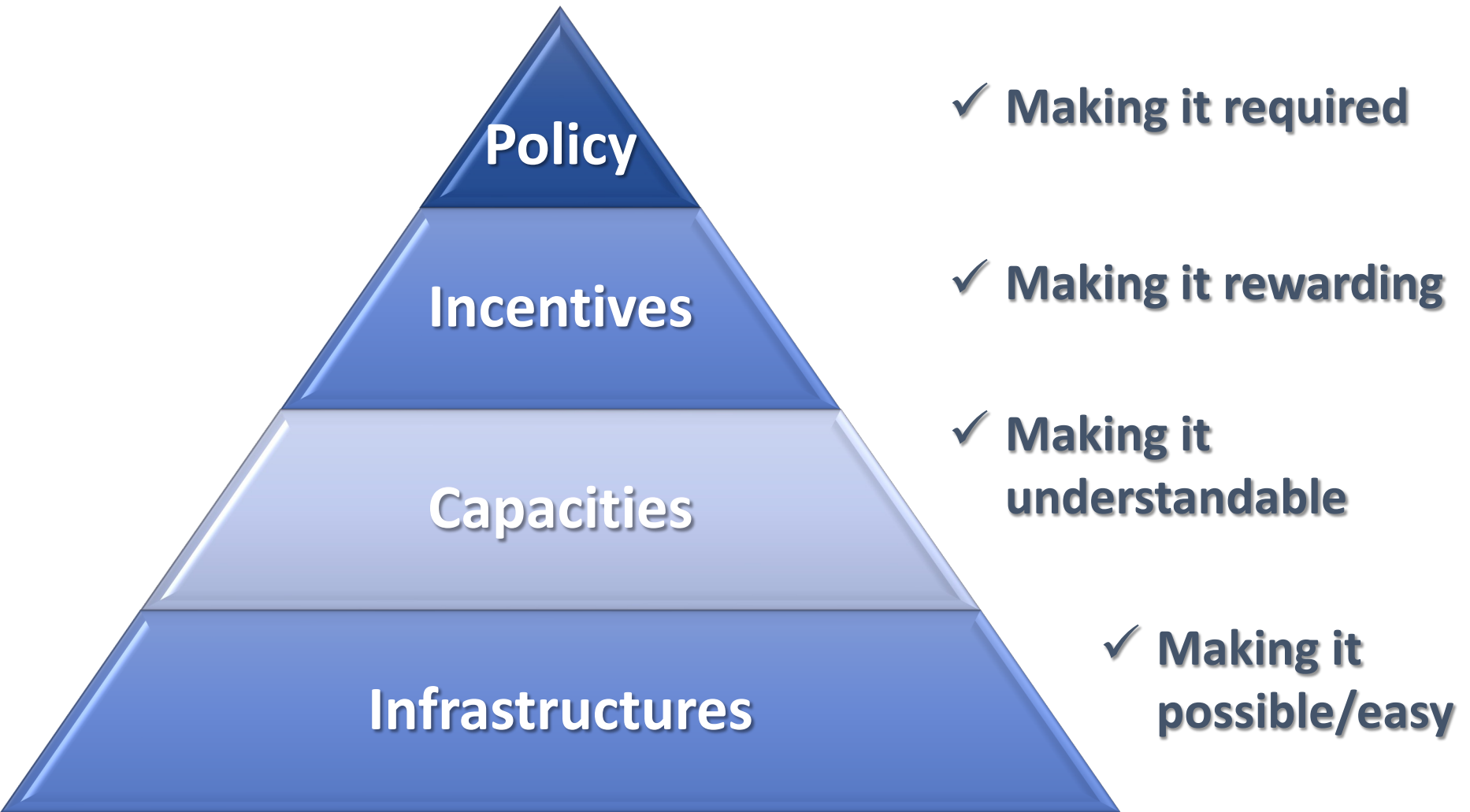




# How Open Science?



Based on Centre for Open Science's strategy for cultural change

# UNESCO Recommendation on Open Science

**Need for an international policy and action framework**

**Need for a common definition of open science, shared set of values and principles**



In 2021, at the UNESCO 41st General Conference, 193 Member States adopted the first international standard-setting instrument on open science in the form of a

