



## **PyroCO<sub>2</sub> Launches Comprehensive Toolbox to Accelerate Carbon Capture and Utilization Initiatives in Europe**

PyroCO<sub>2</sub> is proud to announce the release of its **PyroCO<sub>2</sub> Toolbox**, a meticulously curated resource designed to empower industrial companies in navigating the dynamic landscape of Carbon Capture and Utilization (CCU) within Europe. This initiative aligns with the European Green Deal's objectives, aiming to foster sustainable industrial practices and significantly reduce carbon emissions.

### **Empowering Industries with Essential CCU Resources**

The PyroCO<sub>2</sub> Toolbox offers an extensive array of resources tailored to facilitate the development and implementation of CCU projects:

- **CCU Market Insights:** In-depth analyses of current market trends, emerging technologies, and storage mechanisms, providing a solid foundation for strategic planning.
- **Regulatory Frameworks:** Comprehensive overviews of European Union regulations pertinent to CCU, aiding companies in ensuring compliance and leveraging policy incentives.
- **Technological Innovations:** Detailed information on existing and emerging CCU technologies, enabling informed decision-making on technology adoption.
- **Funding Opportunities:** Guidance on accessing public and private funding sources, crucial for financing CCU initiatives.
- **Replication Methodologies:** Strategies for replicating successful CCU hubs across different regions, promoting scalability and knowledge transfer.
- **Business Cases and Roadmaps:** Practical examples and strategic roadmaps, including the AURA CCU Hub Roadmap, illustrating pathways to successful CCU implementation.
- **Training and Human Resources:** Identification of training needs and human resource considerations essential for building competent teams to drive CCU projects.

### **A Strategic Tool Aligned with European Climate Goals**

Developed within the framework of the PYROCO<sub>2</sub> project, which has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101037009, the toolbox serves as a pragmatic instrument to de-risk investments and facilitate the emergence of systemic CCU hubs. By providing actionable insights and practical tools, PyroCO<sub>2</sub> aims to accelerate the adoption of CCU technologies, contributing to the EU's target of achieving climate neutrality by 2050.



### **Availability**

The PyroCO<sub>2</sub> Toolbox is now available for industrial stakeholders seeking to embark on or enhance their CCU ventures. To access the toolbox and for more information, please visit: [https://www.pyroco2.eu/pyroco2\\_toolbox](https://www.pyroco2.eu/pyroco2_toolbox)

### **About PyroCO<sub>2</sub>**

PyroCO<sub>2</sub> is at the forefront of demonstrating the scalability and economic viability of carbon capture and utilization technologies. By converting industrial CO<sub>2</sub> emissions into valuable chemicals and products, PyroCO<sub>2</sub> is paving the way for sustainable solutions in European chemical production.

#### Project Coordinator – SINTEF

##### **Dr. Alexander Wentzel**

Senior Research Scientist

SINTEF Industry,

Department of Biotechnology and Nanomedicine

#### AXELERA Contact

##### **Malgorzata WOCH**

Responsible Europe • European Projects and Collaboration Manager

