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PV Recycling: More Than 100 Plants in Operation Worldwide

More than 100 plants for recycling solar panels are currently in operation worldwide. Around 20 projects are in various stages of planning. This is according to a new trend study by ecoprolog.

The recycling of solar panels is one of the recycling markets with the greatest potential for growth. This growth will be accelerated in the coming years by the global boom in photovoltaics.

As a result of the PV boom, all currently available forecasts predict a sharp increase in waste volumes from 2030 and further exponential growth in subsequent years.

There are currently more than 100 plants in operation worldwide that focus on the recycling of solar panels.

Some of the existing plants are still in their pilot phase. At present, many plants cannot be operated profitably. A major reason for this is a global lack of PV waste available for material recycling. For the current market players, securing market shares through investments presents a risk as a return on investment may still be years away.

Nevertheless, as part of its new trend report on photovoltaic recycling, ecoprolog has identified around 20 plants in project stage.

On a global scale, the competition shows regional differences. In Asia, for example, the recycling of solar panels is dominated by e-scrap recyclers, whereas in Europe the glass industry is more involved.

About the Trend Study Photovoltaic Recycling

ecoprolog's new Trend Study Photovoltaic Recycling examines the technical aspects of PV recycling and also provides an up-to-date assessment of market factors, the state of development and competition in PV recycling. The study includes data on existing plants and ongoing projects in six regions of the world. The report is currently available in German language. Please find an extract at www.ecoprolog.com.

About ecoprolog

ecoprolog is a consultancy specialising in the fields of environmental and energy technology. In these markets ecoprolog is working as a market consultant for 18 years as an established industry insider. Typical activities of ecoprolog include market and competition analyses, commercial due diligence, economic feasibility studies and material flow analyses.

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