

ENLENS Newsletter (9) - Navigating the Energy Transition along with the Sustainable Development Goals in three new ENLENS publications

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ENLENS Newsletter (9)

# Navigating the Energy Transition along with the Sustainable Development Goals in three new ENLENS publications

ENLENS

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In the latter half of 2023, participants from the ENLENS Research Priority Area published three articles addressing the relationship between energy transition and sustainable development from diverse viewpoints.

The article titled "Uncertainties in the Debate on the Environmental Impact of Lithium Brine Extraction in the Salar de Atacama, Chile", discusses controversies surrounding the alleged environmental impact of lithium extraction and the methodological challenges associated with it in Chile, South America. The authors of this article, Mirko van Pampus, Barbara

Hogenboom, Carina Hoorn, and Arie C. Seijmonsbergen, represent two different faculties at the University of Amsterdam: FGw and FNWI.

The second article, titled “Identifying Energy Model Fingerprints in Mitigation Scenarios”, quantifies the typology of energy models along five dimensions: responsiveness, mitigation strategies, energy supply, energy demand, and mitigation costs and effort, each expressed through several diagnostic indicators. The framework developed in the article is applied to a diagnostic experiment with eight energy models, exploring ten scenarios focusing on Europe. Bob van der Zwaan, Scientific Director of ENLENS, is one of the authors of this article published in Nature Energy.

The third one is entitled “The Role of the Sustainable Development Goals for Better Governance of Carbon Capture and Storage (CCS)”, discussing the role of the SDGs in the better governance of CCS. One of the authors of the article is Drielli Peyerl (post-doc of ENLENS).

All the articles are currently available on the ENLENS website:

**ENLENS Website - Publications**

## **FUTURE OF ENERGY SEMINAR**

The next Future of Energy (FoE) Seminar is scheduled for Monday, 15 January 2024, from 12:00 to 14:00 (including a light lunch), at the Institute for Advanced Study (IAS - UvA) – for on-site attendees only.

Presentations:



**Title: “Obstacles and the Need for Transformative Climate Policies”**

by Rick van der Ploeg

**Title: “The future of plastics: polyesters from CO<sub>2</sub> and renewable energy”**

by Gert-Jan Gruter

To participate, **please RSVP by 11 January** by clicking on the link below:

## **ENLENS CALL FOR PROJECT PROPOSALS**

The research priority area 'Energy transition through the lens of Sustainable Development Goals' (ENLENS) announces its fourth call for project proposals. ENLENS unites researchers working on economic, environmental, technological, social, political, and business aspects of the energy system, the energy transition, and Sustainable Development Goals. Through this call, ENLENS will provide seed money for cross-faculty initiatives to generate new opportunities for researchers to apply their expertise in an interdisciplinary approach, and develop joint proposals for external research funding. For more information, access the ENLENS website at the link below:

### **ENLENS Project Proposals**

## **ENLENS NEWS**

Sign in for the ENLENS Newsletter to receive information about ongoing projects, calls for proposals, publications, and updates regarding the Future of Energy Seminar.

### **ENLENS Newsletter**

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