

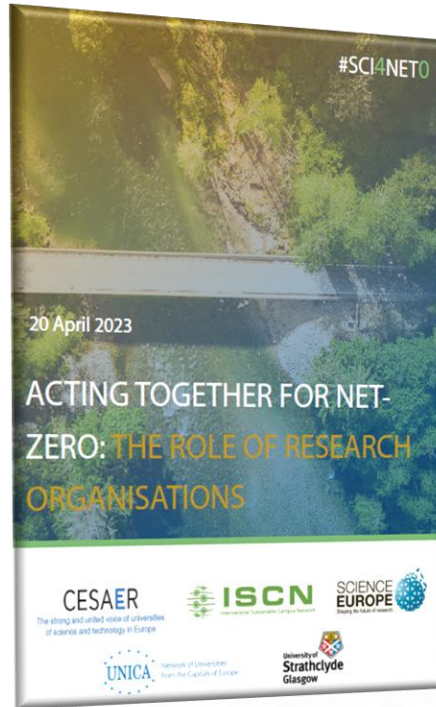
20/APR/2023

**ACTING TOGETHER FOR NET-ZERO**  
THE ROLE OF RESEARCH ORGANISATIONS

**INTERDISCIPLINARITY FOR THE NET-ZERO TRANSITION**  
**The perspectives of universities and research organisations**

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# OUTLINE



- **BACKGROUND**

- **KEY MESSAGES**

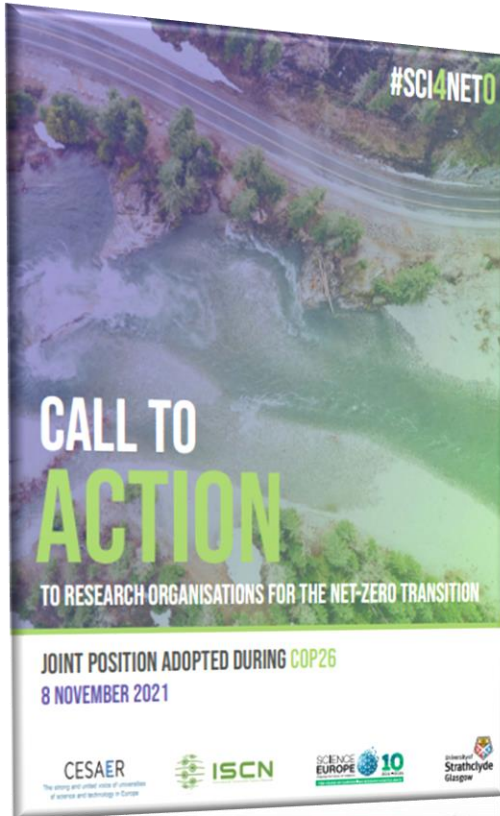
1. Interdisciplinarity
2. Lead by example
3. Students involvement
4. Science-Policy Interactions
5. Acting together

- **CONCLUSIONS & NEXT STEPS**

ACTING TOGETHER FOR THE NET-ZERO TRANSITION

# BACKGROUND

# LOOKING BACK



## COP26 SYMPOSIUM [08/NOV/21]

- LAUNCH OF THE CALL TO ACTION

## ESOF2022 [15/JUL/22]

- SESSION  
'ENGAGING RESEARCHERS'

## COP27 LEAD-UP SYMPOSIUM [02/NOV/22]

- INTERDISCIPLINARITY  
FOR THE NET-ZERO TRANSITION

## TODAY'S WEBINAR

- ACTING TOGETHER FOR NET-ZERO

# THE CALL TO ACTION



[...] WE SHARE A VISION OF A WORLD WHERE RESEARCH AND EDUCATION COMMUNITIES **WORK TOGETHER** AND IN INTERACTION WITH INDUSTRY AND SOCIETY AT LARGE TO SOLVE URGENT GLOBAL CHALLENGES. [...]

- I. Responding to the complexity of the net-zero challenges by addressing them in an **interdisciplinary** way
- II. Developing **the next generation** of students and researchers for the net-zero transition
- III. Reducing our own organisational **carbon footprint**
- IV. Supporting the net-zero transition in **policymaking** at all levels.
- V. Improving the **shared understanding** of what needs to be done.
- VI. Facing the challenges **together**.

