

# **The EUA and Open Science**

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**in collaboration with**

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**And the members of the Expert Group**

**Green Light for Open Access, Pasteur4OA  
Amsterdam, The Netherland**

**18 May 2016**

- **EUA and Open Science**
- **EUA Expert Group on Open Science**
- **EUA Open Science Roadmap**
- **Example of Outcome : Questionnaire on OA to research publications**
- **Next Steps**

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# The European University Association (EUA)

Over 800 Universities in 46 countries, 33 National Rectors Conferences



# Open Science

## Policy and Political Context

- Open Science is gaining momentum amongst researchers and also at institutional and political levels:
  - Statement of Commissioner Moedas and Dutch Secretary of State Dekker (October 2015)
  - Informal Competitiveness Council (January 2016)
  - Ongoing project of European open Science Cloud
  - Amsterdam Call for Action on Open Science, April 2016
  - Upcoming Competitiveness Council (May 2016)

# EUA's vision to support universities in their transition towards Open Science

Open Science is:

- Changing the way scientific research is being conducted, accessed and utilised both by scientists and society at large
- Generating new and alternative ways for researchers to conduct, publish and disseminate their research.
- Open Science has an impact on the whole academic landscape:
  - researcher career progression
  - publication quality assessment
  - scientific reputation systems

As the **Open Science** movement is **gaining momentum** globally at **political, institutional** and **scientific** levels, it is now the time to **progress towards a more open, fair, transparent and sustainable scientific eco-system.**

# Open Science

## An active role for universities

- EUA, as a major university stakeholder, has a key role at multiple levels:
  - **Policy-level:** from national to European-level
  - **Economic and financial level:** regaining 'scientific sovereignty'
  - **University-level:** supporting universities' digital policies

# EUA' Strategy to support universities in their transition towards Open Science

- EUA will aim to issue recommendations and guidelines, supporting institutions in negotiating with scientific publishers, raising awareness of the importance of Open Science for researchers and university leaders and making efforts to accelerate the transition towards a more open scientific system.
- In doing so, the effects of this transition will be closely followed up, to ensure that its benefits extend to all institutions and researchers across Europe.

**Modus operandi:  
Broad Vision, Expert Input, Focused Actions**

**First initiative:  
The EUA Roadmap on Open Access to Research Publications  
(February 2016)**

## Record of EUA activities in Open Science/Open Access

2008

- Recommendations from the EUA Working Group on Open Access (Barcelona Statement)

2012

- Task force on Open Access (2012-2015)

2014

- Report: 'Open Access to Research Publications. Looking ahead'
- **Monitoring: Yearly Survey on Institutional Open Access Policies - addressed to universities (2014; 2015)**

2015

- Report: 'EUA Open Access checklist: A practical guide on implementation'
- EUA Antwerp Declaration
- **Establishment of the EUA Expert Group on Science 2.0/Open Science**

2016

- **EUA Roadmap on Open Access to Research Publications**
- Response to 2015 EC Communication on a European copyright framework
- Support to:
  - San Francisco Declaration on Research Assessment (DORA)
  - Expression of Interest "Large-scale implementation of Open Access to Scholarly Journals" of the Max Planck Digital Library
- **Amsterdam Call for Action on Open Science**

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# EUA Expert Group on Open Science

- Created in the context of the increasing complexity and consequences of Open Science for universities
- 20 members with diverse profiles, nominated by their NRCs
- Work in close collaboration with EUA 's NRCs and European universities
- Reports to EUA Council

# EUA Expert Group on Science2.0/Open Science - Members 2016

**Jean-Pierre Finance (Chair)**  
**Attila Péterfalvi**  
**Bernard Rentier**  
**David Lawrence**  
**Daniel Wyler**  
**Eero Hyvönen**  
**Eloy Rodrigues**  
**Gerard Meijer**  
**Inge Van Nieuwerburgh**  
**John Fitzgerald**  
**Lidia Borrell-Damian**  
**Marek Niezgódka**  
**Marta Aymerich**  
**Mogens Sandfær**  
**Norbert Lossau**  
**Peter Moczó**  
**Petr Dvorak**  
**Sijbolt Noorda**  
**Stephen Pinfield**  
**Torbjørn Digernes**  
**Ulrike Felt**



# EUA Expert Group on Open Science Setting up Subgroups 2016

Flexible sub-structure, subject to evolution.  
Current Sub-groups addressing:

- 1- Copyright and data protection
- 2- Dialogue with publishers
- 3- Quality and assessment
- 4- Alternative Open Access publishing models and e-infrastructures
- 5- Text and Data Mining (TDM)
- 6- Open Access Roadmap

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**EUA ROADMAP ON  
OPEN ACCESS TO RESEARCH  
PUBLICATIONS**

February 2016

## Objectives (1)

- Fostering structured dialog among all stakeholders, especially **scientists, universities, RFO, RPO, politicians, publishers**
- Promoting and supporting the adoption of OA policies, infrastructures and initiatives by European universities, in dialogue with stakeholders
- Encouraging the development and establishment of **advanced scientific recognition and research assessment systems** (scientometrics and altmetrics, quality evaluation in OA, career progression ..)



