



## PHOTORAMA EUSEW Energy Day on PV circularity Brussels, Wednesday 21 June 2023, 9:00-14:00h

The H2020 PHOTORAMA project (<u>https://www.photorama-project.eu/</u>) is working on a photovoltaic (PV) circular model focusing on PV waste management. It organises a halfday workshop on developments in PV circularity, its framework conditions and legal perspectives in Brussels, Belgium.

This workshop takes place in the frame of the European Sustainable Energy Week (EUSEW) and features as a EUSEW Energy Day: <u>https://sustainable-energy-week.ec.europa.eu/sustainable-energy-days\_en</u>

Date: Wednesday, 21 June 2023, 9:00-14:00h

**Location**: Permanent Representation of Austria to the EU, Av. de Cortenbergh 30, 1040 Brussels (in the EU quarter, close to EC Charlemagne Building)

**Participants:** about 30 experts and stakeholders working on energy and related fields, participants in EUSEW, stakeholders of PHOTORAMA and other EU funded projects in the field.

Registration: event is free of charge, registration is required

## Procedure:

- The PHOTORAMA Energy Day will be held face-to-face in Brussels, Belgium, in the frame of EUSEW.
- It will mix interactive methods (quiz, exposition of PHOTORAMA samples), presentations, and Question & Answer sessions.
- It will be organised and moderated by Centre for Social Innovation (ZSI).

## Purpose of PHOTORAMA EUSEW Energy Day

PHOTORAMA's main objective is to increase the circularity of PV panels. Beyond developing appropriate technologies to recycle PV panels, PHOTORAMA aims to understand under which conditions and in what contexts those technologies can be introduced.<sup>1</sup>

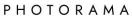
At this PHOTORAMA EUSEW Energy Day we will give an update on PHOTORAMA work, as well as of related EU funded projects such as CIRCUSOL. Key issues we plan to discuss at the Energy Day include:

- What is the status of PV waste management and recycling in Europe and PHOTORAMA's contribution to it?
- Highlights on PV waste stream, collection stage and standards for waste characterisation.
- What are the perspectives of the EU legal framework for PV waste management?
- What are the perspectives for glass recycling from PV panels?
- PV circular model: what about re-use of PV panels and recovered materials in Europe?

<sup>&</sup>lt;sup>1</sup> See our PHOTORAMA blog section for preliminary results of our stakeholder survey on awareness of PV panel related issues and recyclability, and co-creation workshops on technology aspects and framework conditions for PV recycling:

<sup>&</sup>lt;u>https://www.photorama-project.eu/we-asked-the-stakeholders-answered-current-knowledge-about-pv-panel-recycling-in-the-eu/</u>







- What kind of framework conditions are key for making PV circularity a success: Political, • Economic, Social acceptance, Technological, Environmental, and Legal/regulation<sup>2</sup> factors in the external environment?
- Explaining PHOTORAMA samples, such as delaminated PV panels. ٠

	Agenda
	Velcome & Introduction
	e on PV recycling and its framework conditions
Manfred Spiesbe	erger, Tess Landon (ZSI, Austria)
09:20 – The PHOTORAMA solut	ions to PV recycling and raw material recovery
	ves and technological development, (2) Status,
	gal perspectives (30min) and Q&A session (10min)
Claire Agraffeil (CEA	, France, PHOTORAMA coordinator)
10:00 – European Critical Raw N	Naterials (CRM) Act: Proposal for a Regulation -
establishing a framework for ensur	ring a secure and sustainable supply of critical raw
Maria Nulana (European Course	materials
Maria Nyberg (European Commis	ssion, DG Grow, Belgium); 20min presentation & 10min Q&A
	s for critical raw materials from EoL products
-	CL4-2023-RESILIENCE-01-05)
Susana Xara (European Commissio	on, HaDEA, Belgium); 10min presentation & 5min
	Q&A
10:45 – Glas	ss recycling from PV panels
	/cling/Renewi, Belgium, plant manager); 20min
prese	entation & 5min Q&A
	11:10
	Coffee Break
11:40 – Supply chain analysis a	and material demand related to Photovoltaics
Michalis Christou, Samuel Carrara	a (European Commission, Joint Research Centre);
20min pr	resentation & 5min Q&A
12:05 – The WEEE forum persp	pective on overhauling the Extended Producer
-	lity (EPR), relevance for PV
Pascal Leroy (WEEE forum, Belgiu	m, Director General); 20min presentation & 5min
	Q&A
12:30 – CIRCUSOL project: circular	business models for the PV sector- PV reuse in EU
n	narket segments
Tom Rommons (V/ITO Relatium So	niar Desservation & CIDCULCOL secondinator), 20min
	nior Researcher & CIRCUSOL coordinator); 20min entation & 5min Q&A

<sup>&</sup>lt;sup>2</sup> See for example our blog article *EU regulation pushing forward PV recycling: the WEEE directive:* https://www.photorama-project.eu/eu-regulation-pushing-forward-pv-recycling-the-weee-directive/





**12:55 – Wrap-up & Closing** Claire Agraffeil (CEA) & Manfred Spiesberger (ZSI)

13:00

Light lunch (sandwiches) & networking Check out the PHOTORAMA samples, e.g. delaminated PV panels, etc. – guided visit

> 14:00 End of PHOTORAMA EUSEW Energy Day