[...] WE ACKNOWLEDGE THAT ACTIONS WILL BE DEVELOPED BY EACH ORGANISATION ACCORDING TO THEIR DISTINCTIVE MISSIONS, VISIONS, AND PRIORITIES. [...]

**WE INVITE OTHER ORGANISATIONS THAT SHARE OUR VISION TO COMMIT TO THESE ACTIONS AND WORK WITH US TOWARDS A SUSTAINABLE FUTURE WITH NET-ZERO EMISSIONS, JOINING US IN FUTURE COP MEETINGS TO ASSESS PROGRESS.**



**READ THE FULL TEXT**  
[HTTP://SCIEUR.ORG/COP26-CTA](http://scieur.org/cop26-cta)

**INTERDISCIPLINARITY / LEADING BY EXAMPLE / STUDENTS INVOLVEMENT /  
SCIENCE-POLICY INTERACTIONS / ACTING TOGETHER**

# **KEY MESSAGES**

# 1) INTERDISCIPLINARITY TO TACKLE THE CLIMATE CRISIS

- The institutional leaders support **the importance of interdisciplinarity** in research and teaching to promote the Net-Zero Transition.
- Many interdisciplinary initiatives exist, effectively tackling the climate crisis, but they need to be **scaled up** to accelerate the Net-Zero Transition.
- Research stakeholders' organisations should provide visibility of **good practices**, facilitate knowledge exchange, and support at the organisational level.



## 2) LEADING BY EXAMPLE



- Universities, research funders and performers are already 'greening' their activities by reducing emissions.
- These experiences should be further promoted to 'lead by example', building trust among actors.
- Research organisations should motivate other sectors to speed up 'their' transitions towards Net Zero.

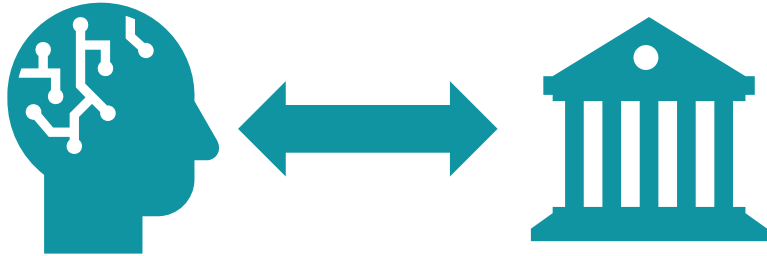


### 3) INVOLVING STUDENTS AND NEXT GENERATION' RESEARCHERS

- Students as a leading force for the Net-Zero Transition.
- Their involvement in interdisciplinary teaching and research activities brings positive change and should be further encouraged.
- Students are the future leaders, professionals, and experts: by embedding the values of the UN Sustainable Development Goals, they can be the future agents of change towards climate sustainability.



## 4) REINFORCE SCIENCE-POLICY INTERACTIONS



- Universities and research organisations should support policy for the Net-Zero Transition at all levels in a joint effort to tackle the climate crisis.
- Many examples of engaged local communities have proven to be effective. The direct involvement of researchers and students, supported by their organisations, can provide relevant impacts, even with limited funding.
- Interdisciplinary communities are the base for developing research projects, teaching programmes and other initiatives that can effectively contribute to the Net-Zero Transition.

## 5) ACTING TOGETHER

- Universities and research organisations are considered among the most neutral organisations. They have a privileged position to mobilise all other actors.
- The establishment of common platforms with universities, research organisations, governments, business sectors, and other societal stakeholders should be encouraged to tackle the climate crisis.
- Stakeholders' engagement should be at the international and local levels to speed up the transition towards Net-Zero.





**CONCLUSIONS**

# CONCLUSIONS & NEXT STEPS



- MOBILISE RESEARCH ORGANISATIONS
- DEVELOP GUIDANCE WITH CONCRETE STEPS FOR RESEARCH ORGANISATIONS
- PROMOTE AND SUPPORT THE SCALE UP OF EXISTING EXPERIENCES

**THANKS FOR YOUR ATTENTION**

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