**UNESCO Recommendation on Open Science.**

# Highlights of the Recommendation

- ❖ It is the first **international normative instrument** on Open Science;
- ❖ it contains the first **internationally agreed definition** of Open Science;
- ❖ it spells out the consensus **core values and guiding principles** of Open Science;
- ❖ it addresses **multiple actors and stakeholders** of Open Science;
- ❖ It recommends **actions on different levels** to operationalize the principles of Open Science;
- ❖ it proposes **innovative approaches for Open Science at different stages** of the scientific cycle;
- ❖ it calls for development of a **comprehensive Open Science monitoring framework**.



# Open Science: Definition

Open science increases scientific collaborations and sharing of information for the benefits of science and society

**OPEN SCIENCE**

makes multilingual scientific knowledge openly available, accessible and reusable for everyone

opens the processes of scientific knowledge creation, evaluation and communication to societal actors beyond the traditional scientific community.





# Open Science: Common Action Plan

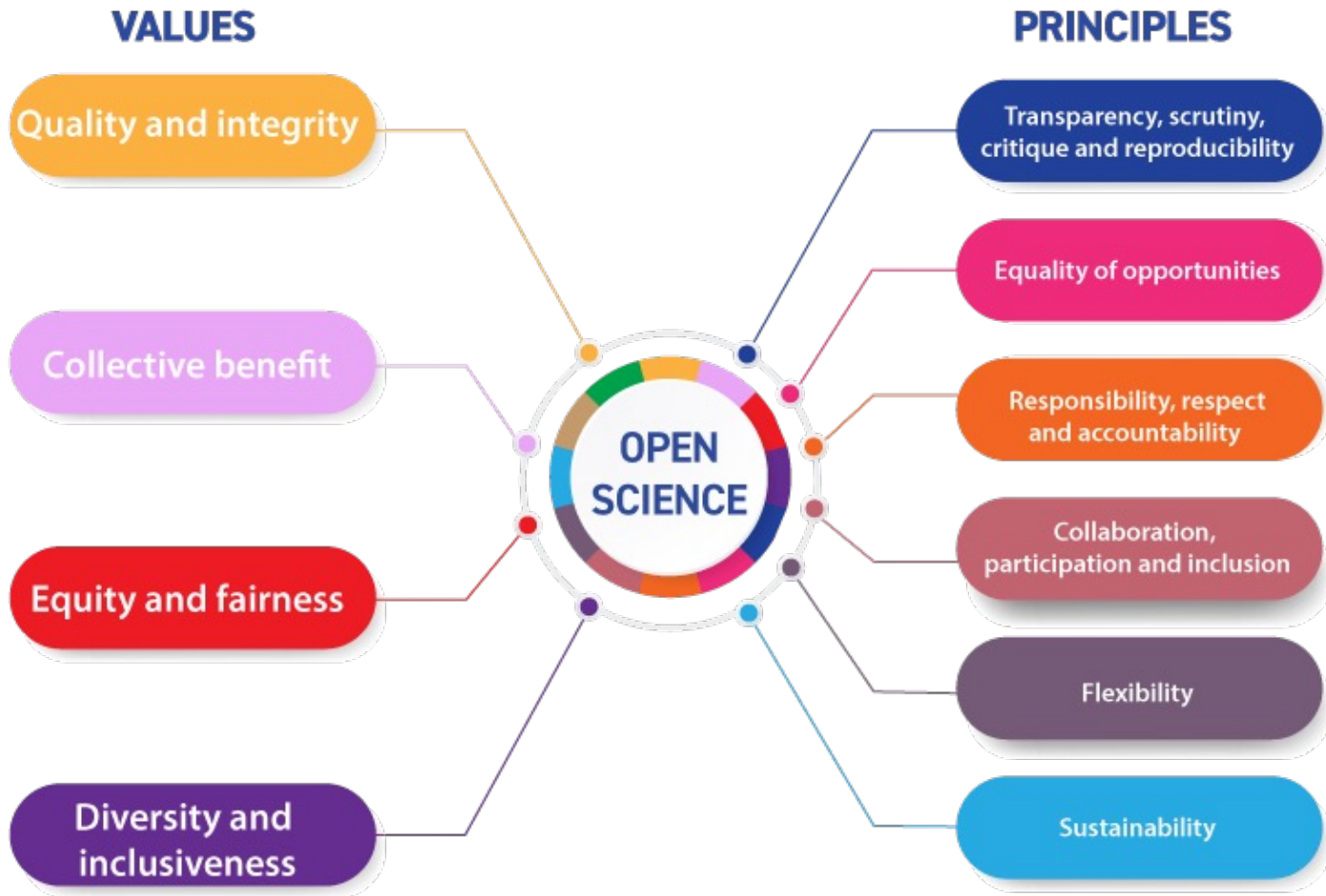
**OPEN SCIENCE**



**AREAS OF ACTION**

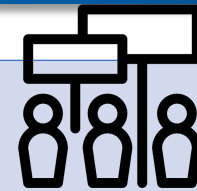


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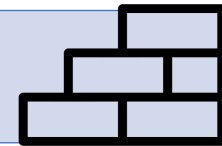


