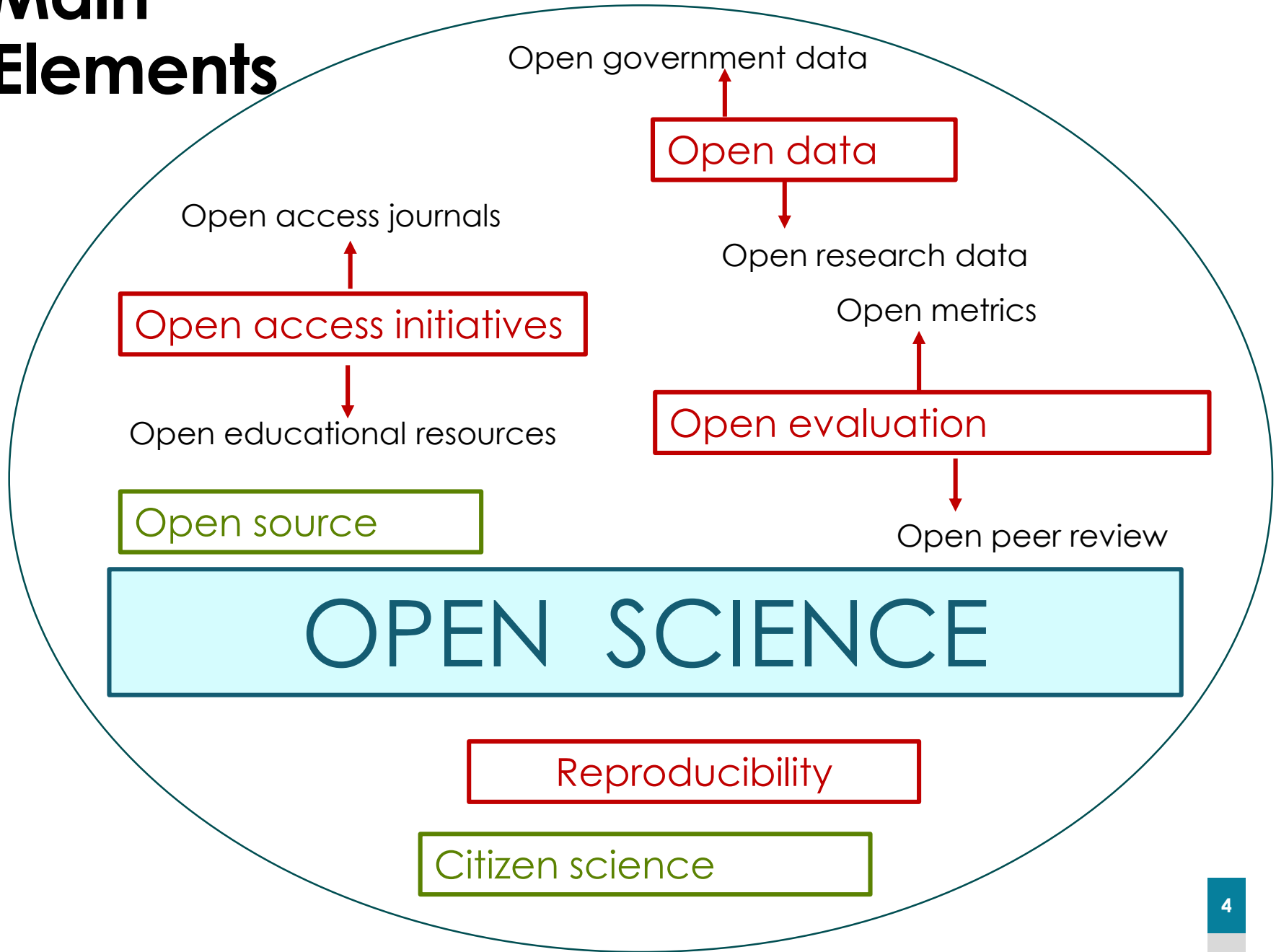
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# What is Open Science?

“In a nutshell, Open Science describes an on-going movement in the way research is performed, researchers collaborate, knowledge is shared, and science is organised. It affects the whole research cycle and its stakeholders, enhances science by facilitating more **transparency, openness, networking** and **collaboration**”

Source: OpenAIRE <https://www.openaire.eu/what-is-open-science> 30/1/2020

# Main Elements



# Open Science Policies and Statements



- **European Commission:** Specific platform and recommendations
- **Funders:** H2020
- **Organizations:** LERU (2018), LIBER (2018)...

