



ReSi-Norm

Towards a Holistic Approach for PV Recycling

The project ReSi-Norm – Standardization of Recycling Processes for Silicon Solar Modules – invites you to join the discussion at the workshop on:

■ **29 June 2022, 12:30 – 17:00**

Target audience:

Representatives from recycling companies, distributing companies, refiners and R&D communities.

Workshop content:

Solar energy plays a major role in the renewable energy mix. Even though the lifetime of PV modules is quite long and they remain in operation for up to 30 years, they will have to be disposed of at some point and, in the best case, recycled.

Already today, different processes and concepts for the recycling of discarded PV modules are in use. However, due to a lack of standardization of recycling processes for PV modules, the full potential of recycling cannot be exploited. A holistic approach for solar module recycling is being realized in the project ReSi-Norm, which covers all factors for standardization along the entire materials cycle.

During this workshop, the partners of the project ReSi-Norm will give an overview of the current state-of-the-art in PV recycling and present the results of the experiments on different recycling processes done in the project. Furthermore, gaps in current standards and how to address them will be discussed with the audience.

Registration and Information:

Alexandra Fabricius, DKE, Merianstrasse 28, D-63069 Offenbach am Main, Phone: +49 69 6308-453
Please register via e-mail to alexandra.fabricius@vde.com until **22 June 2022**.

Venue: EPFL Microcity (Room B1 303)
Rue de la Maladière 71B
2000 Neuchâtel (Switzerland)

The workshop is free of charge.

To learn more about the project ReSi-Norm, please visit the [website](#).

This workshop is organized next to the [2022 SOPHIA-workshop 'PV-Module Reliability'](#) which will be held from **30 June to 01 July 2022** in Neuchâtel, Switzerland.

Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages

Agenda:

29 June 2022, Neuchâtel, Switzerland

- 12:30 – 12:40 [Welcome and Introduction](#)
Alexandra Fabricius, DKE German Commission for Electrical, Electronic & Information Technologies
- 12:40 – 13:15 [The State of the Art in PV Recycling](#)
Norbert Lenck, VDE Renewables GmbH
- 13:15 – 13:55 [Results from Practical Application and Research](#)
Daniel Horn, Fraunhofer IWKS
Benjamin Hagelgans, Hensel Recycling GmbH
- 13:55 – 14:15 [Overview of the Status Quo in Standardization](#)
Alexandra Fabricius, DKE German Commission for Electrical, Electronic & Information Technologies
- 14:15 – 15:15 [Breakout Session: Gaps in Standardization](#)
What is needed for a holistic approach to PV recycling?
- 15:15 – 16:00 [Coffee Break](#)
- 16:00 – 16:30 [Presentation of Results from the Breakout Sessions](#)
Session Moderators
- 16:30 – 16:55 [Standardization Activities of the Project ReSi-Norm](#)
Norbert Lenck, VDE Renewables GmbH
- 16:55 – 17:00 [Wrap-up](#)
Alexandra Fabricius, DKE German Commission for Electrical, Electronic & Information Technologies

In cooperation with:

