

Online workshop

CONSOLIDATING SCENARIOS AND POLICY IMPLICATIONS FOR THE **CIRCULAR** **ECONOMY OF PLASTICS**

18 march 2026 | 10:30 – 12:30



The project has received funding from the European Union's Horizon 2020 research and innovation program under Grant Agreement N°101059909.

More information www.syschemiq.eu





March 18, 2026

Syschemiq project

*Consolidating Scenarios & Policy Implications for the
Circular Economy of Plastics*

Claudia Doria

Communication and Project Manager – LE2C

10.30

Welcome and scope of the 3rd DTG workshop

Claudia Doria, Communication and Project Manager at **LE2C**

10.40

Dual Track Governance (DTG) approach and policy packages/eco-modelation policy

Laura Nieboer – Rene Kemp, **BCC - Maastricht University**

- **Q&A**
-

11.00

Scenario-based insights and knowledge tools

Sjoerd Herlaar, Consultant Circular Economy at **TNO**

Territorial perspectives panel – country level and twinning regions and good practices

11.15

- *Thibaut Motteu*, Chemical & Materials Engineer | Regulatory Affairs at **Plastics Recyclers Europe**
- *Letizia Zavatti*, Energy and Green Economy Area at **Emilia-Romagna Region (Italy)**
- *Piotr Bednarczyk*, Department for Waste Management, Emissions and Integrated Permits of **Mazovia Region (Poland)**
- *Karen van de Stadt*, Strategic Expert Packaging at **Verpact**
- *Ivan Calimani*, Founder of **Krill Design**

Moderation and guiding questions: BCC/UM

12.10

Q&A

12.20

Closing remarks

Till **12.30**

Martijn Helsen, Project Manager at **POM Limburg**

Lombardy Energy Cleantech Cluster

LE2C is the **Lombardy energy and environment technology Cluster** to support the **growth, innovation and competitiveness** of the Lombard production system.

Activities

-  **Innovation**
-  **Collaboration**
-  **Internazionalization**
-  **Policy support**
-  **Training**
-  **Growth of the production sector**

Mission: To promote technological innovation, competitiveness, and growth towards an energy and ecological transition through **collaboration between businesses and research centers**.

Focus Areas



136 members

-  **101** Enterprises
-  **11** Research intitutions
-  **24** Others

“Circular economy” Area

Focused on strategies that aim to **increase efficiency along the entire value chain** of goods and services through **circular flows of resources** (matter and energy) to preserve and extract the maximum environmental and economic value incorporated.

Syschemiq project



Syschemiq: **Research Demonstration Project** (RDP) funded by the European Union's **Horizon Europe program**, with a budget of € 9.6 million.

Duration: 48 months (Sept 2022 - Sept 2026).

Goal

Facilitate the systemic transition to **a circular plastics economy** by increasing the **reuse of waste from plastic packaging**, promoting **new plastic collecting** and **disposal technologies**, and fostering the exchange of **knowledge and best practices at the European level**.

Partners



The consortium includes **21 partners** from five European countries (the Netherlands, Belgium, Germany, Switzerland and Italy) representing:

- **Industry,**
- **Scientific institutes,**
- **Education,**
- **Public administration,**
- **Cities,**
- **European networks.**