# Why Open Science Policy ?

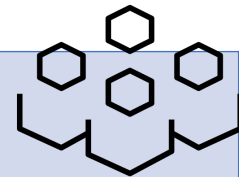
Show commitment



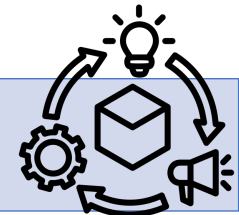
Build stability



Enhance clarity



Engage



Remove barriers

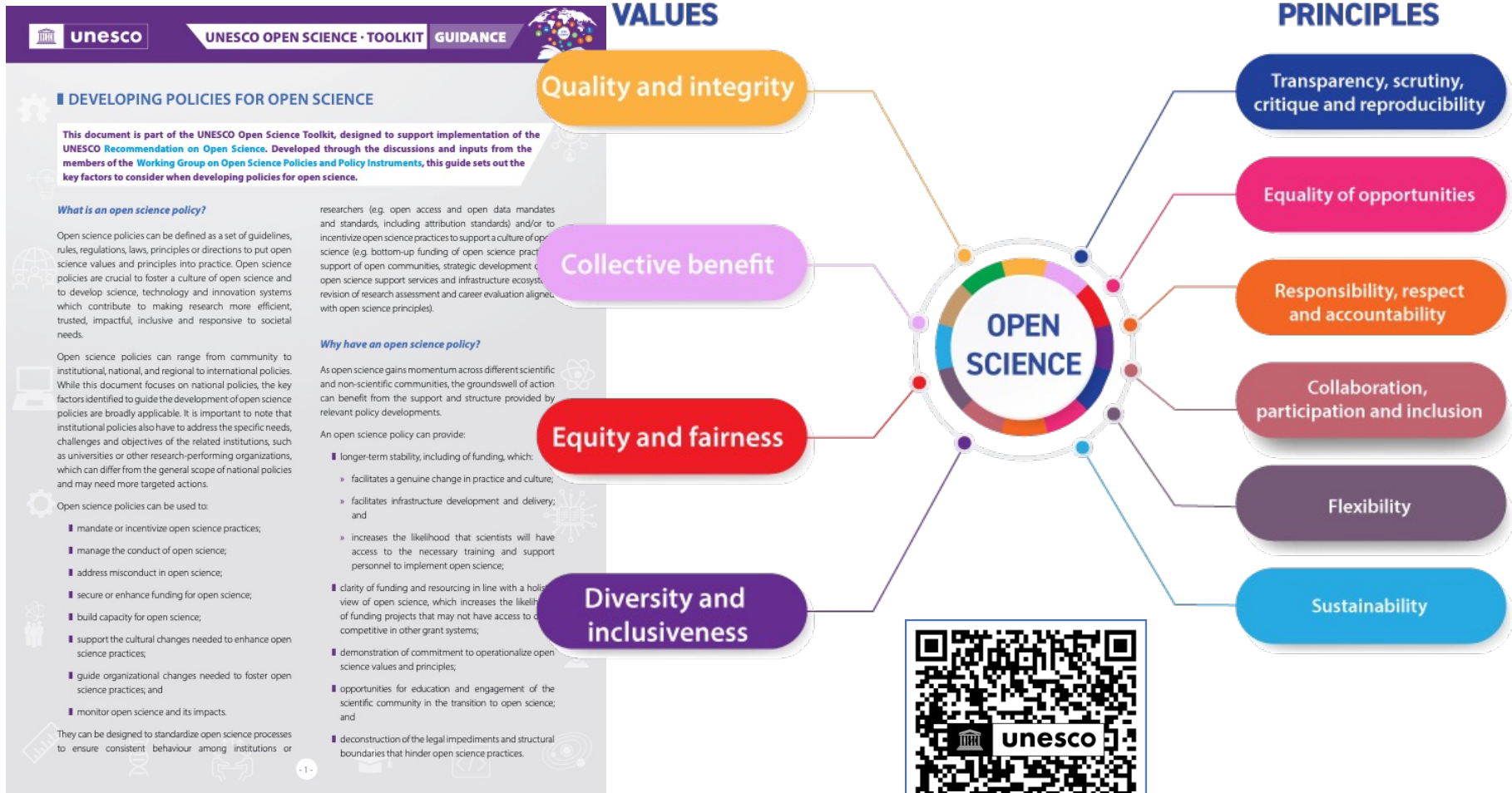




# Working Group on Policy and Policy Instruments

## ❖ Guide for Developing Open Science Policy

- Key factors to consider



# Key Factors to Consider in an Open Science Policy

Integration

Clarity

Comprehensiveness

Alignment with  
existing policy

Commitment to  
