



# PV Challenges 2025

## Social Challenges • Technical Challenges

NEDO has organized the current situation and challenges related to solar power generation both domestically and internationally and has formulated the Solar Power Generation Technology Strategy 2025 as a technical approach to be pursued in the future. This strategy presents five key initiatives: (1) development of next-generation solar cells, (2) development of solar power generation systems to expand adoption, (3) addressing diverse needs, (4) ensuring long-term stable power supply from generation facilities, and (5) development of recycling systems aimed at resource circulation. Through these initiatives, NEDO aims to build a sustainable solar power generation system that supports a decarbonized society and achieve carbon neutrality by 2050 based on large-scale adoption of solar power.

