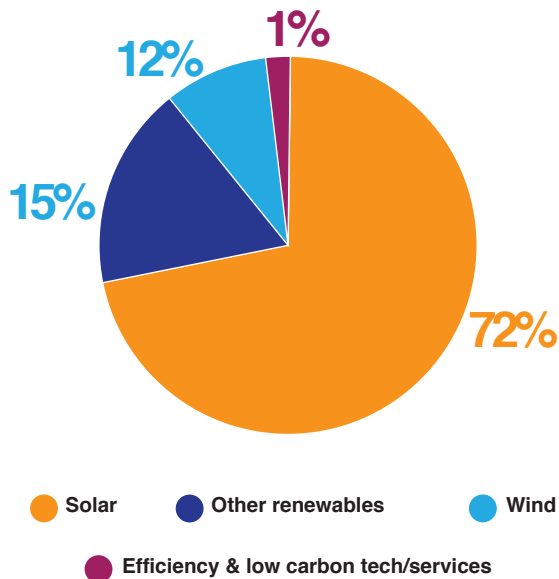


## JAPAN

Clean energy investment in Japan increased a modest 10 percent to \$3.3 billion in 2010, placing it 11<sup>th</sup> among G-20 members. Japan's five-year growth rate in clean energy investments ranks last in the G-20. Japan's clean energy sector is dominated by solar, which received 96 percent of the nation's clean energy investments. Japan has almost 20 gigawatts of installed biomass energy, and its steady adoption of solar energy has resulted in 3.5 GW of installed capacity. Japan has set ambitious targets to source 28 GW from solar and 5 GW from wind by 2020. Active pursuit of these goals would make it one of the G-20's most promising growth markets.

### DISTRIBUTION OF INVESTMENT BY SECTOR (2005-10)



### Finance and Investment (2010)

Total Investment	\$3.5 billion
G-20 Investment Rank	11
Percentage of G-20 Total	0.2%
5-Year Growth Rate	25%

### Installed Clean Energy (2010)

Total Renewable Energy Capacity	26 GW
Percentage of G-20 Total	7%
5-Year Growth Rate	45%

### Key Renewable Energy Sectors

Biomass	19,530 MW
Solar	3,610 MW

### Key Clean Energy Targets (2020)

Wind	5,000 MW
Solar	28,000 MW

### Key Investment Incentives

Solar	PV power buy-back program, residential installation subsidy
Energy Efficiency	Domestic CDM program

### National Clean Energy Policies

Carbon Cap	✓ Auto Efficiency Standards
Carbon Market	✓ Feed-in Tariffs
✓ Renewable Energy Standard	Government Procurement
Clean Energy Tax Incentives	Green Bonds