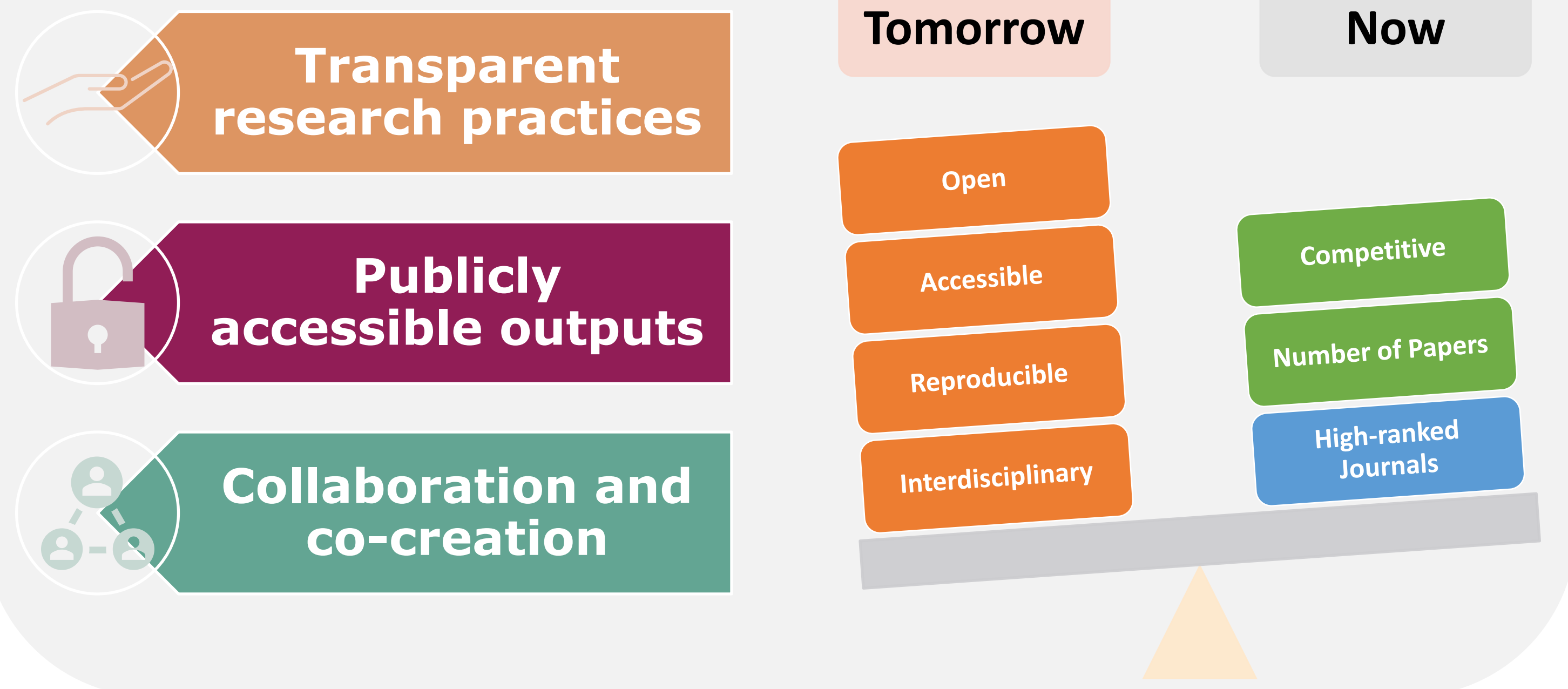


Open Science

Towards more transparent, inclusive, and collaborative research

Introduction

What is Open Science?



