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Building a global consensus on Open Science

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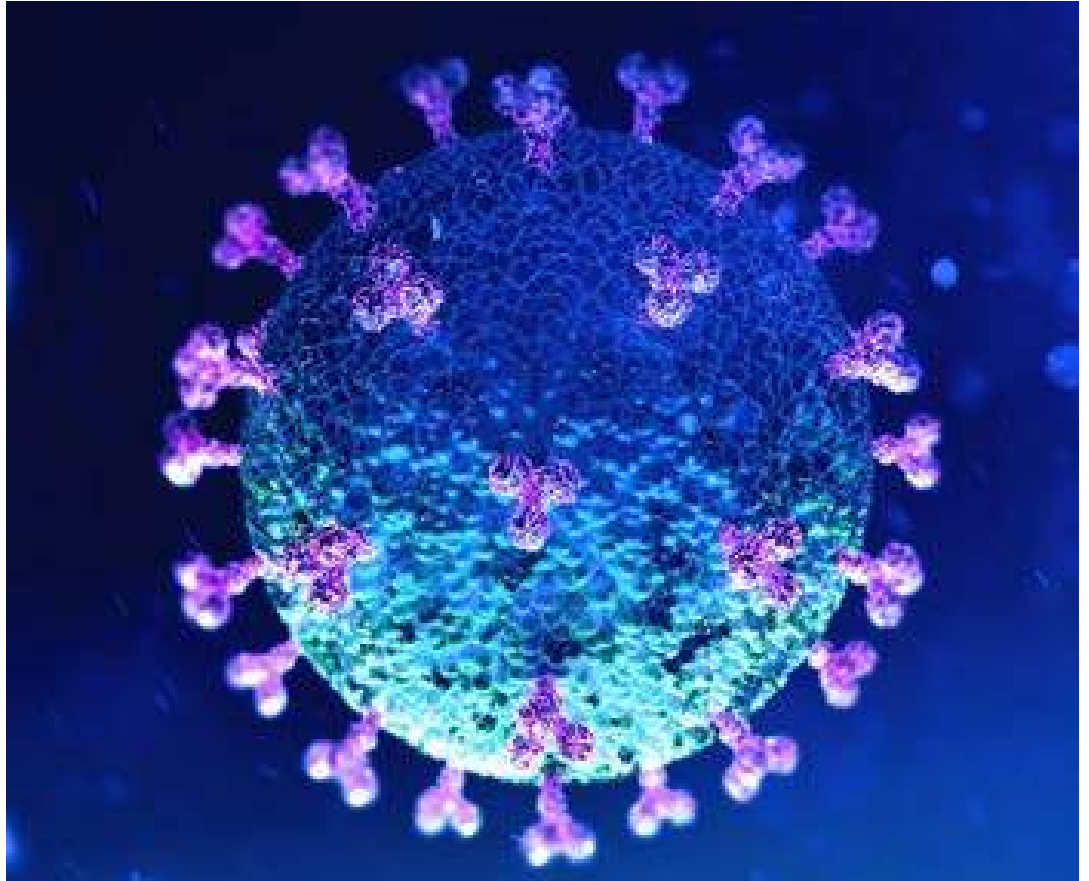
COVID-19 lessons learned

Importance of timely and free access to scientific data, publications, information