**EUA ROADMAP ON  
OPEN ACCESS TO RESEARCH  
PUBLICATIONS**

February 2016

## Objectives (2)

- Addressing intellectual property rights and copyright policies (research data, learning material and patents)
- Considering alternative and sustainable OA business models
- Promoting access, use and sharing of research publications and data including TDM
- Establishment of comprehensive standards for OA policies for research publications and teaching materials

# EUA Roadmap on Open Access to Research Publications: Priority actions - Part 1

## Information gathering and sharing

- Mapping the European Open Access landscape – monitoring institutional OA policies and on-going negotiations with publishers (collaboration with NRCs)
- Establishing a platform for dialogue and sharing good practices of “big deal” negotiations, including a high-level group of university leaders, gathering informations on the “big deals” negotiations process and results

# EUA Roadmap on Open Access to Research Publications

## Priority actions - Part 2

### **Dialogue and mobilisation of researchers and other stakeholders**

- Engaging researchers at all career levels in the development of novel academic recognition systems through workshops and other fora
- Engaging in dialogue with other relevant stakeholders in the field, (e.g. LERU, CESAER, COAR, LIBER, MPDL, SPARC Europe, Science Europe, Global Research Council)
- Discussing with publishers economically realistic and viable conceptions of the OA future
- Mobilising politicians for a fair, balanced and innovative publishing system through position papers and seminars at national and European level.

# EUA Roadmap on Open Access to Research Publications: Priority actions - Part 3

## Policy and good practice recommendations

- Issuing principles and recommendations for negotiations with publishers based on the outcomes of the platform and the evidence gathered through EUA activity with its members (surveys, workshops, etc.)
- Proposing recommendations for institutional OA policies based on EUA's annual survey and the outcomes of the platform, on current best practices, model policies and guidelines (e.g. PASTEUR4OA project)
- Supporting the development of European OA policies, infrastructures and initiatives, e.g. Horizon 2020, OpenAIRE

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# Questionnaire on Open Access to research publications