Dutch and European Context

NPOS –The National Programme Open Science:

- Goal: **By 2030**, all publicly funded research in the Netherlands will be open by default.
- Supported by Dutch universities, funders, and ministries

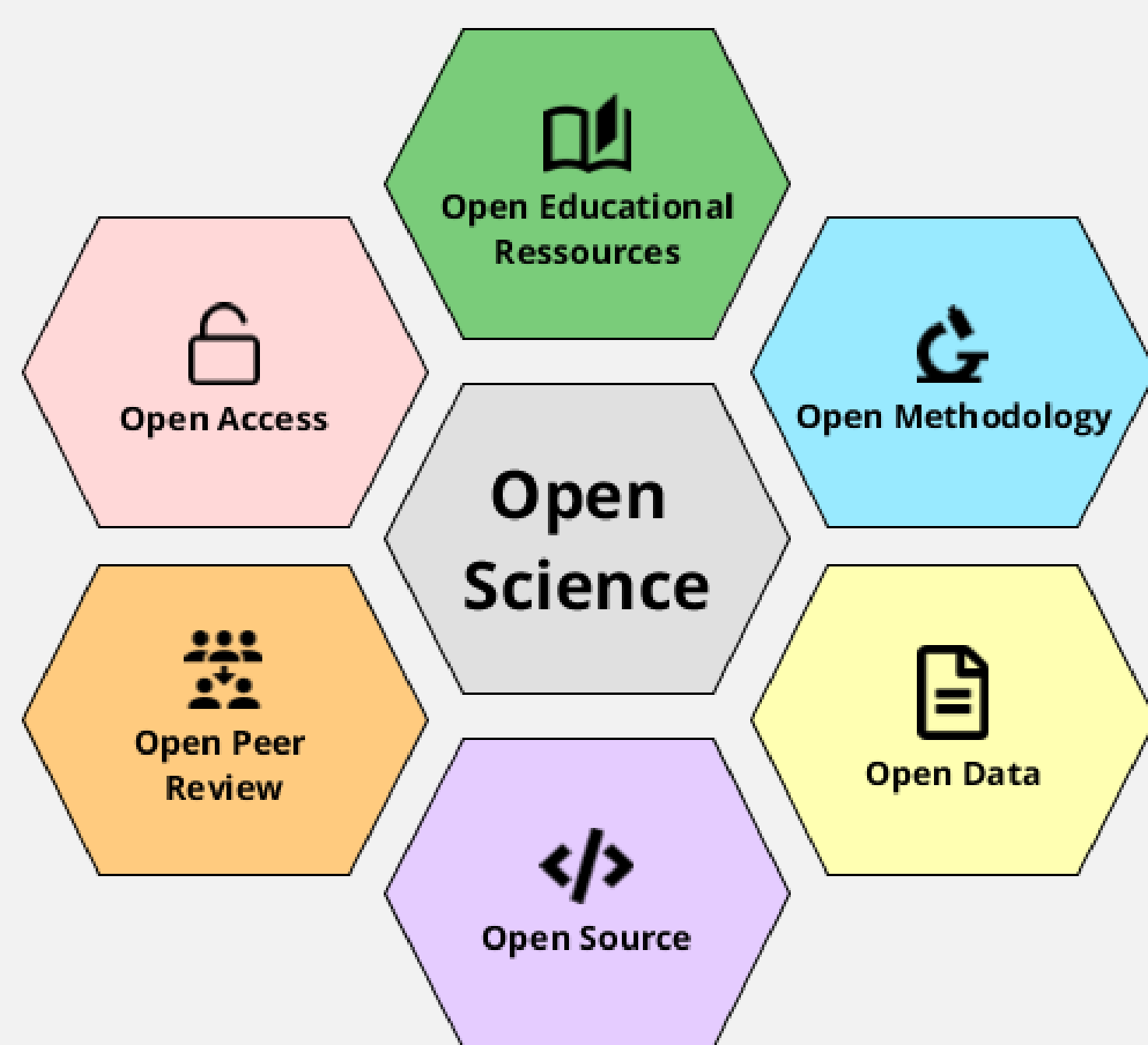
European Commission & Horizon Europe:

- Open Access** to all peer-reviewed publications funded by Horizon Europe
- Data Management Plans (DMPs)** required for projects involving research data
- Encouragement of **Open Data**, **Open Source**, and **Citizen Science**



