

ASIA : CHINA

# Sichuan

GDP: **\$433.7bn**Five-year economic growth rate: **16%**Population: **80.8m**Total clean energy investment, 2006-2013: **\$4.3bn**Installed power capacity: **54.6GW**Renewable share: **15.5%**Total clean energy generation: **33,632GWh**

Top energy authority:

**Provincial Development and Reform Commission****CHINA RANKING  
2014****10****OVERALL SCORE  
2014****1.11**

## PARAMETERS AT A GLANCE

Sichuan ranked 10<sup>th</sup> among the 15 Chinese provinces analyzed by *Climatescope* 2014. It scored 1.11, performing best on Greenhouse Gas Management Parameter IV on account of its carbon offset programs and widespread corporate awareness of its energy efficiency initiatives and emission-reduction policies.

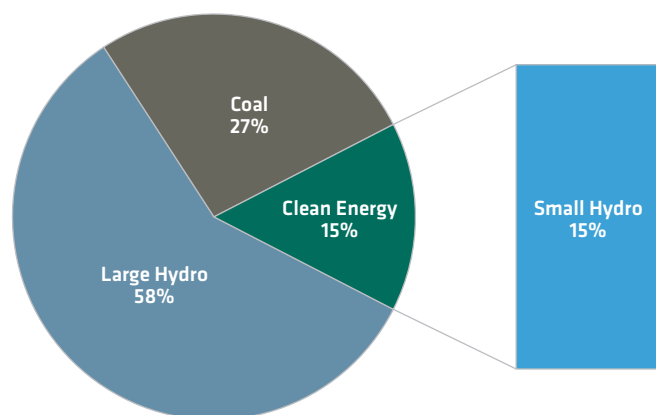
Located in southwest China, Sichuan is a large and diverse province with several major rivers and mountain ranges. It is an important electronics and automobile manufacturing centre and the provincial government is making efforts to host a free trade zone, which would further boost manufacturing. In 2013, its GDP was \$433.7bn.

As part of a national policy to help develop China's central and western regions, Sichuan has lower business tax rates than other parts of the country, including those that apply to energy infrastructure.

Sichuan attracted \$1.0bn in clean energy investment in 2013, a substantial portion of the total \$4.4bn invested between 2006 and 2013. Total renewable energy capacity stood at 8.5GW in 2013, of which 8.1GW was small hydro (however, this sub-sector only accounted for around 65% of total investment).

In 2013, Sichuan sourced 57.2% of its total 212.9TWh electricity needs from large hydropower. Renewable energy forms a significant part of the province's energy mix and corresponded to 15.8% of generation in 2013 and 15.5% of installed capacity.

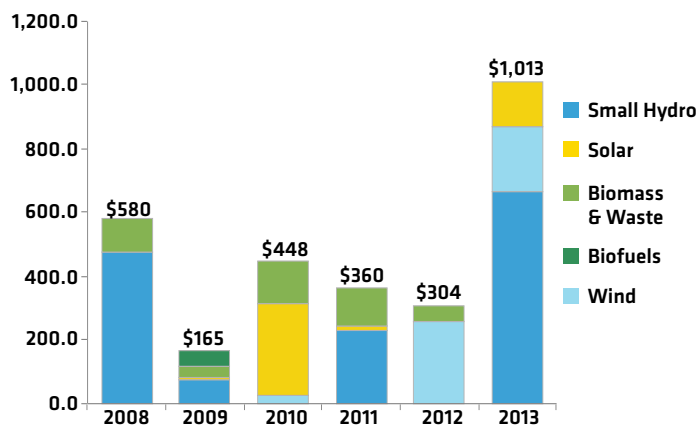
## INSTALLED POWER CAPACITY BY SOURCE, 2013 (%)

**54.6GW total installed capacity**

Source: Bloomberg New Energy Finance, National Energy Administration, Ministry of Water Resources, China Wind Energy Association, China Electric Power Yearbook  
Note: Some values cannot be graphically represented due to scale, please see source data for the complete numbers.

In 2013, the province added new wind and solar capacity, including one relatively large 30MW PV installation; however, small hydropower is expected to remain the dominant clean energy source.

## ANNUAL INVESTMENT IN CLEAN ENERGY, 2008-2013 (\$m)

**\$2.9bn total cumulative investment**

Source: Bloomberg New Energy Finance  
Notes: Total investment includes: Asset Finance, Corporate Finance and Venture Capital / Private Equity Commitments.

For further information, access [www.global-climatescope.org/sichuan](http://www.global-climatescope.org/sichuan)