resourcing

Equity and inclusion

Longevity

Removal of barriers

Learning and  
adaptation

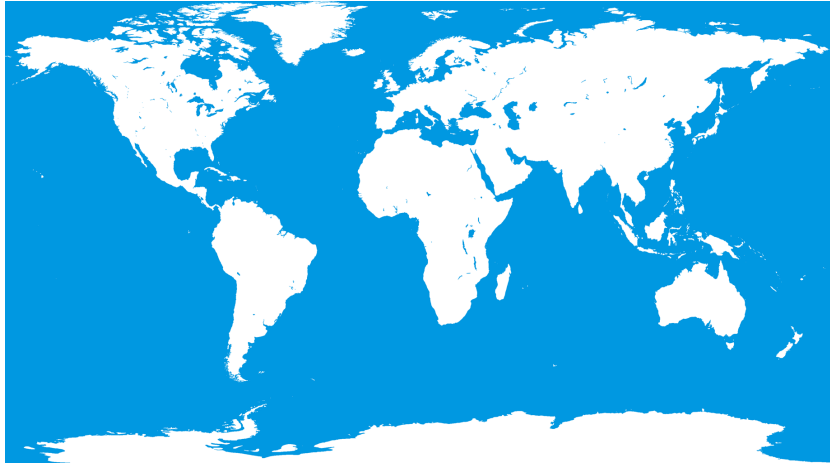
Flexibility

Enforcement

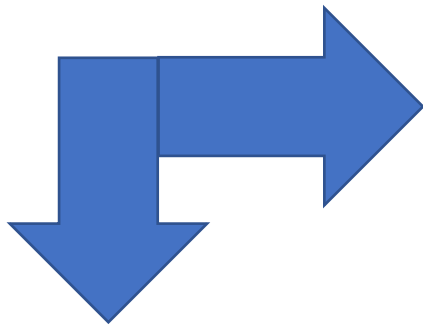
Monitoring and  
evaluation



# Working Group on Policy and Policy Instruments



- ❖ Mapping of existing open science policies - ongoing



- ❖ Monitoring of the Open Science Recommendation



# Thank you



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Educational, Scientific  
and Cultural Organization