**Paper Launch**

**Bioenergy with Carbon Capture and Storage in the EU:**

**Challenges and Opportunities Frameworks for BECCS**

**Date**: June 3, 2025

**Time**: 15-16:30

**Location**: Online

The European Union's commitment to achieving climate neutrality by 2050 necessitates the deployment of negative emissions technologies, with Bioenergy with Carbon Capture and Storage (BECCS) being a pivotal component. BECCS offers the unique advantage of generating renewable energy while simultaneously removing carbon dioxide from the atmosphere. However, its large-scale implementation requires careful policy planning to ensure that it aligns with sustainable land use practices and does not adversely affect food security or compete excessively for land resources.

This paper is dedicated to exploring how policy can advance BECCS deployment within the EU in a manner that harmonizes land use with carbon dioxide removal objectives. We will delve into the legislative measures and regulatory frameworks needed to facilitate sustainable BECCS integration into the EU's climate and energy policies. The discussions will address the complexities of aligning land use policies with BECCS goals, considering the multifaceted challenges of land availability and biomass sourcing.

**15:00 Welcome and introduction**

* Andrei Marcu, Director of ERCST

**15:10 Initial inputs**

* Marino Varricchio, ERCST

**15:20 Contributions by speakers** - TBC

* Martin Birk Rasmussen, CONCITO
* Johan Borje, Stockholm Exergi
* Kasia Wilk, Elimini
* Karim Rahmani, Carbon Impact

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| Speakers will address the following questions:* **What policy frameworks are needed to advance BECCS deployment in the EU?**
* **How can land use policies be harmonized with carbon dioxide removal goals to ensure sustainable BECCS implementation?**
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**16:30 End of meeting**