

Pathway to DESIGN the circular bio-based transition

A series of workshops involving experts from textile, construction, plastics and chemicals sectors

CHEMICAL sector, 4th of July 2024, 10:00 - 11:30 CEST, Online

Context	<p>This workshop is organised in the context of the SUSTRACK project, aimed at supporting policymakers in their efforts to develop sustainable pathways to replace fossil and carbon-intensive systems with sustainable circular and biobased systems.</p> <p>This activity is dedicated to the chemical sector, and it is part of the “Pathway to DESIGN the circular bio-based transition” series of workshops, involving experts from the four sectors identified by SUSTRACK as the most carbon intensive: textile, construction, plastics and chemicals.</p> <p>These workshops will culminate in the online “DESIGN conference” aimed at transforming the workshops’ outcomes into policy recommendations for industrial and political stakeholders to support their transition towards a circular bio-based economy.</p>
Target participants	<p>Experts and stakeholders in the chemical sector (and selected case studies’ value chains), from research, industry, policy and civil society.</p>
Selected case studies	<ul style="list-style-type: none"> ● Methanol from waste ● Bio-MEG from forest and agricultural resources
Objectives	<p>To involve relevant stakeholders in the chemical sector to:</p> <ul style="list-style-type: none"> ● present an overview on the selected SUSTRACK chemical value chains providing process description, market information, and relevant policy instruments as a starting point for the debate; ● be inspired by specific case studies directly from experts’ voices, that will share their perspectives, good practices and challenges/barriers they are facing in the transition towards circular bio-based economy; ● discuss the three dimensions and provide recommendations for the transition towards circular bio-based economy in the chemical sector, namely: <ul style="list-style-type: none"> ○ policy dimension, including policy context and observed barriers; ○ environmental and societal dimensions, including sustainability goals addressed and challenges/barriers faced (e.g., in assessing the impacts); ○ economic dimension, including business cases and challenges/barriers encountered.
Expected outcomes	<ul style="list-style-type: none"> ● Provide actionable knowledge in terms of inspirational good practices, challenges, barriers and recommendations in the chemical sector, and in specific value chains represented by the selected case studies;

	<ul style="list-style-type: none"> ● Collect additional information to inform SUSTRACK research (e.g., identify relevant indicators, data availability); ● Co-create tailored policy recommendations, paving the way for future policy developments at regional, national and European level.
Format	Participants will actively participate in the workshop by providing their pitches on the selected case studies and sharing additional insights through a dedicated interactive session.
Organisers	SUSTRACK https://www.sustrack.eu
Registration	The workshop is free of charge - Registration is mandatory. Please, register here before 3 rd July at noon.
Link	<p>Join Zoom Meeting</p> <p>https://us06web.zoom.us/j/81661833061?pwd=G0hfKgOUpUlqxAtNceSNaY8zj4yz2b.1</p>

Agenda

Opening by SUSTRACK 5'	An overview of SUSTRACK project outcomes and discoveries in the chemical sector
Pathway for the chemical sector transition 5'	Inspirational pitch from invited expert <i>The European Chemical Industry Council (CEFIC)</i>
“Methanol from waste” case study 25'	Introduction of the “Methanol from waste” case study by SUSTRACK (5')
	Inspirational pitches from invited experts (5' each) <i>Enerkem</i> <i>TorrGas/BrigH2</i>
	Q&A session (10')
“Bio-MEG from forest and agricultural resources” case study 10'	Introduction of the “Bio-MEG from forest and agricultural resources” case study by SUSTRACK (5')
	Q&A session (5')
Open discussion 30'	Interactive session to discuss the three dimensions (policy, environmental and societal, economic) of the transition towards circular bio-based economy in the case studies' value chains and in the chemical sector.
Conclusion 5'	Closing remarks