Dual Track Governance (DTG) approach

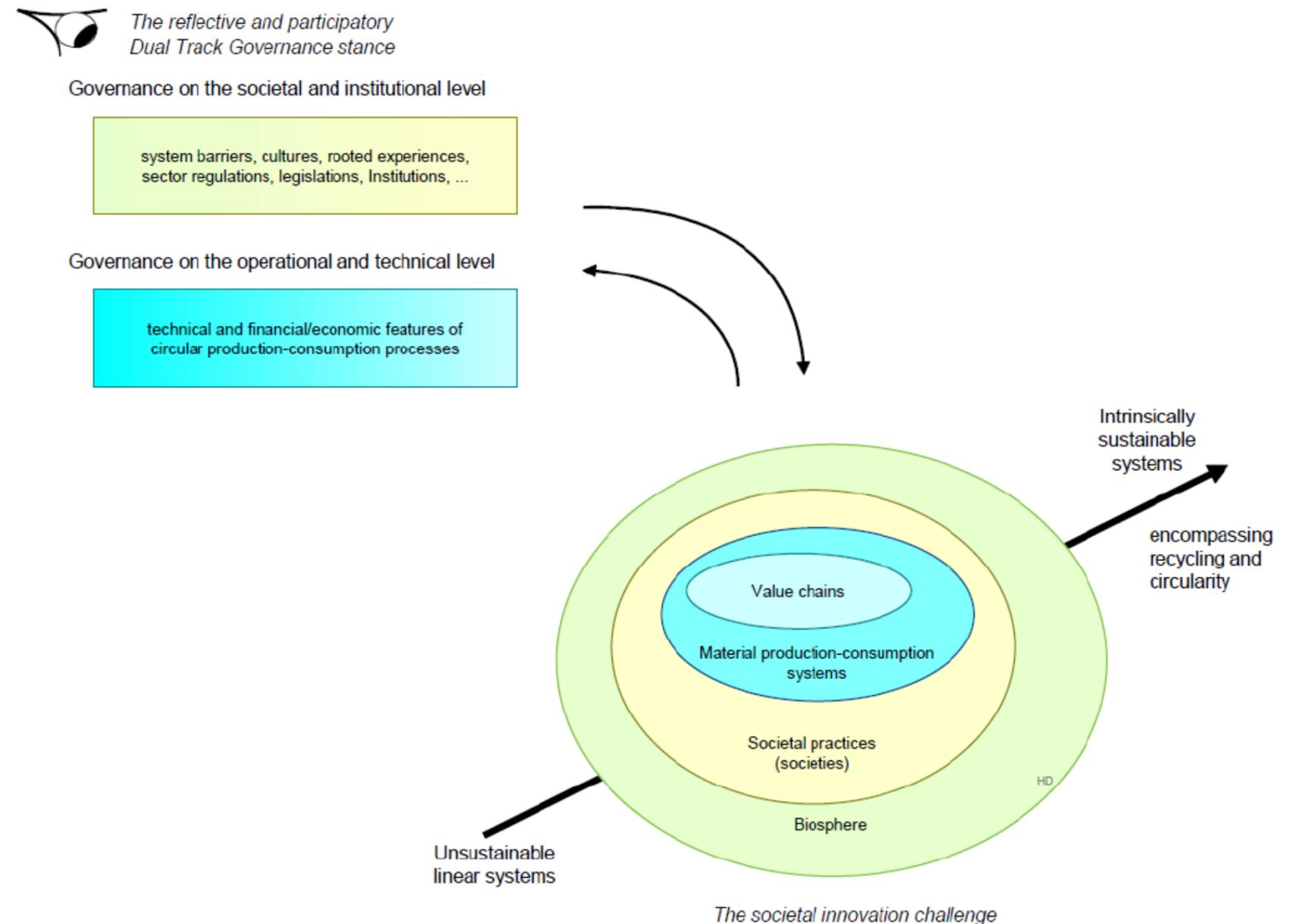


Dual Track Governance in practice

A hybrid model bridging **top-down policies** with **bottom-up innovation** to drive a circular plastics economy.

Key features:

- Aligns actions across **multiple levels and actors**
- **Integrates diverse perspectives** into decision-making
- **Translates EU strategies** into regional actions
- Supports **collaborative development of circular solutions**



Syschemiq's path to sustainability



Activities

The activities of the Syschemiq project are divided into different thematic areas, organised into Work Packages, each with specific objectives and activities. These packages **work in synergy to address the technical, economic and social challenges related to the transition to a circular plastics economy.**



Developing a joint circular governance model and tools (PRISM, CIMS and GEO Tool) to support governance of the regional circular plastics economy.



Building circular solutions for plastic: From design to recycling including:

- New design rules for plastic packaging products;
- New aligned plastic waste collection and sorting;
- New sorting installation, mechanical & chemical recycling technologies.



Replication strategies (based on cross-regional business model and business case) and scenarios towards the other EU-regions.

Why does this matter?

Plastic, after paper, is the material most often used in **packaging** and converted into **waste**. The European Commission estimates that there could be a **46% increase in plastic packaging waste by 2030**.

