The most recent analysis of strategic dependencies of European industrial ecosystems, including solar photovoltaics (PV), is covered in a dedicated in depth review. This report from Commission services showed a very high dependency on Chinese imports across several parts of the solar PV value chain. Still, the EU is one of the main global producers of polysilicon, with the capacity to diversify from Chinese imports. It is however not the case with other parts of the solar PV value chain.

One flagship of the Solar Strategy adopted on 18 May 2022 alongside the REPowerEU plan is the establishment of a ‘Solar PV Industry Alliance’. It will bring together industrial actors, research institutes, consumer associations and other stakeholders to diversify supplies through more diverse imports and scaled up manufacturing of next generation solar cells and panels. It will cover the whole value chain, technology, industrial supply chain, finance, regulation, skills and citizen engagement, and provide advice for the solar industry to engage and exchange with the Commission and the Member States. The Commission plans to launch this industrial alliance in the coming months.

1 https://ec.europa.eu/docsroom/documents/48878
2 https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=COM%3A2022%3A221%3AEN&qid=1653034500503
3 https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=COM%3A2022%3A230%3AEN