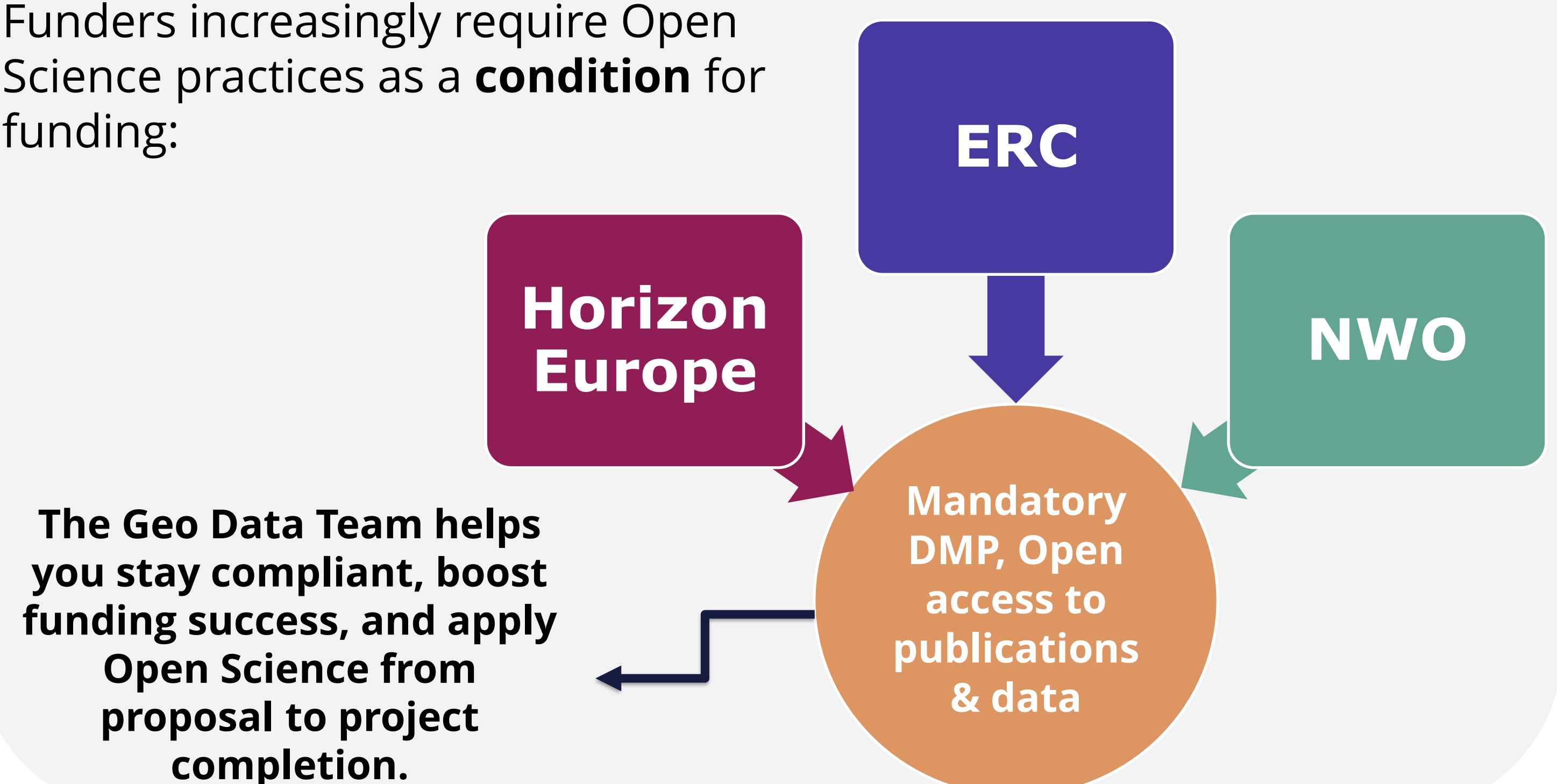
Open Science Pillars

- Open Access** → Free to publish & read
- Open Data** → Share for reuse and transparency
- Open Source** → Reproducibility through code sharing
- Open Peer Review** → Share early, gain feedback
- Open Educational Resources** → Teaching materials freely available to reuse and adapt
- Open Methodology** → Transparent sharing of how research is done

