





## The project

aims to develop technological solutions for reusing Silicon, recycling PV modules and designing new products.

In particular, it will identify pathways to reduce the environmental impact of Solar Panel production.

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 RESiLEX Project



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# Reducing the EU Dependence on critical raw materials for solar panel production

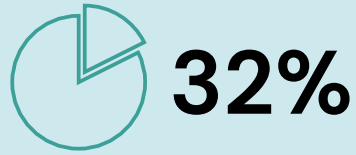


## Resilex aims to improve the resilience and sustainability of the entire Silicon value chain in the EU

Reducing EU dependence on Silicon imports from third countries.

Developing a new carbon-free and more efficient process for the production of Silicon.

Recycling end-of-use solar PV panels for producing Li-ion batteries.



Share of EU sourced Silicon used in solar panel production



EU dependence on Silicon imports from China



End-of-life Silicon metals recycled today in the EU



## Silicon

One of the few critical raw materials used in several renewable key sectors, from batteries to PV and ICT

