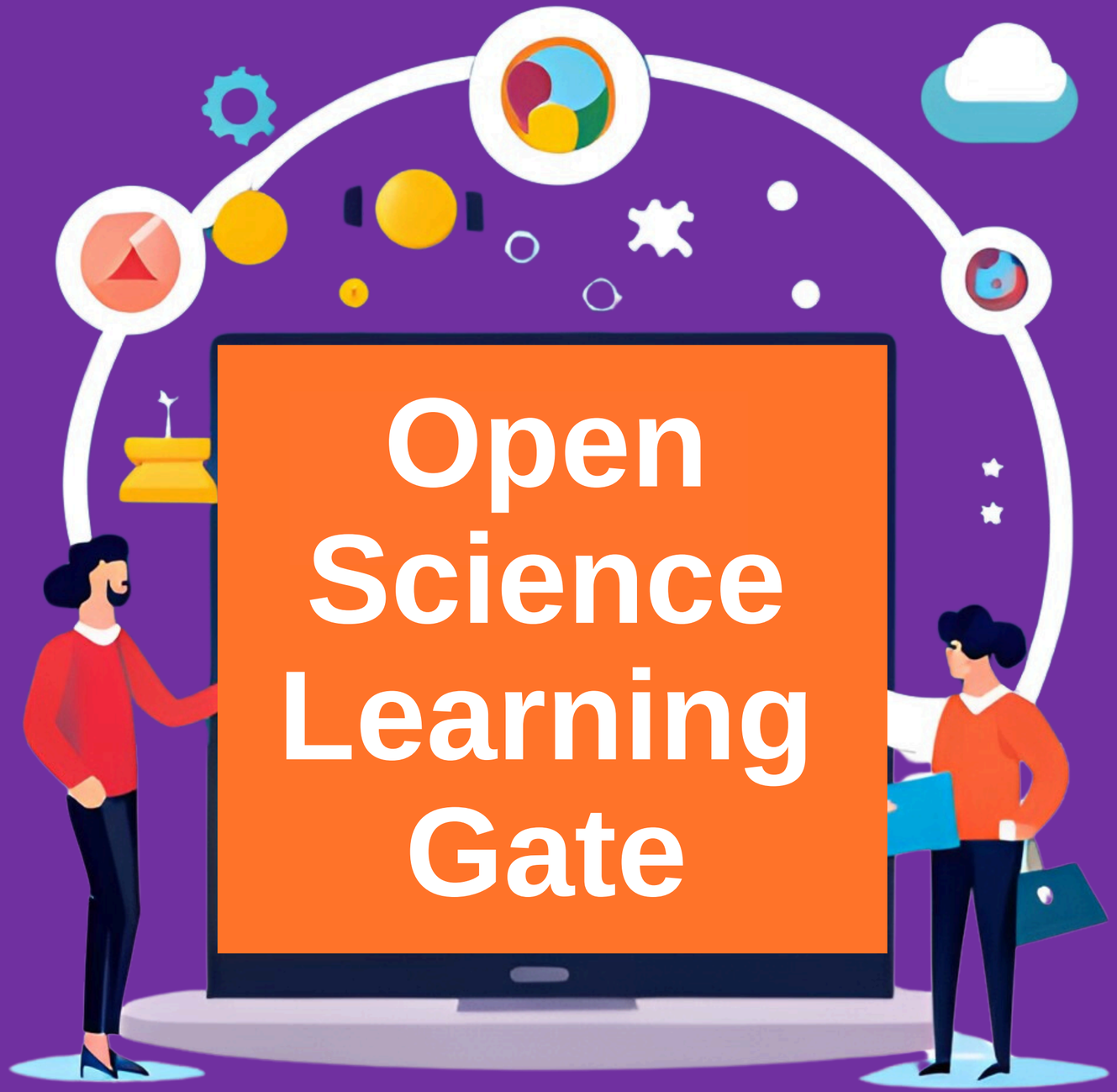

Open Science Learning Gate

NERQ
NETWORK FOR EDUCATION AND RESEARCH QUALITY

A joint endeavour by the NERQ_OS

Julia Priess-Buchheit, Marie Alavi, Joeri K. Tijdink, Katharina Miller, Ruth Moran, Varga Orsolya, Maruxa Martinez, Ulf Tölch, Sean Lacey, Peter Eduard, Anita Lunić (and more from NERQ_OS Group)

The GATE - Starting point

NERQ
NETWORK FOR EDUCATION AND RESEARCH QUALITY

? ***What are the standards of OS?***

Need for **tailored OS training resources** for various stakeholders of the scientific community.

