

JA Solar's Integrated Traceability System

What is traceability and why does it matter?

Traceability is the ability to monitor material flows across the supply and production chain. It is meant to ensure and to clarify on where materials come from, how they move through production, and how they are transformed along the way. Customers, stakeholders, responsible sourcing requirements and local laws may require transparency as to the origin of materials and items throughout the supply chain. These requirements can only be met by a comprehensive traceability system with consistent record-keeping, inventory audits, reporting, data entry, and data flow across systems.

JA Solar's Integrated Traceability System (ITS)

As a company that is vertically integrated up the ingot level of the polysilicon supply chain, JA Solar is very well positioned to trace. JA Solar has invested heavily and created our integrated traceability system (ITS). ITS is a comprehensive traceability system that -- by way of defined protocols and processes -- allows JA Solar to track material movement across the polysilicon supply chain to the final module production.

JA Solar also works with independent third-party experts to assess the traceability capabilities of key suppliers. This approach includes upstream supply chain mapping and the independent validation of sourcing claims made by suppliers regarding their raw material inputs. This approach ensures up-to-date information about the origin and data accuracy more generally.