Importance of scientific collaborations and sharing of information at all levels

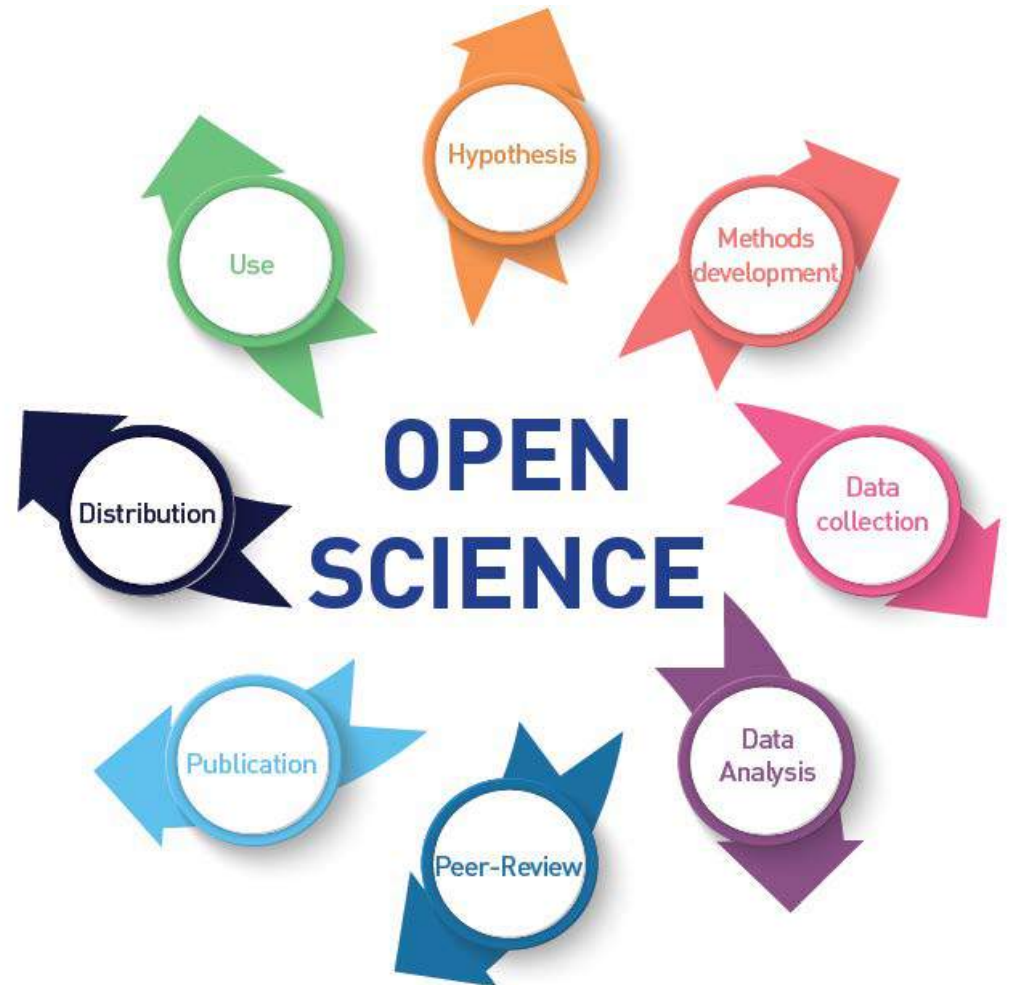
Importance of science-policy-society dialogue

Importance of the human right to enjoy the benefits of scientific progress



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Open Science has the potential of increasing the quality of science and making the entire scientific process more transparent, collaborative and inclusive.



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By making science more connected to societal needs and by promoting equal opportunities for all (scientists, policy-makers and citizens), Open Science can be a true game changer in bridging the science, technology and innovation gaps between and within countries and fulfilling the human right to science.



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Open Science is increasingly recognized as a critical accelerator for the implementation of the Sustainable Development Goals.



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Need for an international policy framework on Open Science

Common definition of open science

Shared set of values and principles

Set of actions



Towards a UNESCO Recommendation on Open Science in 2021



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Consultative process

Guided by Open Science
Advisory Committee

Supported by a global
Open Science Partnership

Global consultation -
2900 inputs received
from 133 countries

Regional consultations –
Africa, Arab States, LAC,
Asia and Pacific, Eastern
Europe, Western Europe
and North America

