

Open Day – PV recycling Pilot Line Visit

Tangermünde, Wednesday 9 April 2025

The EU PHOTORAMA project develops a circular model for photovoltaic (PV) focusing on waste management. It organises a visit to its Pilot Line /Open Day for demonstrating the PHOTORAMA technologies for PV recycling. This will be accompanied by a half-day technical workshop.







Date:

Wednesday 9 April 2025, 09:00-12:00 workshop, 13:00-17:00 Pilot line visit / visit of Tangermünde

Location:

Hotel Schloss Tangermünde, Schloßfreiheit, Tagungszentrum Königin Luise & Luxchemtech, 39590 Tangermünde, Querstraße 2, Germany

Tangermünde – one of the most beautiful small towns in Germany.





Winner of the Innovation Awards EUSEW2024





Registration:

The event is **free of charge**, including coffee breaks & light lunch at the conference centre. **Registration is required by Friday**, **28 February 2025** under this <u>link</u>.

Activities:

- Workshop: PHOTORAMA technical processes for PV panel disassembly, delamination and material recovery; Hotel Schloss Tangermünde, Schloßfreiheit, Tagungszentrum Königin Luise.
- Pilot Line visit and sample exhibition at the facilities of PHOTORAMA partner Luxchemtech, Querstraße 2, Tangermünde.
- City tour of the historic town of Tangermünde /sightseeing.

Draft Agenda:

Agenda

Workshop 9:00-13:00,

Location: Hotel Schloss Tangermünde, Schloßfreiheit, Tagungszentrum Königin Luise

09:00 - Welcome Coffee & Networking

9:15 Introduction & warm-up

What is the status of PV recycling? What are your expectations for PV recycling in the years to come?

Claire Agraffeil (CEA, France, PHOTORAMA coordinator), Manfred Spiesberger, Laure-Anne Plumhans (ZSI, Austria)

09:30 – The PHOTORAMA solutions to PV recycling and raw material recovery

(1) Objectives & strategy for high-value recycling (2) Technological development (20min) and Q&A session (10min)

Claire Agraffeil (CEA, France, PHOTORAMA coordinator)

10:00 - PHOTORAMA Pilot Line

Elements/machinery, working conditions, challenges & perspectives Wolfram Palitzsch (Luxchemtech); 20min presentation & 10min Q&A

10:30 Coffee Break

11:00 - PHOTORAMA Material recovery

Wolfram Palitzsch (Luxchemtech), Ana Maria Martinez & Goril Jahrsengene (SINTEF, Norway); 10min presentation & 5min Q&A

11:15 - PHOTORAMA digital twin

Maria Rueda, (IDENER, Spain); 10min presentation & 5 min Q&A





11:30 - Glass recycling from PV panels

Wim Merket (Maltha Glass recycling/Renewi, Belgium, plant manager); 10min presentation & 5min Q&A

11:45 – Artistic approaches to Photovoltaics and the energy transition Judith Fegerl (http://judithfegerl.net/); 10min presentation & 5min Q&A

12:00 - Wrap-up & Instructions for Pilot Line & Tangermünde visits Claire Agraffeil (CEA) & Wolfram Palitzsch & Manfred Spiesberger (ZSI)

12:10

Light lunch & networking

Check out the PHOTORAMA samples, e.g. delaminated PV panels, etc. – guided visit

Pilot line visit 13:00-15:00, Location: Luxchemtech, Querstraße 2, Tangermünde

13:00 Bus transfer

to Pilot Line site at Luxchemtech, Querstraße 2, Tangermünde

13:15 Pilot Line visit

Explanation & demonstration of PHOTORAMA equipment for PV recycling; in small groups guided by PHOTORAMA partners

15:30 Bus transfer

to Schloss Tangermünde

Excursion in the historic town of Tangermünde 15:45-17:00,

Tour with English speaking tourist guide

How to get to Tangermünde:

You can reach Tangermünde through Berlin, Hannover or Magdeburg, e.g. <u>by train</u> connection.

Contacts:

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