

TRANSIENCE – AMIGDALA stakeholder engagement workshop

CEPS, Place du Congres 1, Brussels (Conference Room)

10 December PM (14:00-18:00)

Lunch from 13:00 to 14:00

Building on a successful first round of stakeholder engagement, the Horizon Europe projects **AMIGDALA** and **TRANSIENCE** have reached important milestones in their research on pathways towards a sustainable, efficient, and competitive European industry. As such, they are pleased to host a second **joint engagement workshop**, which will once again bring together key policy and industry representatives to present results and collect feedback and further input.

The event will be structured around **two dedicated sessions**.

The **first session** will provide an opportunity for the projects to present their progress in developing new instrumental capabilities for integrated assessments of European industry. It will then open the floor for discussion with and feedback from the **European Commission**, the **A.SPIRE Association**, and other stakeholders, towards refining the projects' direction and ensuring they remain well aligned with European policy and industry priorities and expectations.

The **second session** will adopt a participatory workshop format to collect **sectoral perspectives** on how circular economy and decarbonisation measures can enhance the efficiency of European industrial systems, focusing in particular on the **plastics** and **steel** sectors. Participants will discuss, in two dedicated breakout groups, the potential impacts of specific circularity cases—namely in plastics packaging and passenger vehicles—on material flows, recycling potentials within the EU, and their linkages to global trade flows. The objective is to identify key drivers and barriers for targeted circularity interventions as well as validate modelling assumptions, providing direct input to the projects' case studies and modelling work.

The Horizon Europe research projects AMIGDALA and TRANSIENCE (2024–2027) were awarded under call HORIZON-CL4-2023-TWIN-TRANSITION-01-36: “Modelling industry transition to climate neutrality, sustainability and circularity” (Processes4Planet partnership). For more information on the projects, visit <https://amigdalaproject.eu/> and <https://www.transience.eu/>

Agenda

- 13:00 - 14:00 **Welcome, registration, and lunch**
- 14:00 - 14:10 **Opening and general introduction to the event**
Centre for European Policy Studies (CEPS)

Session 1 – Projects' updates and high-level feedback

14:10 - 15:00	AMIGDALA: A proof-of-concept for an integrated industrial modelling framework Frank Wubbolts, AMIGDALA Project Coordinator, TNO <i>Followed by feedback and discussion</i>
15:00 – 15:50	TRANSCIENCE: Overarching analytical framework and modules for assessing industrial circularity, decarbonisation, and sustainability Alexandros Nikas, TRANSCIENCE Project Coordinator, ICCS-NTUA <i>Followed by feedback and discussion</i>

- 15:50 – 16:10 **Coffee break**

Session 2 – Workshop: role and impact of circularity for the plastics and steel sectors

16:10 – 16:30	Introduction of the case study & presentation of the breakout sessions
16:30 – 17:15	Parallel breakout sessions • <i>Breakout 1: Chemicals & plastic packaging</i> • <i>Breakout 2: Automotive & steel</i>
17:15 – 17:45	Plenary discussion & feedback from breakouts
17:45 - 18:00	Summary & concluding remarks