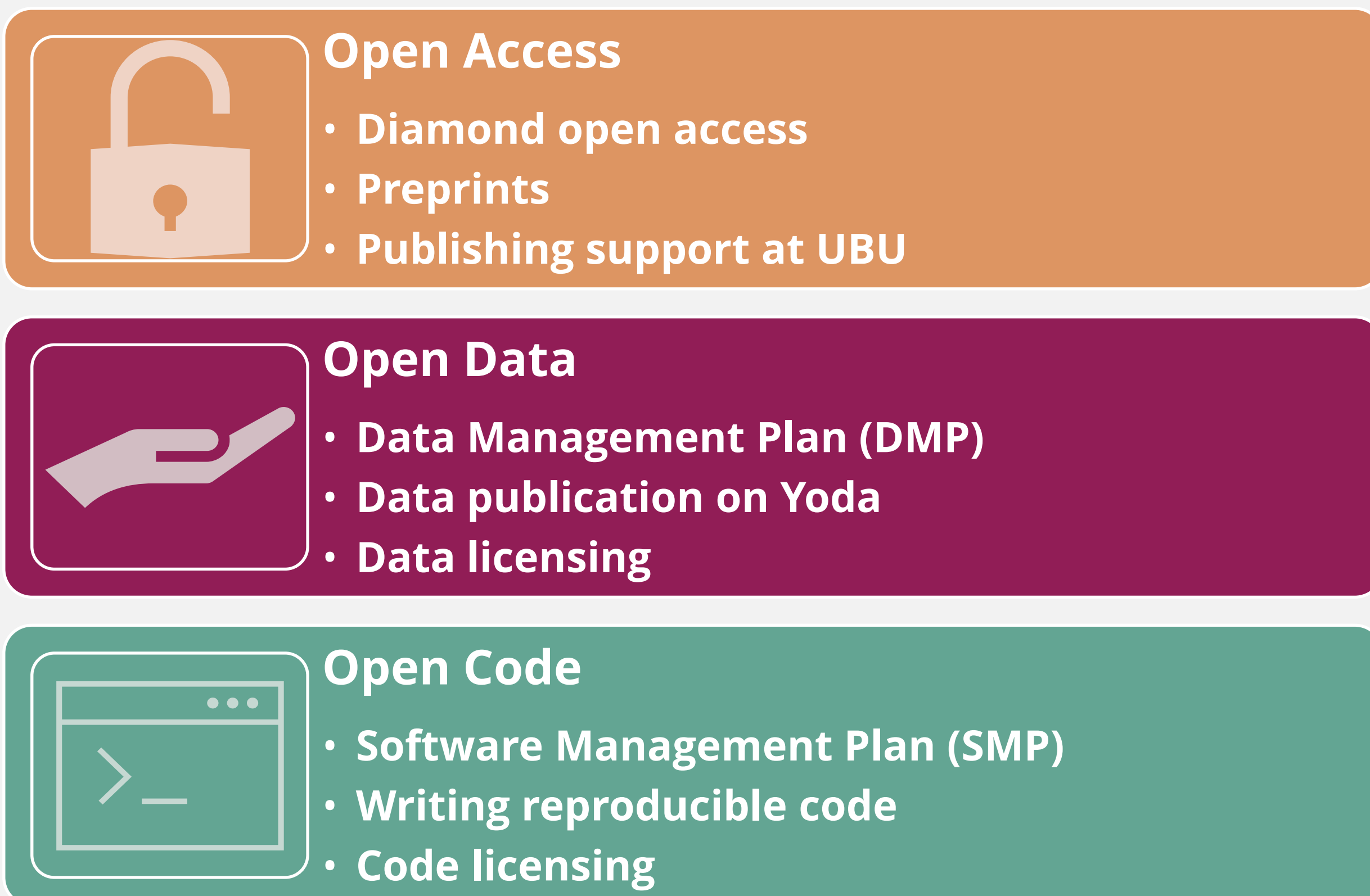


Open science in funding & research proposals

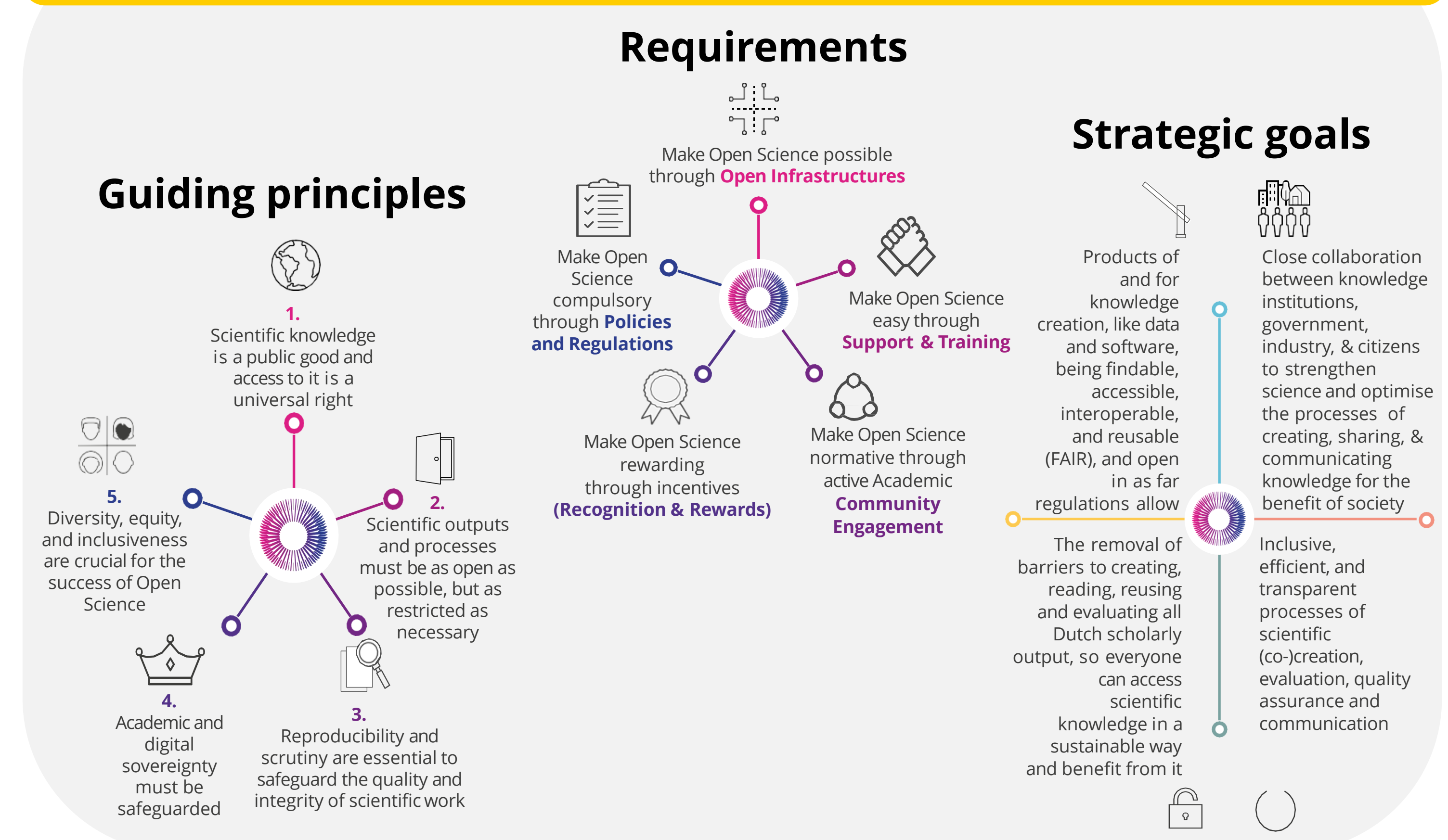
Funders increasingly require Open Science practices as a **condition** for funding:



Open Access, Data, and Code



NPOS Principles, Requirements & Goals



Our support at the Faculty

Reviewing grant proposals

Reviewing DMPs & SMPs

Writing reproducible code

Ethics approval & other compliance documents

Using IT infrastructures

Data publication

Open Science training and tools