OS training must address
- **Research Integrity**
- **Research Ethics** and
- **Ethics of AI** operating with OS

as an overarching umbrella.

Figure: Adapted from *EOSC's definition of Actors in the EOSC Ecosystem (1)*

(1) European Commission, Directorate-General for Research and Innovation, Manola, N., Lazzeri, E., Barker, M. et al., Digital skills for FAIR and Open Science – Report from the EOSC Executive Board Skills and Training Working Group, Manola, N.(editor), Lazzeri, E.(editor), Barker, M.(editor), Kuchma, I.(editor), Gaillard, V.(editor), Stoy, L.(editor), Publications Office, 2021, https://data.europa.eu/doi/10.2777/59065, p.17;

The GATE - Intersection for high quality OS training by NERQ

NETWORK FOR EDUCATION AND RESEARCH QUALITY

Community legitimacy

- **Collecting & disseminating** OS principles from/to community

RESEARCH INTEGRITY
RESEARCH ETHICS
ETHICS in AI operating with OS

Researchers	Educators
Accountability	esty, Equity & Fairness
As open as possible - as closed as necessary	en research: ata, Access, Code, OER, ource etc.
Data protection & IPR	ansparence
FAIR data & other outputs	stainability
Honesty, Equity & Fairness	Reusability
and more (see GATE-SERVICE)	more (see GATE-SERVICE)

The GATE - Intersection for high quality OS training by NERQ

NETWORK FOR EDUCATION AND RESEARCH QUALITY

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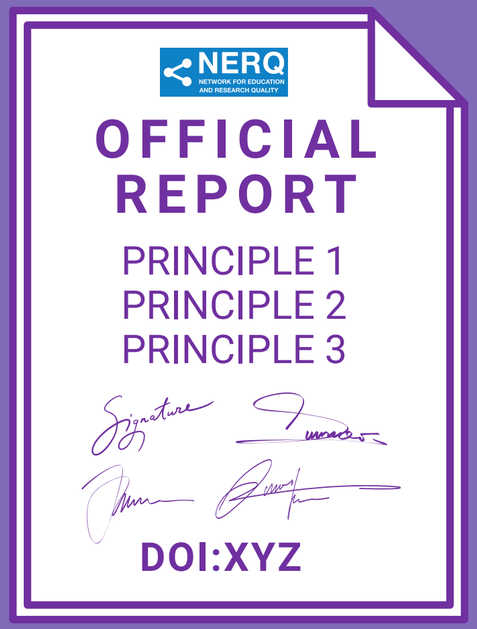
- **Collecting & disseminating** OS principles from/to community
- **Annual** report on **majority nominations**



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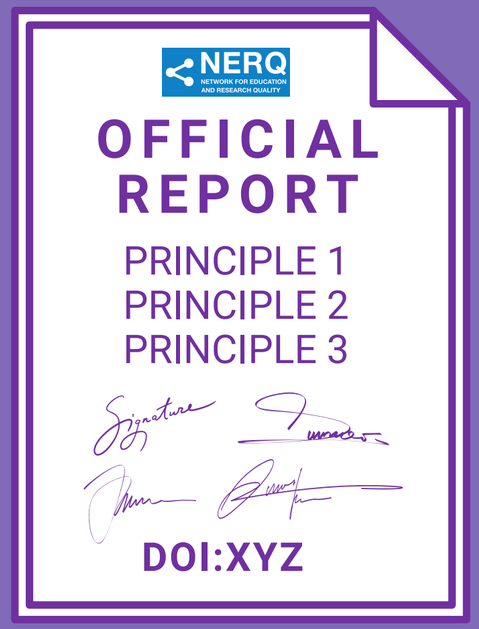

Brand recognition

- **Badging for** high quality training covering OS principles feasible

The GATE - Intersection for high quality OS training by NERQ

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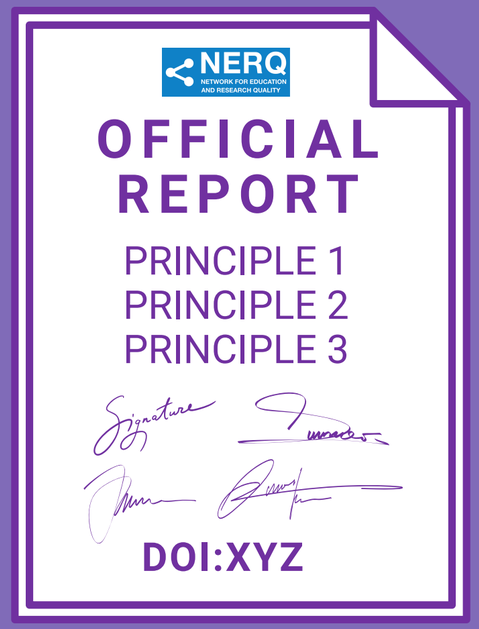