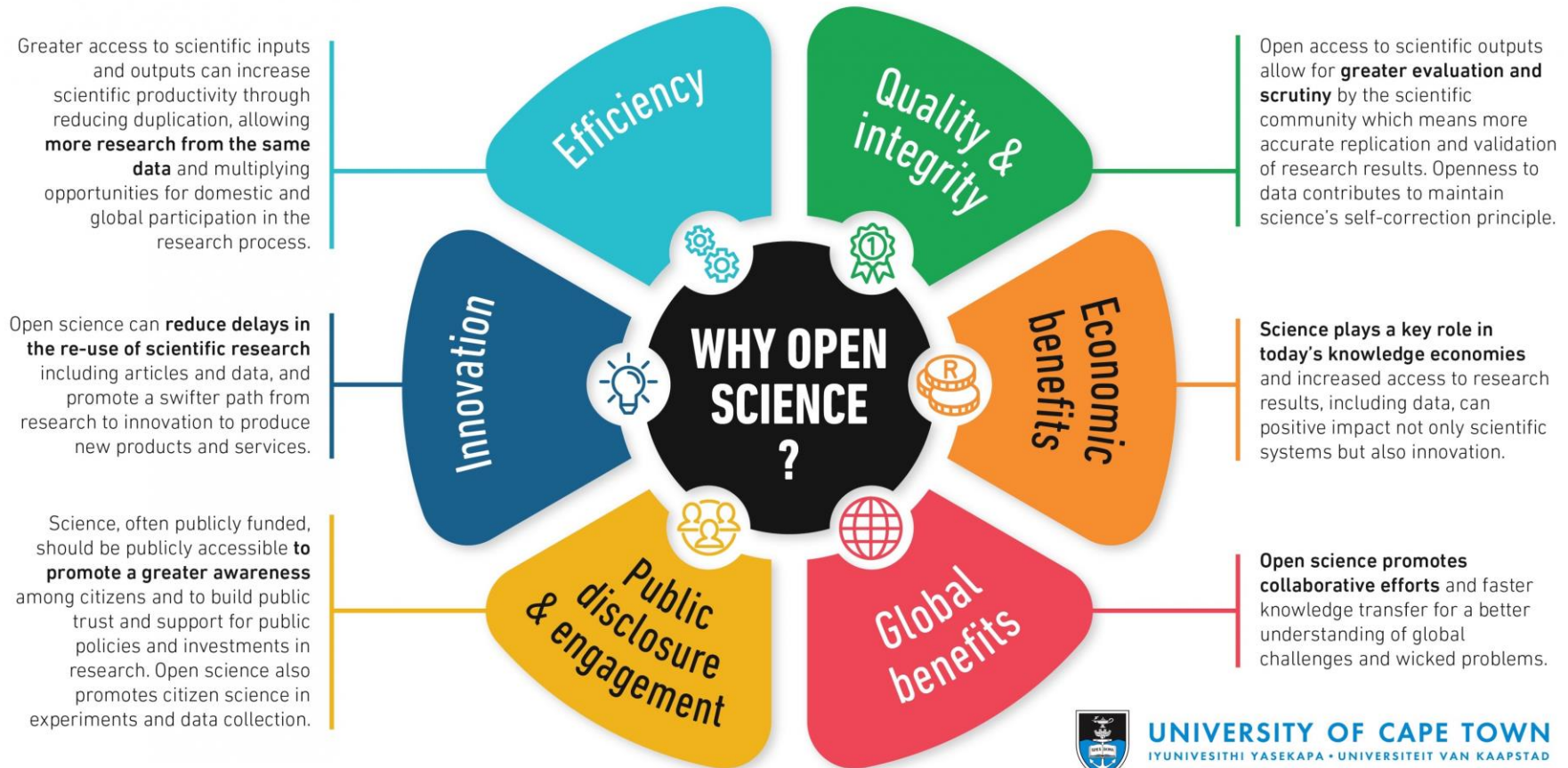


- **National Plans:** Spanish Science law (2011), Open Science Statement (CRUE 2019)



- Institutional **Open Access** Policy <https://ddd.uab.cat/record/89641> (2012)
- Institutional **Research** Data Policy (Foreseen 2020)

# Benefits



**UNIVERSITY OF CAPE TOWN**  
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GRAPHICS BY GAELIN PINNOCK

Source: <http://www.researchsupport.uct.ac.za/why-open-science>

# Benefits for researchers

➤ Greater visibility and reach



➤ Increased efficiency

Source: <https://pixabay.com/es/vectors/multitud-masa-personas-sombras-306135/>

➤ Funding



CC-0

➤ Collaboration/networking



Source: Opensource.com

*“Open Science represents a paradigm shift in the way science is conducted that involves performing all stages of scientific research with an open vision”*

**Font:** Abadal, E. i Anglada, Ll. Ciencia Abierta: Cómo han evolucionado la denominación y el concepto. *Anales de Documentación*, 2020, vol. 23, nº1,. Disponible en: <https://revistas.um.es/analesdoc/article/view/378171>



# Openness throughout the entire research cycle

Stages of scientific research	Openness
Hypothesis	Consider funder's requirements
Data collection	Clarify usage rights Ensure that you give credit through citations
Processing	Use open source software and open interfaces
Long-term preservation	Use right services
<b>Publication and distribution</b>	Use institutional repositories Use open evaluation Ensure links between publications and data Publish metadata with an open license
Reuse	Clear citations

# The library supports your role as a researcher

❑ Provide research data information: Data Management Plan, Repositories ...

❑ Deposit publications and datasets



<http://ddd.uab.cat>

❑ Provide information literacy education

❑ Ensure compliance with regulations

❑ Verify and enrich metadata quality

❑ Organize training courses and information



Open Science **Micro-MOOC**  
<https://twitter.com/moocmicro>

“Science must be opened, because science opens everything else”

Source: Open Science <https://twitter.com/openscience/status/799537171086635009>



# Thank you!

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