

Collection system

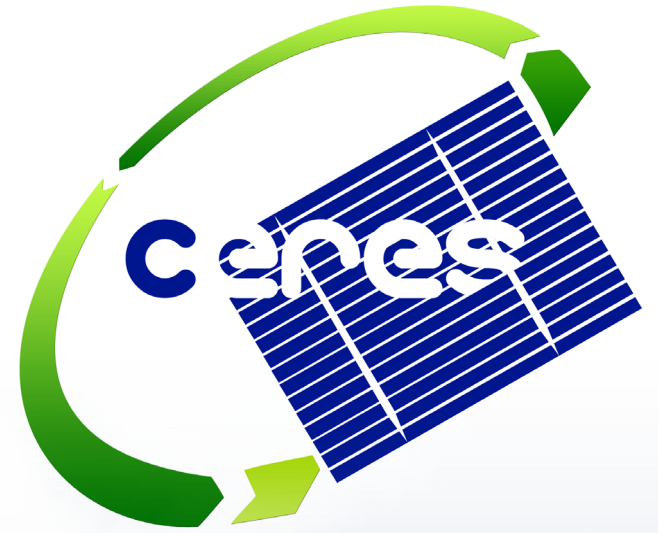


CERES

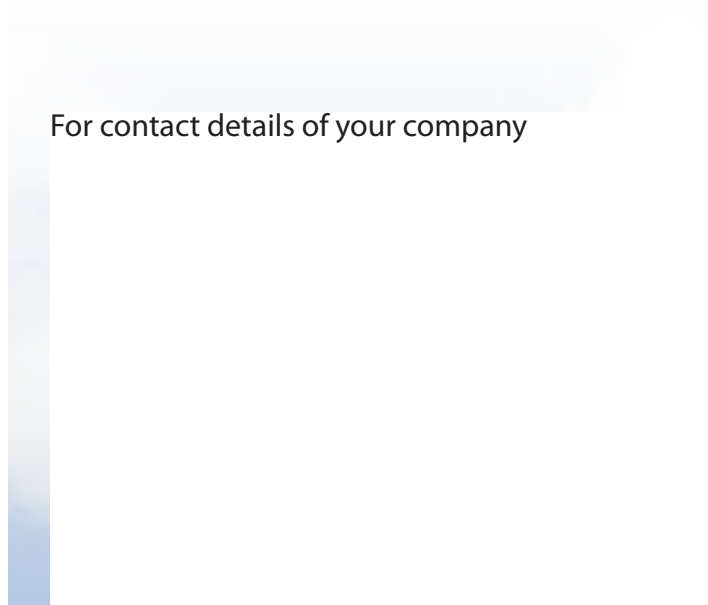
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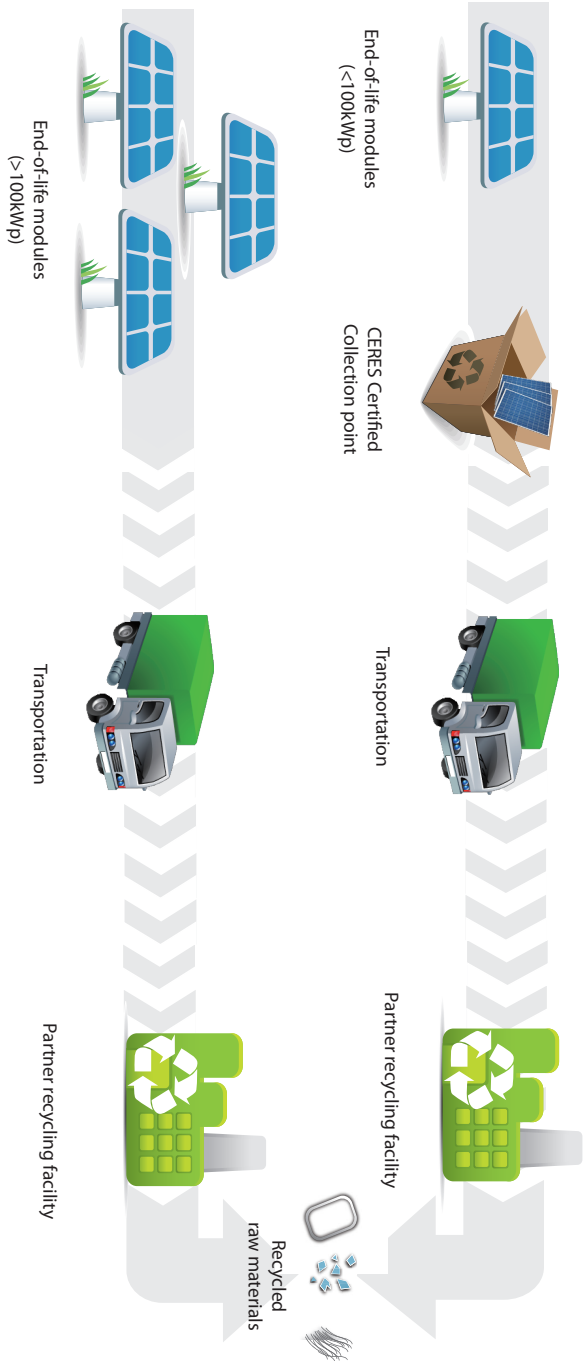
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For contact details of your company



Presentation



Recycling challenges

PV modules, a waste like no other

Collecting and recycling end-of-life photovoltaic modules has been made mandatory by the European Union. It is a chance for the industry to show its commitment to a greener and sustainable future.

Photovoltaic modules, by their design and long product life, need to be collected separately from other waste streams and require special.

Recycling rate

The modules can currently be recycled up to 85% of their weight and up of 70% of their value:

- silicon can be recycled up to 5 times in order to manufacture various new products such as new photovoltaic modules, microprocessors, etc;
- aluminum and glass are recycled and can be reused in any production;
- rare metals (silver, copper, etc) are recovered and reused by industries with high added value.



Recycling allows the conservation of natural resources (raw materials extracted), energy savings (glass made from recycled glass consumes less energy than when it is made from sand) and limits pollution risks

Environmental approach



CERES and its members are committed to building a sustainable photovoltaic industry

Each year, thousands of PV modules are disposed of and represent a major environmental challenge. CERES has two main targets in its approach of recycling:

- achieving economic viability
- improving the ecological impact

Simple, safe and economical

The CERES collection network is open and accessible free of charge to end-users. Please visit our website www.ceres-recycle.org to find out the closest collection point

Accountability

Responsibility: a key principle to keep in mind

With the recasted WEEE Directive, producers of PV modules will be required to:

- organize, free of charge for the module owner, the collection and treatment of their end-of-life PV modules.
- achieve mandatory reuse, collection and recycling targets.



Who is producer under WEEE?

Anybody, who independently from the distribution channel:

- manufactures PV modules for sales in the European Union (EU).
- imports PV modules to the European Union.
- distributes PV modules of another manufacturer under the own company brand in the European Union
- distributes, by any other mean, PV modules in the European Union.

CERES enable producers to comply with these requirements - in all countries of the European Union.