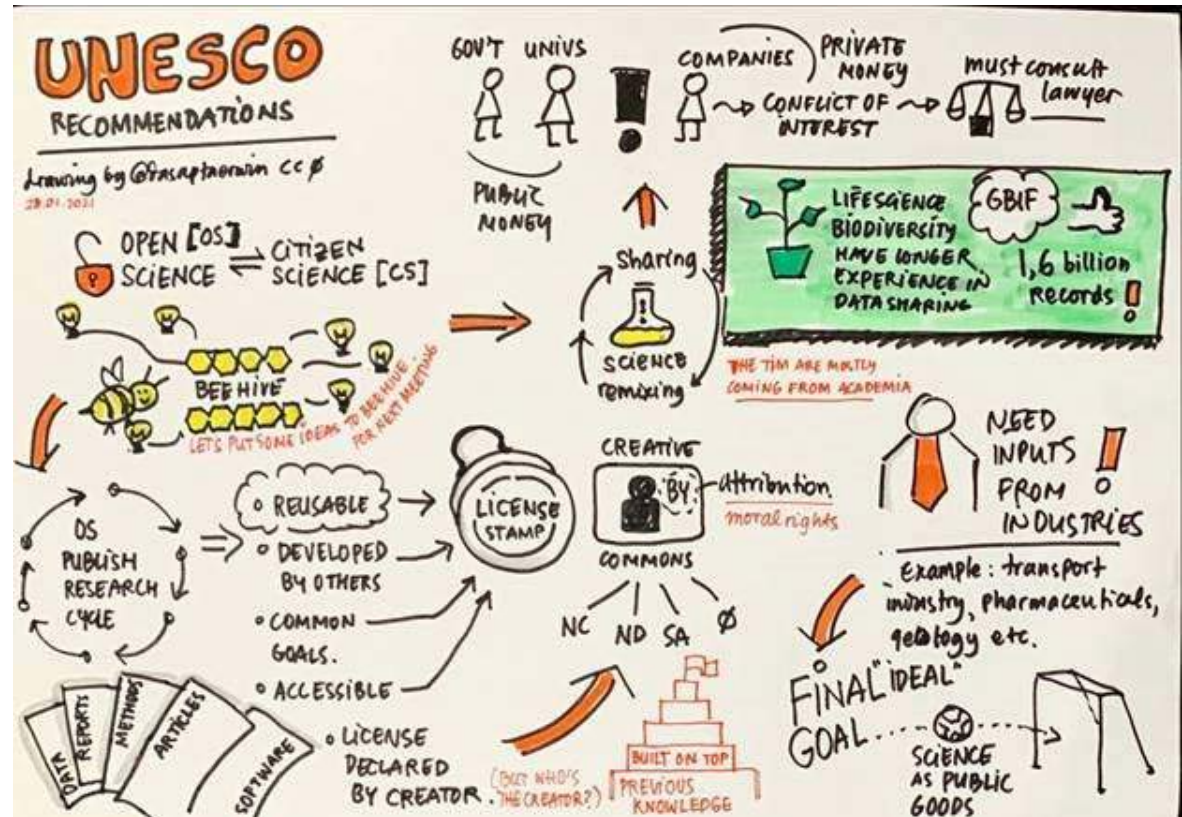


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Inclusive process

Thematic and multistakeholder stakeholder consultations and inputs from young scientists, citizen science, Academies, science unions and organizations, libraries and open access platforms, data organizations, UN system, indigenous peoples

