

Table 5 | Priority Fields for International Collaboration

Technology	Details
Integration of solar power generation and building integrated solar technology systems	Solar and PV power generation system, thin-film solar cells, building integrated solar, low-cost, low-pollution and high-purity silicon material production, solar thermal utilization for industrial applications.
Biomass fuels and biomass power generation	Non-food energy crops and ethanol from cellulosic materials, energy forestry, bio-diesel, biomass briquettes and biomass gasification, biogas power generation and more.
Wind power generation	Wind energy resources assessment, large high-efficiency wind turbines, offshore turbines and wind farms.
Hydrogen energy and fuel cell	Technologies for the production, storage and transportation of hydrogen, technologies for new types of fuel cells and fuel cell automobiles.
Natural gas hydrates	Technologies for the exploration, development, storage, transportation, and utilization of gas hydrates.

Source: International Science and Technology Cooperation Program on New and Renewable Energy, 2007