

# STUDY ON CARBON CAPTURE STORAGE AND THE JUST TRANSITION

## Request for Proposal

**Deadline: 2 February 2024**

### Who we are

The Zero Emissions Platform (ZEP) has been the trusted advisor to the EU on carbon capture and storage (CCS), an essential climate technology, since 2005. Advancing the deployment of CCS through its applications in reducing emissions and removing carbon from the atmosphere forms an imperative part of the path to climate neutrality in Europe.

ZEP enjoys a broad membership base – from oil and gas, industry, utilities and equipment suppliers, to research, trade unions, and environmental NGOs – which results in balanced views and recommendations to policymakers. ZEP also coordinates actively with many other initiatives on national, European and international levels.

### The study

The Secretariat of the ZEP is partly funded through a three-year Horizon Europe grant. One key deliverable is a study on CCS and social studies/humanities. The report should result in recommendations for policymakers and project developers, to ensure that CCS projects facilitate a just transition.

We are now seeking a researcher to produce the study in the coming months and are welcoming proposals. The author should be affiliated with a think-tank, academic institute, research organisation or another relevant organisation. Academic credentials will be needed; and proposals from social scientists are particularly welcomed.

### Timeline

18 January 2024 – 2 February 2024	Researchers can submit proposals to the ZEP secretariat
12 February 2024	Best proposal is selected
15 February 2024	First meeting with the secretariat to discuss the scope and outline of the study
March-May 2024	Research period
3 June 2024	First draft submitted for review
24 June 2024	Final draft submitted
1 July 2024	Report to designer for publication
16 July 2024	Report launched during a public webinar

## Requirements

- **Interested candidates/organisations need to submit their proposal by e-mail to the Secretary General of ZEP at [joop.hazenberg@zeroemissionsplatform.eu](mailto:joop.hazenberg@zeroemissionsplatform.eu)**  
They can also contact the secretariat for further information or questions
- **The proposal is max 3 A4. Also include a CV of the author(s) and/or a short description of the organisation**
- **Deadline for submitting the proposal: 2 February 2024**
- The proposal needs to detail
  - the research question(s)
  - the scope of the study
  - how the report will be structured
  - the potential size (in words)
  - If possible, some initial recommendations
- A draft budget is also necessary. This can be very short. **The maximum budget to be considered is 15.000 EUR (ex VAT)**

## Potential angles to address in the study

We are open to ideas on the most relevant approach for humanities in CCS projects, as this is a wide-ranging topic that can cover economic, social and governance aspects. To give some direction, here are some angles that we are interested in:

- The EU wants to store 450 million tonnes of CO<sub>2</sub> per year in 2050. This means that the CCS 'sector' will become a large economic activity. **Can we make an estimation of the size of this new industry and the number of jobs involved?**
- What are the required skills of people working in the sector – **is upskilling or reskilling required?** For instance, the oil and gas industry will be much smaller in 2050 compared to nowadays. Can employees from oil and gas companies easily be transferred to CCS companies?
- **What kind of knowledge, patents and materials are needed for the CCS sector?** Can we draw comparisons with the renewable energy industry and trade-offs (for instance, the impact of wind parks on wildlife, and scarcity of precious metals for electric vehicles)?
- **What is the socio-economic impact of the deployment of an EU-wide CO<sub>2</sub> storage network?** Such a network may drive up costs of the energy transition and increase burdens for companies and consumers, whereas local storage solutions are cheaper and may increase the chance of public acceptance of CCS technologies. On the other hand, the general public in Europe has very little knowledge about CCS and there could be a 'nimby effect' when local storage is promoted
- **Without a just transition, there can be no green transition.** How does this observation (often voiced by leading EU politicians) relate to a massive expansion of CCS projects?
- **Which gaps persist in social sciences research** that need to be addressed to ensure CCS contributes to a socio-economic fair transition?