## Key Characteristics (2015)

**Focused on the degree of implementation of institutional Open Access policies for research publications**

*Deadline for responses: 8 January 2016*

### **The respondents**

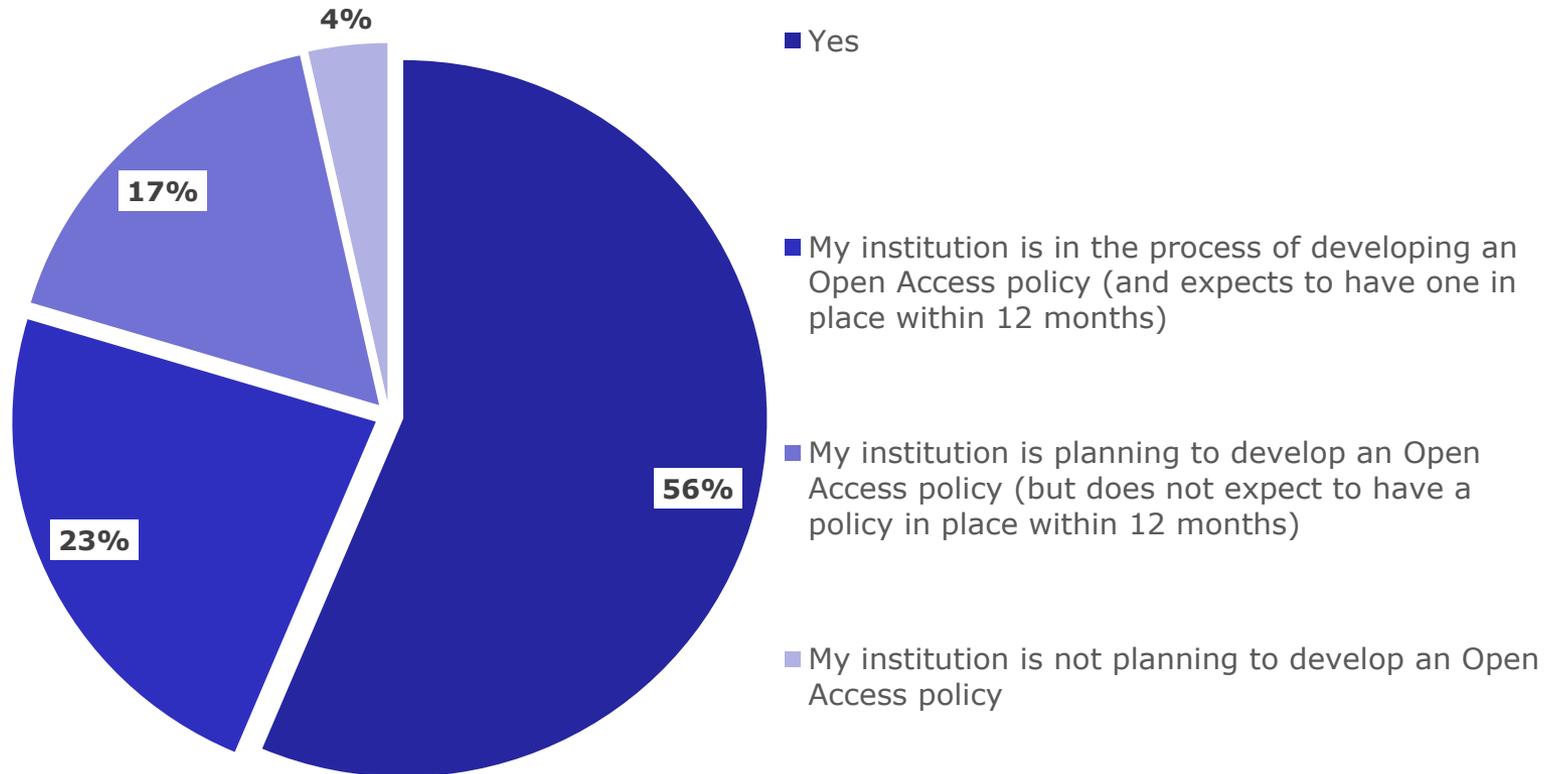
- **173 universities** from **32 European countries** (2014: 106 institutions; 63% increase in responses compared to 2014)

### **Response rate**

- 22% of EUA universities (2014: 13.5%)