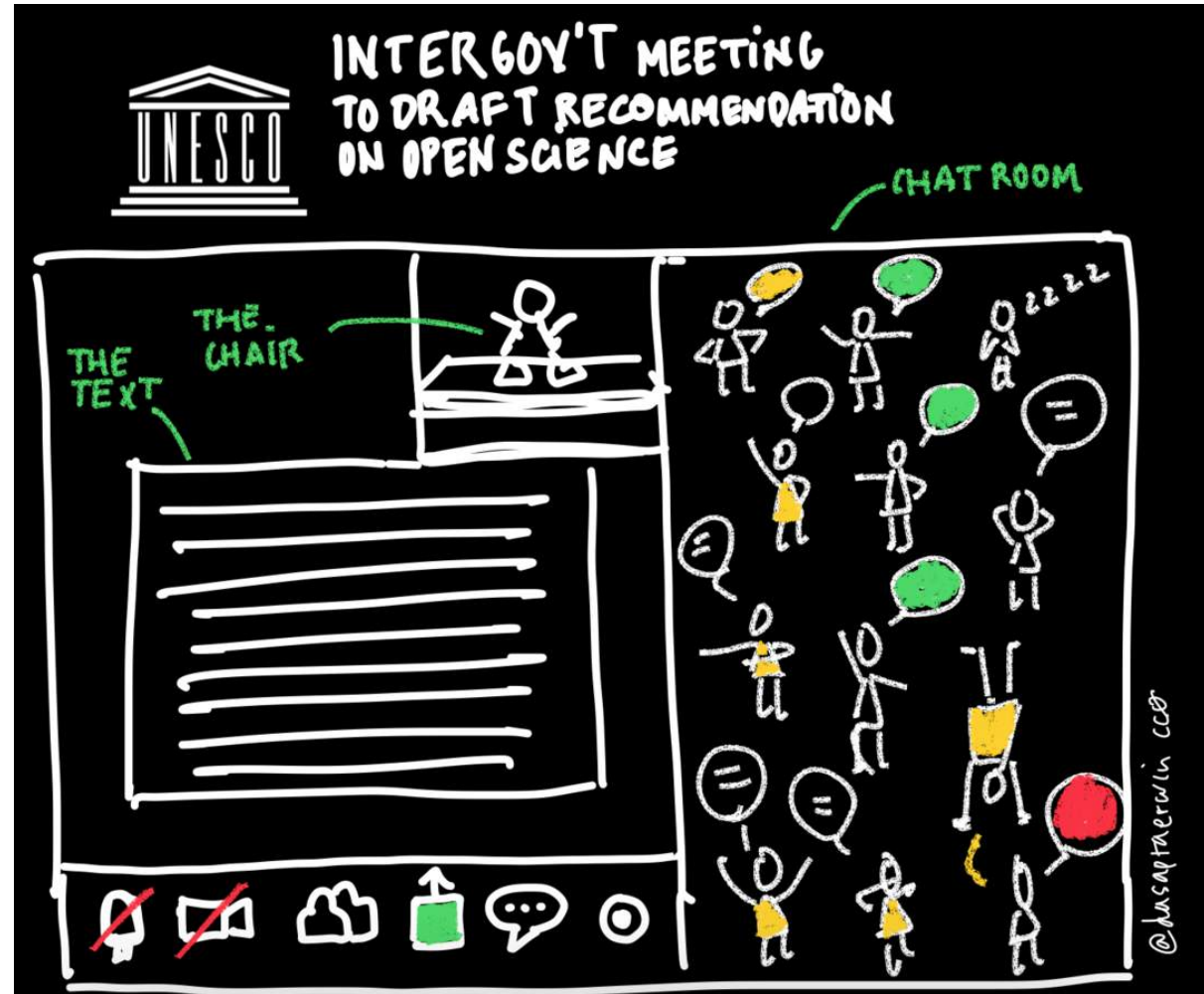


Transparent process

Intergovernmental meeting of experts (6-11 May) negotiates and adopts the final draft text

Over 100 countries represented

Over 65 observers participating



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Common definition

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

**OPEN
SCIENCE**

makes 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.