EU Targets

- **50%** recycling rate by **2025**
- **55%** by **2030**

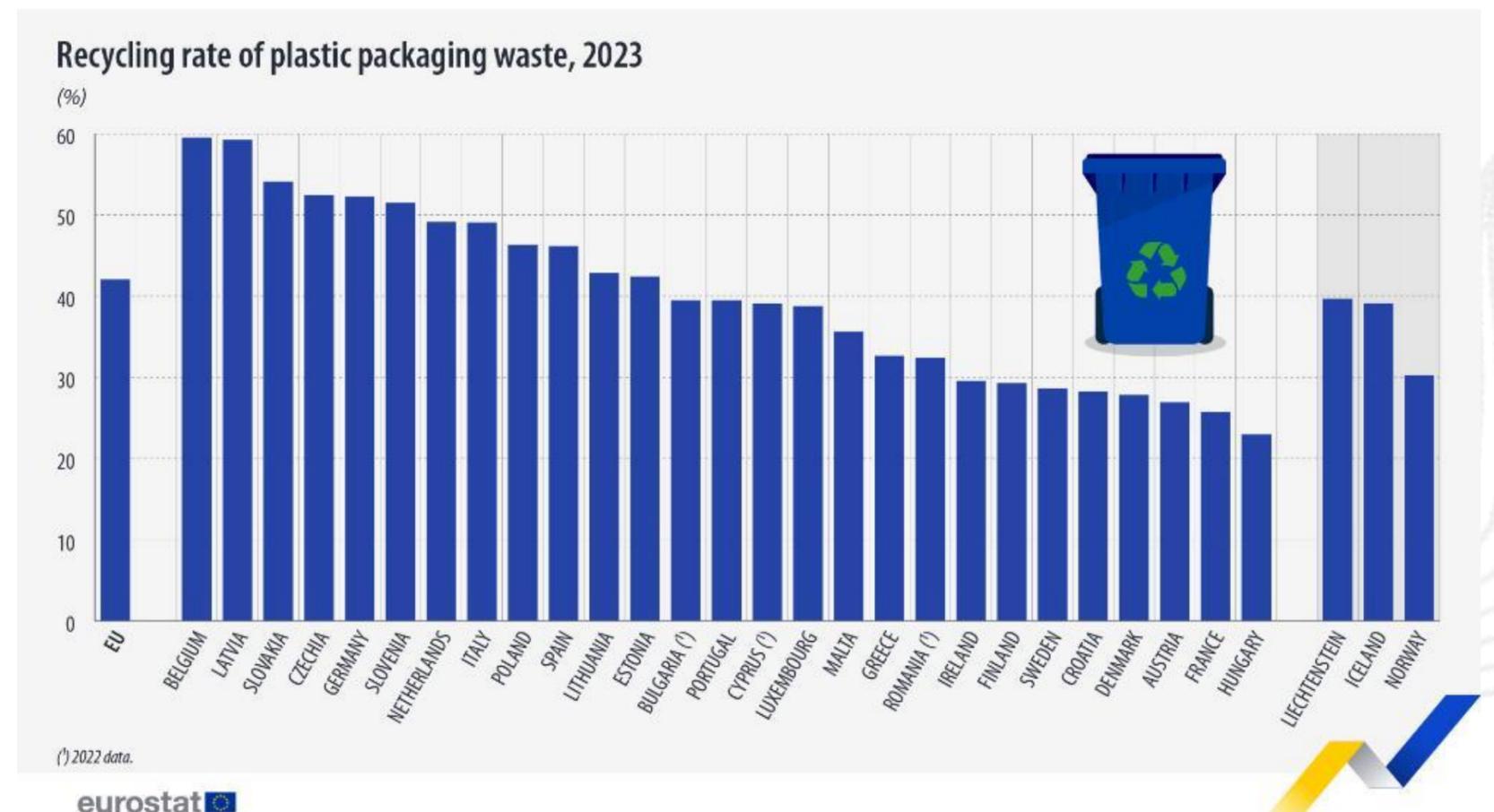
Current situation (2023): **≈ 42%** of plastic packaging **recycled** in the EU

Trends

- slow but steady growth
- ~38% in 2013 → ~42% in 2023

Differences between Countries

- some countries already exceed 50%
- others are still below 30%



Today's workshop



Consolidation phase

Aimed at **combining scenario-based insights** and **translating them into governance and policy** relevant **messages** through comparative territorial dialogue.



Reflection and synthesis

Focusing on reflecting on existing scenarios and policy packages, thus allowing **territorial challenges and priorities** to emerge through comparison and discussion.



Multi-Level discussion

Aiming to bring together country-level representatives, SYSCHEMIQ partners and twinning regions to discuss the **relevance, feasibility and transferability of scenarios and policy packages.**



Encourage replicability

Enable models, policies, and approaches **to be adapted and applied in other contexts.**

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