

# Syschemiq policies and tools to enhance plastic waste: Turning waste into opportunity

March 12<sup>th</sup>, 2025 10.30 AM – 01.00 PM | ONLINE

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Organized by **Lombardy Energy Cleantech Cluster - LE2C** with the support of **Brightlands Chemelot Campus**, this event is part of the **Dual Track Governance Workshops** within the European **Syschemiq** project. This online workshop will bring together **stakeholders from Italy and the Netherlands**, including **companies, research centers and associations**, to explore **innovative solutions for the valorization of plastic waste**.

During the event, advanced tools developed within Syschemiq, such as **PRISM, CIMS, and Geo Tool**, will be presented, providing **strategic insights** and concrete **solutions to address challenges related to plastic recycling and sustainability**.

The discussion will focus on how these tools, as well as **policies and innovative materials and projects** implemented in the two countries, **can support achieving EU recycling targets** and drive the transition toward a **circular economy in the plastic sector**.

## Program

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10.30	<b>Welcome greetings and introduction to the event</b> <ul style="list-style-type: none"><li>◦ <i>Claudia Doria, Communications and Project Manager at Lombardy Energy Cleantech Cluster – LE2C</i></li></ul>
10.40	<b>Syschemiq project</b> <ul style="list-style-type: none"><li>◦ <i>Laura Nieboer, Founder and owner at Innowastion BV</i></li></ul>
10.50	<b>Dual Track Governance: key policies, measures and insights related to plastic packaging waste</b> <ul style="list-style-type: none"><li>◦ <i>Henk Diepenmaat, Director Actors Process Management BV, Professorial Fellow Maastricht University</i></li></ul>
11.05	<b>PRISM, CIMS and Geo Tools: innovative solutions for the industry</b> <ul style="list-style-type: none"><li>◦ <i>Sjoerd Herlaar, Consultant Circular Economy at TNO</i></li></ul>
11.25	<b>Coffee break</b>
11.30	<b>Panel Discussion: policies, challenges and opportunities for the circular economy of plastics</b> <ul style="list-style-type: none"><li>◦ <i>Marco Farina, Senior Manager for Project Assessment and Development at A2A Ambiente SpA</i></li><li>◦ <i>Samuel Nazzareno Monaco, Communication &amp; Institutional Affairs Manager at AFIL</i></li><li>◦ <i>Salvatore Iannace, Director at Consiglio Nazionale delle Ricerche - CNR</i></li><li>◦ <i>Henk Diepenmaat, Director Actors Process Management BV, Professorial Fellow Maastricht University</i></li><li>◦ <i>Lars van Zutphen, Business Development at Morssinkhof Plastics Lichtenvoorde B.V.</i></li><li>◦ <i>Stefano Bonaldi, Technology Innovation Manager at SAIPEM SpA</i></li><li>◦ <i>Sjoerd Herlaar, Consultant Circular Economy at TNO</i></li></ul> <b>Q&amp;A - Interactive</b>
12.50 Till 13:00	<b>Conclusion and moderation</b> <ul style="list-style-type: none"><li>◦ <i>Laura Nieboer, Founder and owner at Innowastion BV</i></li></ul>

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## About the models

Key Tools Presented:

- **PRISM (Plastic Recycling and Impact Scenario Model)**: A decision-making model that helps **identify optimal strategies for processing various plastic waste streams** by considering technical, economic, and environmental variables. PRISM supports governments, companies, and organizations in enhancing the efficiency and effectiveness of plastic recycling.
- **CIMS (Chemelot Integrated Model System)**: A modeling system that **guides strategic decision-making in chemical industry clusters**, improving the economic, energy, and environmental efficiency of industrial processes. CIMS helps companies and local authorities reduce carbon emissions, aiming for net-zero emissions by 2050.
- **Geo Tool**: A geolocation tool for **tracking plastic flows**, useful for planning, managing, and evaluating policies related to plastics and plastic waste. It enables the analysis and prediction of flows in relation to socio-economic factors.

## Contact

**LOMBARDY ENERGY CLEANTECH CLUSTER (LE2C)**

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# Together we recycle plastics better

## About Syschemiq

Syschemiq is an EU-project that aims to speed up the circular plastics economy by developing and demonstrating systemic solutions for applications in cities, regions or their groups.

## Syschemiq consortium

The Syschemiq consortium is composed of 21 experienced partners with proven capabilities to develop and achieve the aims of the project, covering a geo-graphical representation from 5 European countries (Belgium, Germany, Italy, Netherlands, Switzerland).

## Stay in touch

### More info at

[www.syschemiq.eu](http://www.syschemiq.eu)

### Follow the latest

@Syschemiq, on X and LinkedIn



The project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement 101059909.