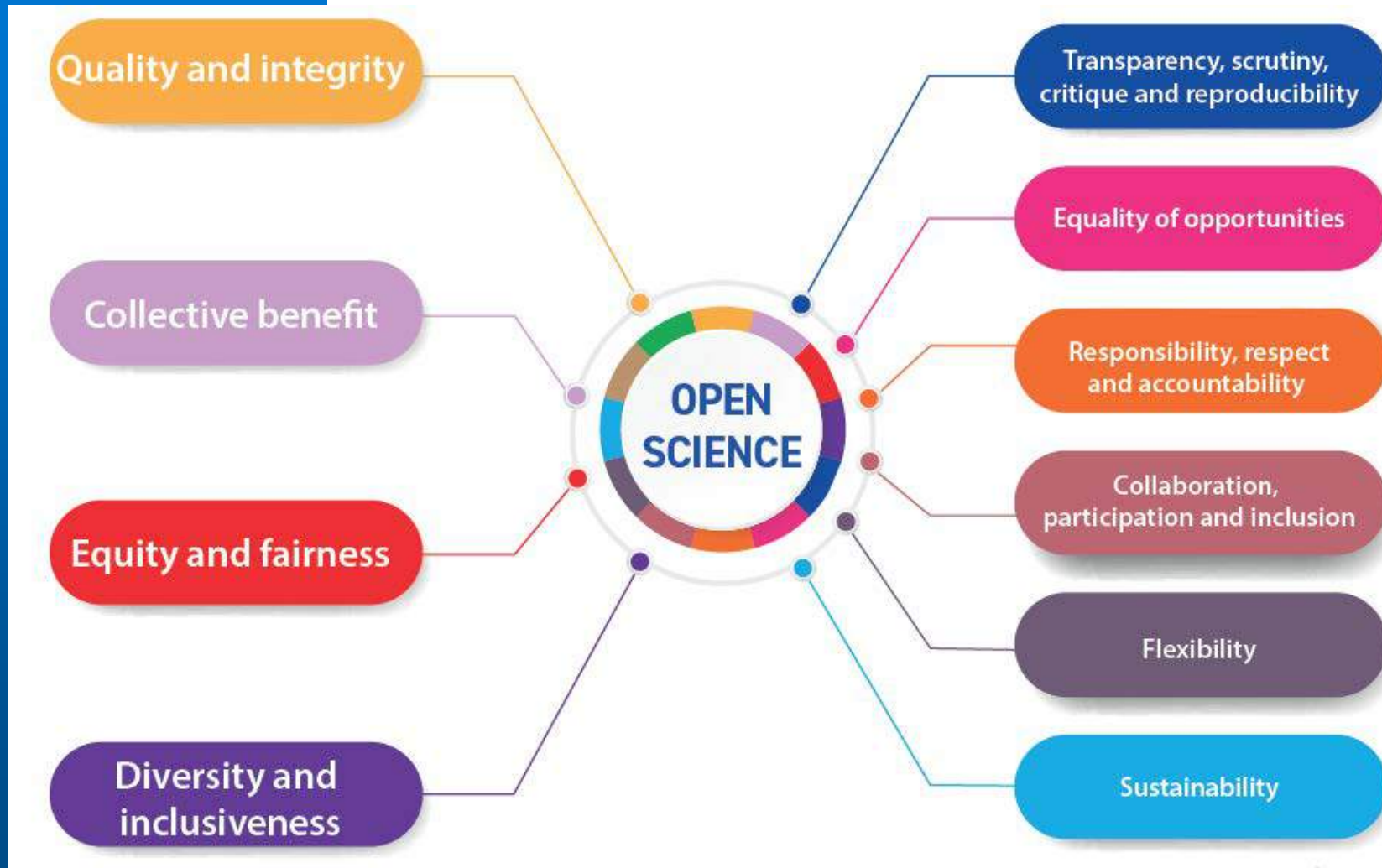


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Key pillars of open science

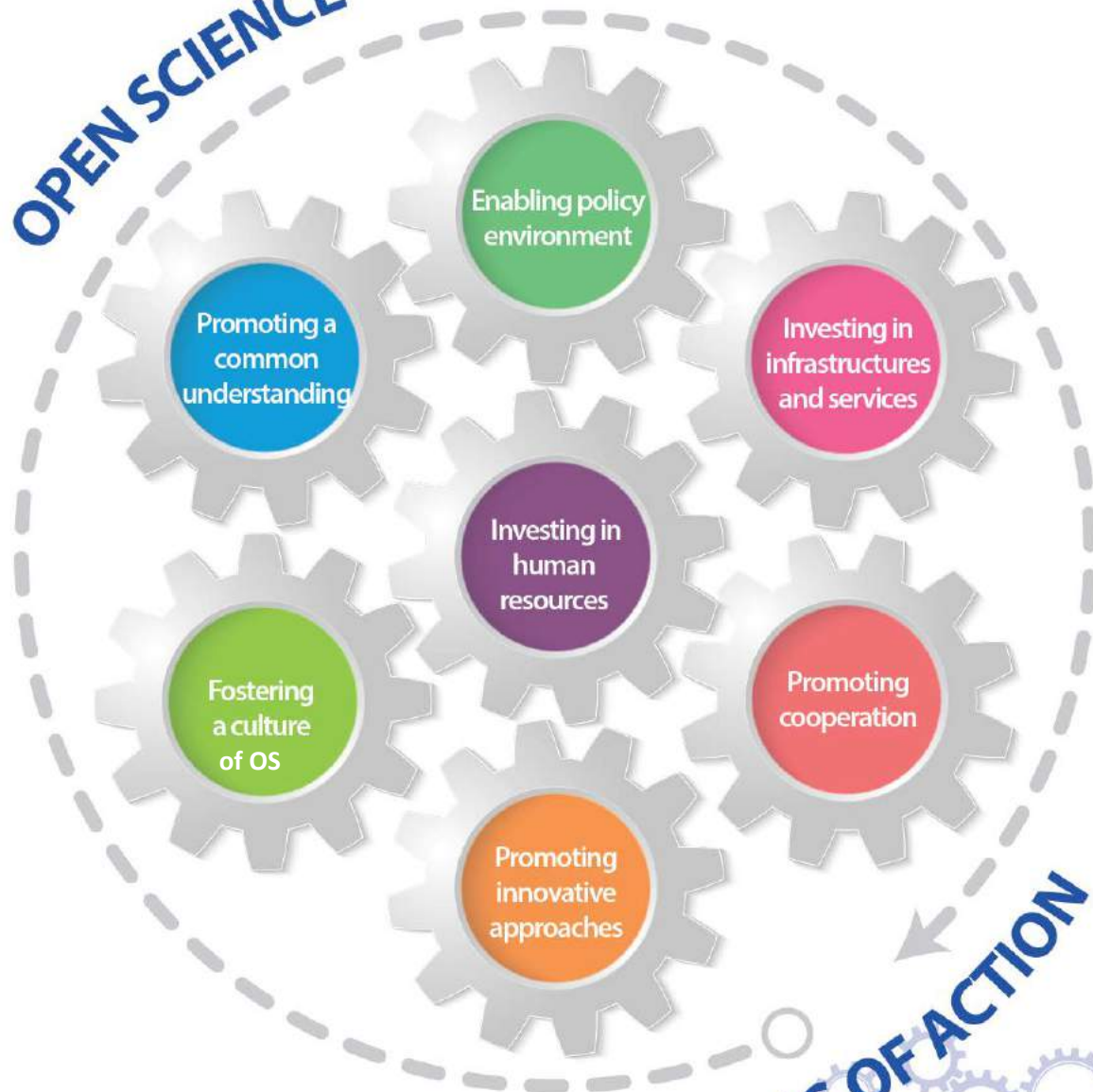


Values and principles



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OPEN SCIENCE



AREAS OF ACTION



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Next Steps

- Establishment of the **Open Science Partnership**
- Establishment of the **Open Science Advisory Committee**
- **Electronic consultation** on the elements of the Recommendation

Thematic and regional consultation with stakeholders on the contents of the Recommendation

Further consultations and inputs on the final draft

Meeting of the **special committee consisting of technical and legal experts** appointed by Member States (category II meeting)

Inclusive

Consultative

Responsible

Transparent

March 2020

September 2020 - January 2021

April 2021

November 2021

January - March 2020

April - September 2020

January 2021 - April 2021

July 2021

