

Photovoltaics: towards a sustainable industry



PROGRAMME

Day 1 - Tuesday March 9th – 14:00 - 16:00

>>> 14:00 - Introduction – **CEA – INES** - Claire Agraffeil

1st session | 14:15 >>> Sustainability

SolarPower Europe - Aurélie Beauvais - Up to the challenge - Solar's contribution to environmental, social and economic sustainability goals

NREL - IEA-PVPS Task12 - Garvin Heath - Sustainability of PV – status, opportunities and challenges in a Terwatt era

2nd session | 15:00 >>> Industry best practices

ENEL GREEN POWER - Fabrizio Bizzarri - PV Industry Innovative solutions for a sustainable future

REC - Shankar Sridhara - Quality beyond expectations

LONGI - Chen Zhu - Hi-MO 4 Innovation of LCOE solution

>>> organized by



>>> with the support of



March 9th -10th - 11th 2021
Online workshop

REGISTRATION

<https://www.ines-solaire.org/fr/evenements/ecopv2021/>
Fee | 260 EUR

Contact | audrey.joly@ines-solaire.org

>>> www.ines-solaire.org



Day 2 - Wednesday March 10th – 10:00 - 15:30

3rd session | 10:00 >>> LCA & LCC

UNSW - Rong Deng - Comparative economic assessment of silicon photovoltaic module recycling by glass recycling, mechanical recycling and thermal recycling

Bifa Umweltinstitut GmbH - Karsten Wambach - Life Cycle Approach And Circular Economy of Photovoltaics Covering the Full Value Chain

EC-JRC - Fulvio Ardente - Recovery of critical and precious metals from silicon PV panel recycling

4th session | 11:00 >>> Policies & legislations

EC-DG GROW - Davide Polverini - Eco-design directive - Decisions & perspectives

PV Cycle - Jan Clyncke - State of play - PV Recycling legislations

|| LUNCH BREAK ||

5th session | 14:00 >>> Ecodesign

Trinity College Dublin - John Gallagher - Eco-design: it all starts with design

EXXERGY - Thomas Sauer - The inconvenient truth: How to separate chaff from wheat in the PV ecosystem

6th session | 14:45 >>> Quality & reliability

OFI - Gabriele Eder / PCCL - Ernot Oreski - Repair options for cracked backsheets

Fraunhofer-ISE - Sina Herceg / Karl-Anders Weiss - Green Manufacturing initiative

Day 3 - Thursday March 11th – 10:00 - 15:45

7th session | 10:00 >>> Waste management

COLLECTION

PV Cycle France - Nicolas Defrenne - Challenges of PV waste collection

RECYCLING

NPC - Taisuke Doi - NPC new equipment for PV module recycling, status of recycling in Japan

LuxChemtech - Wolfram Palitzsch - PV Recycling – the long way to circular economy

TIALPI - Lodovico Ramon - FRELP By Sun - Full Recovery End of Life Photovoltaic by the energy from the sun

EXPERIENCES FROM OTHER FIELDS

WEEE forum - Pascal Leroy / Eniko Hajosi - The WEEE Forum, tackling the e-waste problem, in Europe and beyond

Votechnik - Lisa O'Donoghue - Application of robotics as a disruptive technology for LCD recycling

|| LUNCH BREAK ||

8th session | 14:00 >>> Circular strategies

SOLAR INDUSTRY

VITO - Tom Rommens - Circular business models for the solar power industry - Circisol project

First Solar - Andreas Wade - Circularity - a pre-requisite for terawatt scale Photovoltaics

OTHER MODELS & PERSPECTIVES

ZSI - Gorazd Weiss - The Rain Model - A Regional Circular Living Lab Business Concept

ECOCEM - Thomas Wattez - Circular Economy in Civil Engineering: ECOCEM's waste upcycling approach

|| Conclusions & perspectives – Edition 2022 ||