

2023 Sus2Trans Project Closing Conference

Transformative Strategies for Sustainability Transitions

6 November 2023, 15h – 19h

Auditório Ferreira de Almeida, Iscte- Instituto Universitário de Lisboa
Lisboa, Portugal

Agenda

Background

The Sustainable Transformative Transitions (Sus2Trans) project investigates the types of decarbonization strategies that are most beneficial and feasible for society. That is, whose implementation has the capacity to induce transitions in several other sectors in addition to energy, such as mobility, construction, food and industry. This system transformation raises challenges for the development of countries and regions, which have become particularly pressing in a context of several disruptions (pandemics, wars, etc.).

The project combines theories of socio-technical transitions, innovation, and economic geography to investigate the possible directions of the low-carbon transitions and their transformative capacity. It also assesses the extent to which countries and regions are preparing to such transformation and identify the sectors that are leading or delaying change.

This closing conference presents the main literature-derived decarbonization pathways that have been identified. The processes and modes of these transformative pathways are associated with key technology and social innovations, as well as with the economic characteristics of the different regions. Patterns of transformation towards sustainable production and consumption already emerging at business level will be discussed and matched against the decarbonization pathways. The discussion also aims to unveil the intervention levers that can amplify the effect of transitions on the structural transformation at national and regional levels.

Program

15:00-15:05 Opening

Nuno Bento, Iscte - Instituto Universitário de Lisboa

15:05- 16:30 Session 1. Transformative strategies for climate mitigation and development

Moderator: **Ricardo Paes Mamede**, Iscte - Instituto Universitário de Lisboa

The session will highlight the most significant advances of the research in the Sus2Trans project, including the main theoretical and empirical contributions for understanding the possible decarbonization strategies and their technological, socioeconomic and policy requirements.

15:05-15:20 Typology of decarbonization pathways

Nuno Bento, Iscte - Instituto Universitário de Lisboa

Ricardo Ribeiro, INESC ID Lisboa and Iscte-IUL

Tiago Alves, Laboratório Nacional de Energia e Geologia (LNEG) and Iscte-IUL

15:20-15:35 Technology innovations in decarbonization pathways: readiness and impact

Paulo Moisés, Escola Superior de Tecnologia e Gestão - Instituto Politécnico de Viseu (IPV)

Paulo Tomé, Escola Superior de Tecnologia e Gestão - Instituto Politécnico de Viseu (IPV)

António Duarte, Escola Superior de Tecnologia e Gestão - Instituto Politécnico de Viseu (IPV)

15:35-15:50 **Innovation and decarbonization strategies of firms in a peripheral context**

Mário Vale, CEG-IGOT, Universidade de Lisboa

15:50-16:05 **Transformative policies and decarbonization pathways**

Margarida Fontes, Laboratório Nacional de Energia e Geologia (LNEG)

Cristina Sousa, Iscte - Instituto Universitário de Lisboa

16:05-16:20 **Debate**

16:20-16:40 Coffee break

16:40-18:20 Session 2. Emerging transformations towards sustainability in practice

Moderator: **Margarida Fontes**, Laboratório Nacional de Energia e Geologia (LNEG)

The session explores the ways in which transformation is emerging and taking shape in practice, at the light of the literature-derived decarbonization pathways. It will identify the strategies to decarbonization in large companies and discuss their benefits and pitfalls to deliver the emission reductions needed for the Net-zero transition. The session will then present emerging business models with transformative potential and discuss their challenges and opportunities for dissemination.

16:40-17:00 **Decarbonization in business: Evidence from voluntary approaches**

Gianfranco Gianfrate, EDHEC Business School, France

17:00-18:00 **Case presentation of transformative business models**

AGROOP: AI innovations for the agriculture sector

Recycle Geeks: circularity and social innovation

Skyzo: circularity and market innovation

[case to be confirmed]

18:00-18:10 **Comment**

18:00-18:05 *How feasible and disseminable are these cases from a business perspective?*

Gianfranco Gianfrate, EDHEC Business School, France

18:05-18:10 *What is the role of the local context in the emergence of these transformative cases?*

Mário Vale, CEG-IGOT, Universidade de Lisboa

18:10-18:20 **Debate**

18:20-18:30 Closing

Nuno Bento, Iscte - Instituto Universitário de Lisboa

Maria de Lurdes Rodrigues, Rector of Iscte - Instituto Universitário de Lisboa

18:30-19:00 Porto de Honra (Porto of Honour / Cocktail)

Espaço de exposições

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