First outline of the Recommendation

First draft of the Recommendation, sent to the Member States of UNESCO for their comments

Communication of the DG's revised draft of the Recommendation to Member States

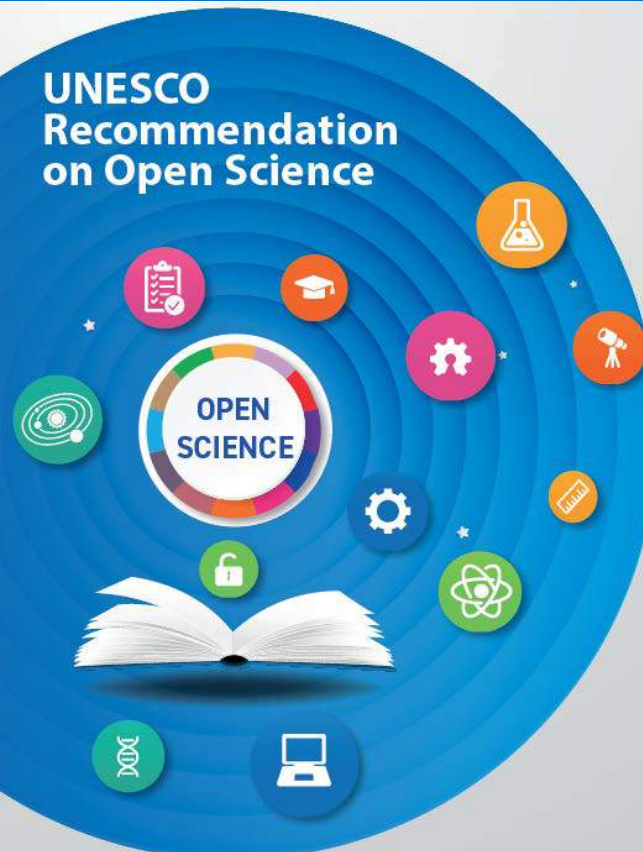
Submission of the draft Recommendation to the 41st General Conference with a view to its adoption

Adoption of the Recommendation by Member States November 2021



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UNESCO Recommendation on Open Science



While paths towards Open Science may differ in different parts of the world, reflecting the specific STI situations and capacity, Open Science requires a profound change in the scientific culture shifting from:

- competition to collaboration;
- science as a product to science as a process
- science for the selected few to science for all!



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Thank you



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Educational, Scientific
and Cultural Organization

