

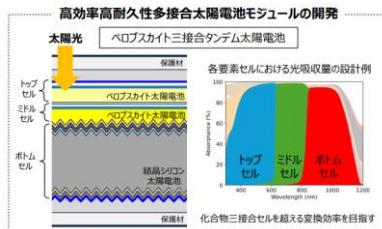


Solar Power Generation Expansion and Technology Development Project

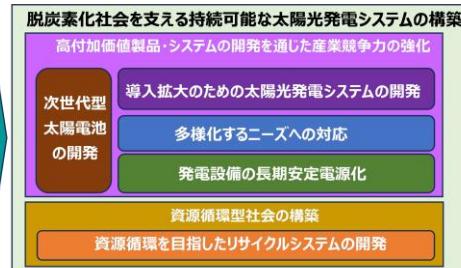
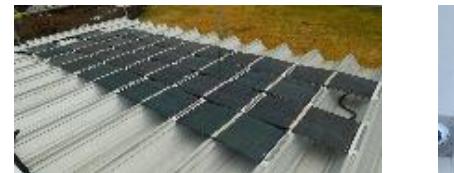
NEDO's Projects

In pursuit of achieving carbon neutrality by 2050, we are exploring the diverse potential of solar cells, developing next-generation solar cells, and creating solar power generation systems tailored to installation sites. Additionally, we are developing technologies to support the large-scale adoption of solar power and maintain it as a stable long-term power source, as well as recycling technologies for solar cell modules. Furthermore, we are also working on developing common foundational technologies required for solar power generation.

(1) Next-generation solar cell technology development

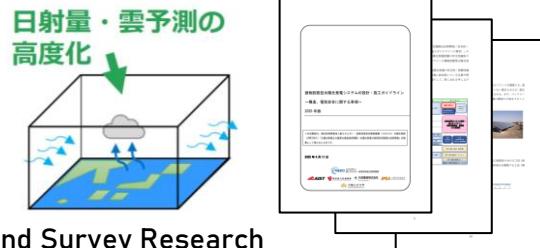


(2) Development of Solar Power System Technology Adapted to Installation Locations

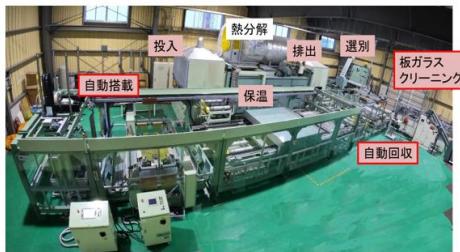


Technical challenges to be addressed in this project (PV Development Strategy 2025)

(3) Development of Technology for Long-Term Stable Power Supply in Power Generation Facilities



(4) Development of Recycling Technologies for a Circular Society



(5) Common Platform Technology Development