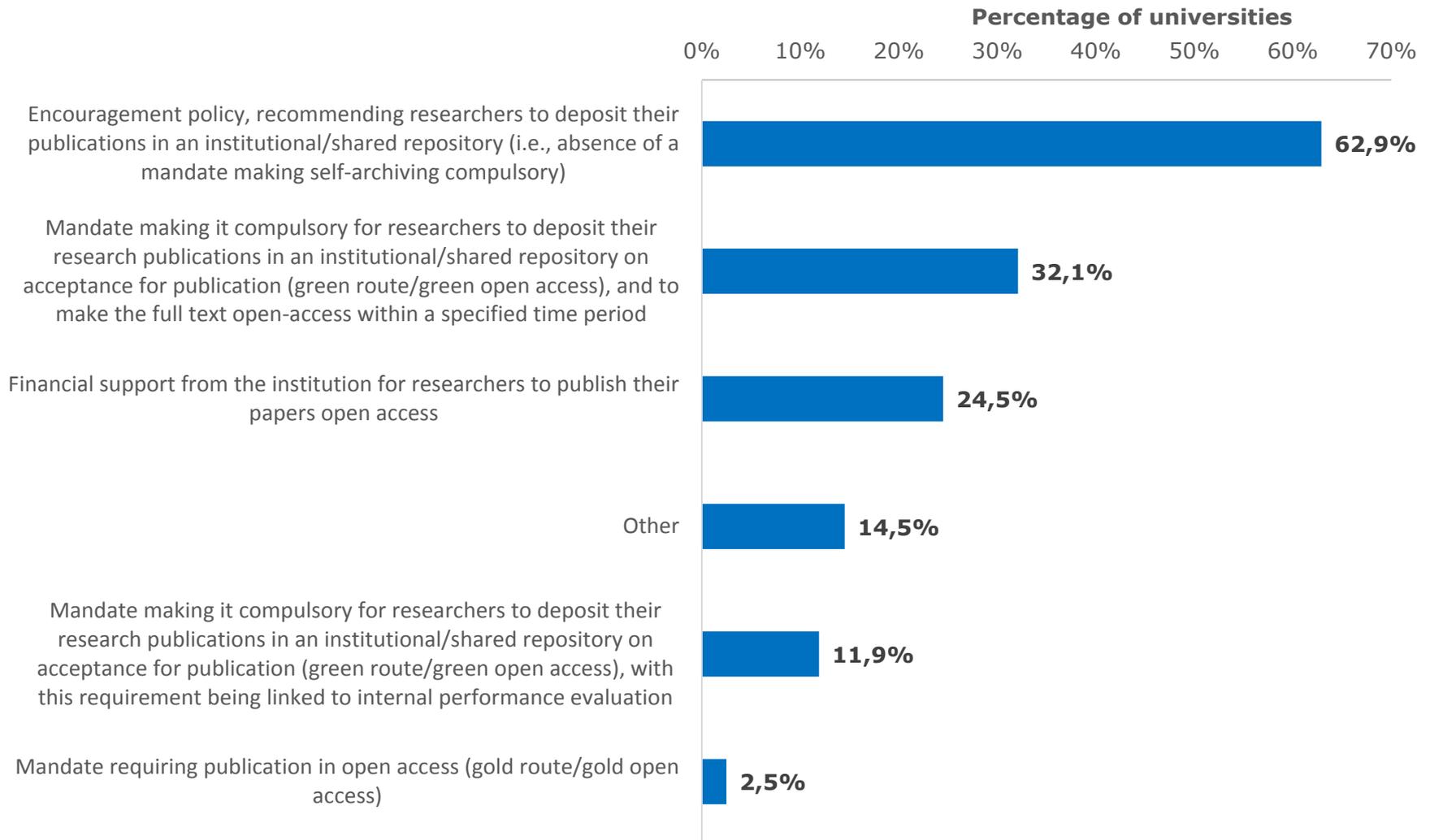
# Institutional policies on Open Access

## Share of institutions which have a policy of Open Access (OA) to research publications



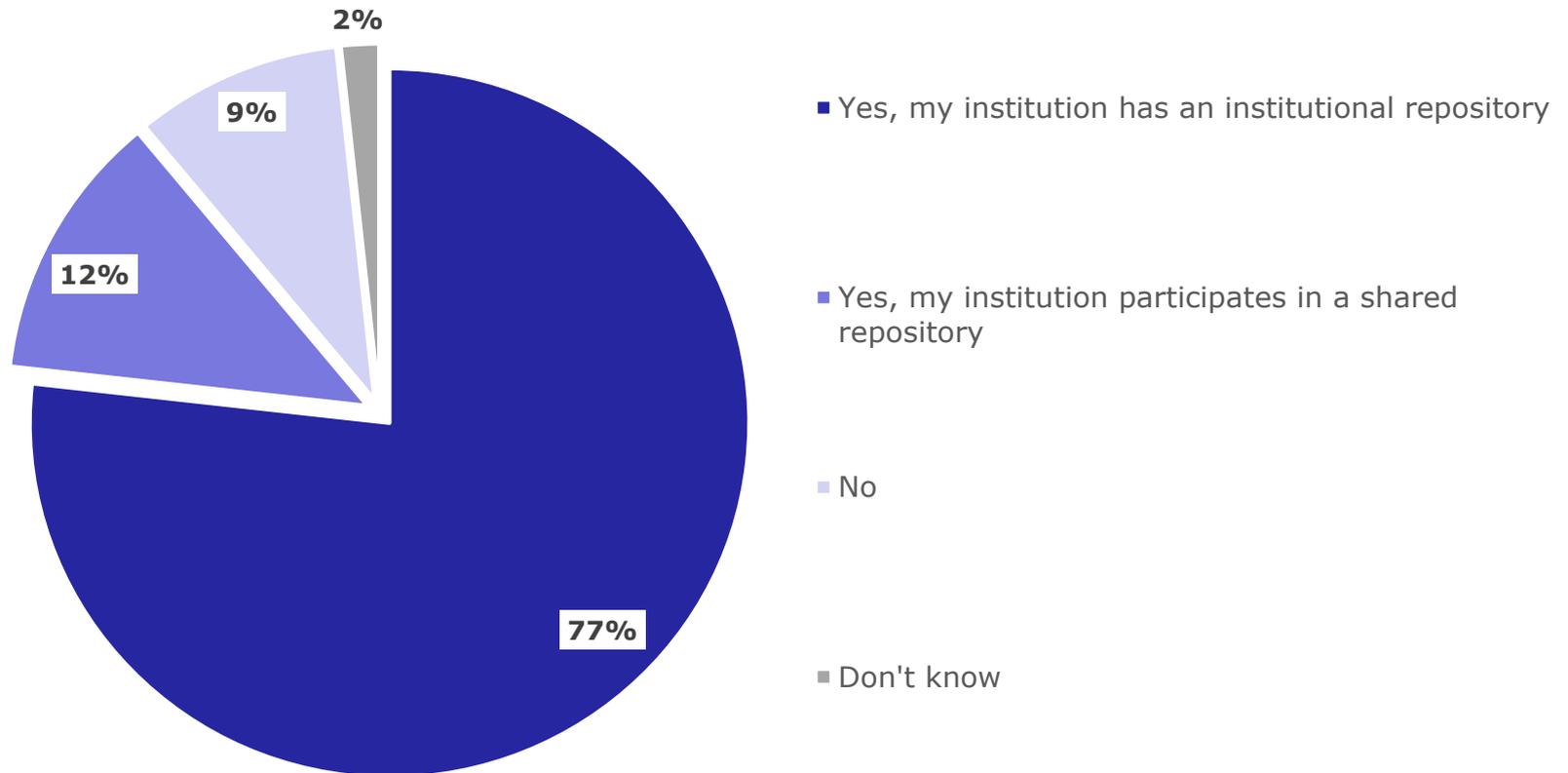
Number of respondents: 172/173

## Key elements of institutional OA policies



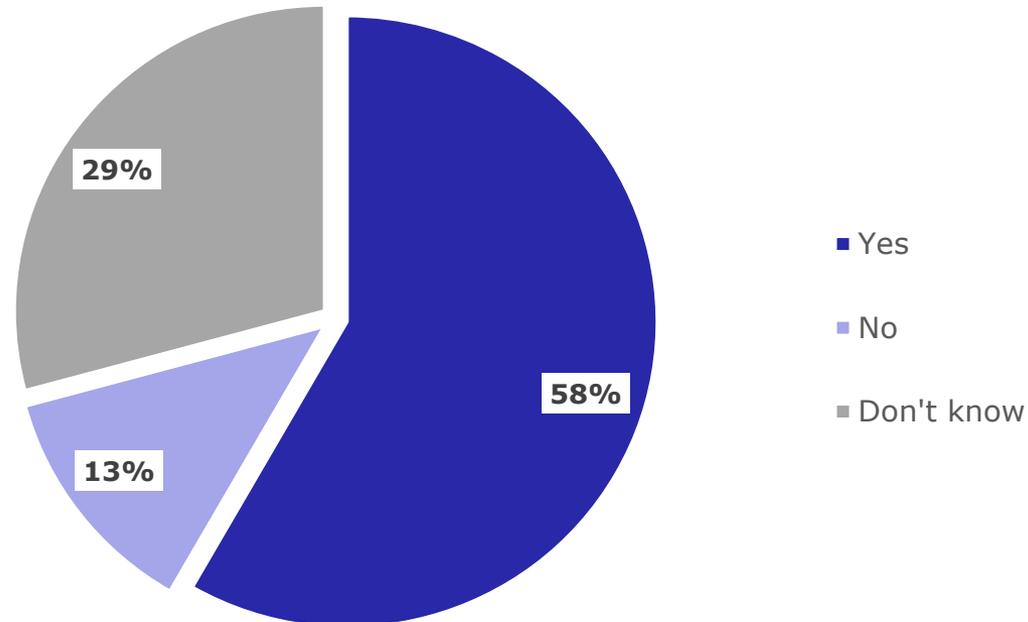
Number of respondents: 159/166. Question only applicable to institutions who replied “Yes”, “In the process of developing and OA policy” or “Planning to develop an OA policy” to Q1.

## Institutional repositories



Number of respondents: 172/173

## Increase in deposit rate in the repository since OA policy adoption



Number of respondents: 96/97. Question only applicable to institutions who replied "Yes" to Q1.

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# EUA Roadmap on Open Access to Research Publications: Some Upcoming Specific Activities

- Mapping the European Open Access landscape of 'big deal' negotiations (April-July 2016) with the collaboration of EUA National Rectors Conferences
- Publication of the outcomes of the 2015 Open Access Institutional Survey (June 2016)
- A first meeting between EUA and STM, association of Scientific Publishers (July 2016)
- Organisation of a workshop on peer review (Autumn 2016)

# Final Remarks

Open Science is an opportunity, not only to 'do' better science, but also to:

- Foster interdisciplinary research and improve scholarship communication and sharing of information
- Make more accessible to the public the outcomes of publicly funded research ... and to people in remote areas
- Involve society at large more directly in science and in research: knowledge, decision-making, etc., for better information and understanding.
- ...
- Make our societies more egalitarian and democratic?

**The role and ethical behaviour of scientists, funding bodies, and institutional leaders is essential for our future**



***Thank you for your  
attention !***