

# LOCOMOTION: Modeling the Way to a Greener and more Just Future

Date: 26th of October

Location: Mundo Madou, Artemisia + room

This event is part of the final policy event of the Horizon 2020 project called [LOCOMOTION](#) ('Low-carbon society: an enhanced modelling tool for the transition to sustainability') taking place in Brussels on the 26th of October. The event is divided in two parts. **The first part** is targeted towards Civil Society and aims to present the latest findings emerging from the project in five different areas (see the agenda) as well as its policy recommendations for the EU's green and just transition. In addition to its findings, we aim to discuss its implications for advocacy and how integrated assessment models can support their work. **The second part** is targeted towards policymakers and modelling experts and aims to describe the main features and modules of WILIAM, as well as present a selection of case studies showcasing the capabilities of the model, highlighting the insights arising from module integration.

One of the fundamental aims of LOCOMOTION is to improve climate and environmental policymaking. The LOCOMOTION model (WILIAM) models the interlinkages of different policy measures increasing the transparency, realism and acceptance of different policy scenarios. In the end, LOCOMOTION will help policymakers and civil society to identify the most effective pathways towards a sustainable and climate-neutral society.

## Agenda:

### Part one (CSO): 5 Science-Based Advices for the EU's Green Transition 2.0

**8:45 to 9:00:** Arrival and coffee

**9:00 to 9:10:** Welcome and introduction by EEB

**9:10 to 10:35:** Presentations of results by LOCOMOTION partners

- General Overview of the new Within Limits IAM (WILIAM)
- Presentation of key findings:
  - The Economic and social impact of Universal Basic Income in Europe
  - Global analysis of the competition between land uses for food and energy
  - The nexus of economy, energy and fossil fuel extraction
  - The Future of Hydrogen in the EU
  - Transport electrification and critical raw materials

**10:35 to 10:50:** Coffee break

**10:50 to 11:30:** Continuation of presentations and Q&A

**11:30 to 12:00:** Moderated discussion with CSOs

**12:00 to 13:00:** Lunch break

Please register [here](#). Virtually participation in the first part of the event is possible.



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**Part two (for policymakers and experts who have prior modelling experience):  
Charting the Path to a Sustainable Tomorrow: Insights from LOCOMOTION**

**12:00 to 13:00:** Lunch

**13:00 to 13:05:** Welcome and introduction by EEB

**13:05 to 13:15:** Remarks from the European Commission by Katarzyna Drabicka, Team Leader – Climate Team at DG Research and Innovation

**13:15 to 14:30:** In-depth presentations of different aspects of the model by LOCOMOTION partners

- General Overview of the new Within Limits IAM (WILIAM)
- Presentation of the different modules which compose WILIAM
  - Demography and society
  - Economy and finance
  - Environment module : land-use, water and climate
  - Energy
  - Materials
- Presentation of a selection of case studies showcasing the power of module integration

**14:30 to 14:45:** Coffee Break

**14:45 to 15:45:** Continuation of presentations and Q&A

**15:45 to 16:15:** Moderated discussion with policymakers and experts

**16:15 to 16:30 :** Wrap up

Please register [here](#).



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