BADGING PROCESS

1 **SCREEN** your training

2 **PROVIDE** your principles

3 **LEARN ABOUT** principles **& AMEND** your training

4 Get your training **BADGED**

5 **SUBMIT** to the **Gate**
- ➡ DOI
- ➡ Versioning & Updating

6 **USE** the **Gate** for training

The GATE

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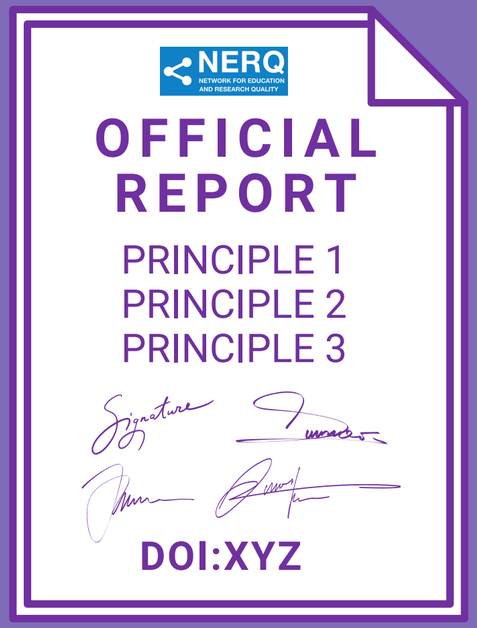
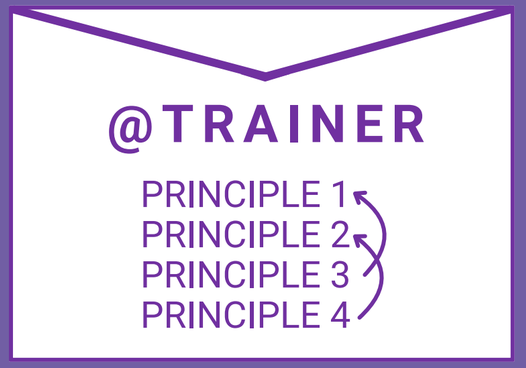


Continuous harmonization of OS standards

- **Updating trainers**



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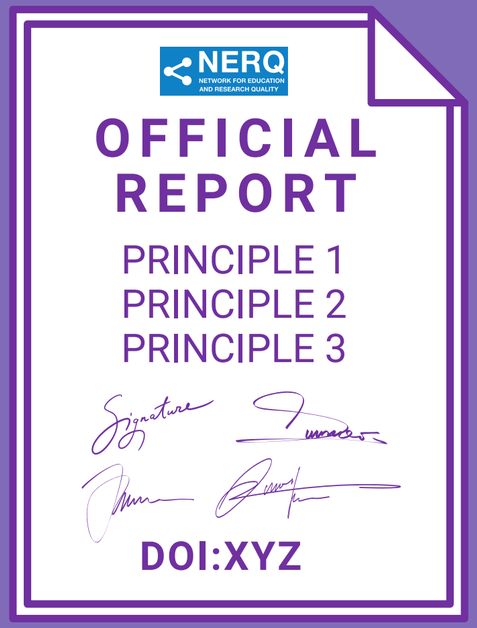

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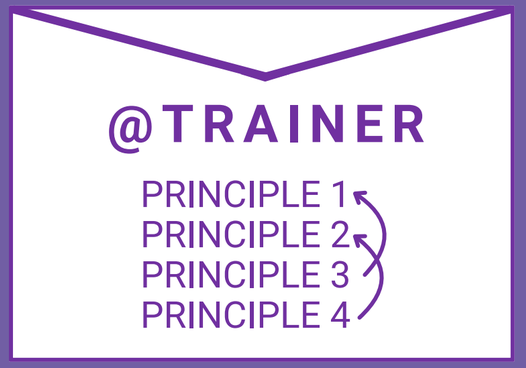

Ongoing evaluation of the GATE service & status quo of named OS principles based on community consensus

- ➡ high quality for learners
- ➡ trainers keep up to date

Brand recognition

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