The solar industry's seven commitments on digitalisation

1. **Prosumer choice:** We will promote transparency and choice for prosumers in particular encouraging mechanisms for easy switching from one product, platform or aggregator, to another.

2. **Peer-to-peer exchanges:** We will support decentralised peer-to-peer energy exchanges and explore innovative solutions, such as blockchain technology.

3. **Smart and stable grids:** We will collaborate closely with network operators to build smart and stable grids that include solar, storage and flexible demand. These grids will use real-time data to optimise electricity generation and demand. This will also allow the system to maximise the market-based ancillary services that inverters can provide and be remunerated for, such as reactive power and frequency response.

4. **Reducing costs:** We will use digitalisation to make solar more cost-effective both in terms of up-front costs and levelised cost of electricity (LCOE) and increase system availability and reliability, thus enhancing the competitiveness of solar.

5. **Interoperability:** We will encourage the interoperability of software with compatible hardware, to enable the transfer and sharing of data that is both secure and efficient

6. **Data protection and cybersecurity:** We will champion data protection and recommend that all companies active in the solar industry implement state-of-the-art data protection, in-line with established EU-wide principles. We will put in place stringent cybersecurity measures.

7. **Sharing excellence:** We will endeavour to share digitalisation excellence, gathered within the European industry with the rest of the world, with specific emphasis on supporting the developing world.

SolarPower Europe's "Seven commitments on digitalisation" were drawn up by the Digitalisation and Solar Task Force, a group of members within the association working together to ensure that the solar PV sector in Europe makes the most of the opportunities arising from the digitalisation of the energy system. The European solar PV sector commits to these seven points with the aim of aiding the transition to fully digitalised solar. A set of regulatory asks and an in-depth report on the market opportunities for digitalised solar will follow later this year.

SolarPower Europe