

# Fujian

GDP: **\$363.7bn**

Five-year economic growth rate: **16.8%**

Population: **38.1m**

Total clean energy investment, 2009-2014: **\$3.9bn**

Installed power capacity: **44.6GW**

Renewable share: **21.3%**

Total clean energy generation: **27.9TWh**

Top energy authority:

**Provincial Development and Reform Commission**

**CHINA RANKING**

**OVERALL SCORE**

2014

2015

2015

**13 14 1.82**

## OVERVIEW

Located on China's southeast coast, Fujian had a GDP of \$387bn in 2014, up 7.8% from 2013.

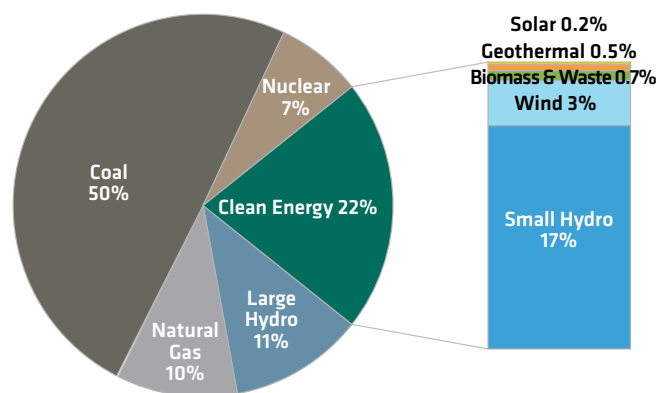
In March 2014, China's State Council announced plans to make Fujian a pilot "eco-province". Its main proposition: reduce Fujian's energy intensity to 20% below the overall national average. The Council also set an implementation goal of having non-fossil fuel consumption vs. primary energy consumption reach 6% higher than national average (11.4% stated in China's 12<sup>th</sup> Five-Year Plan for Energy Development) by year-end 2015.

By the end of 2014, Fujian's total installed power capacity was 44.5GW, with just under 40% or 17.6GW represented by non-thermal sources. Wind today represents just 2% of total generation at 3,800GWh in 2014 (up from 3,600GWh in 2013). Winds are decent in the province; Fujian's average annual wind farm capacity factor was 28.9%, more than 7% above the national average.

Fujian's provincial 12<sup>th</sup> Five-year Energy Development Plan sets targets for wind, biomass & waste, and solar PV at 2,500MW, 400MW and 100MW, respectively by the end of 2015. Fujian will have to build additional 1,000MW of wind, zero for biomass & waste and 20MW of solar PV in 2015 to achieve the targets and clean energy power generation vs. total power supply must reach 50.7

## INSTALLED POWER CAPACITY BY SOURCE, 2014 (%)

44.6GW total installed capacity

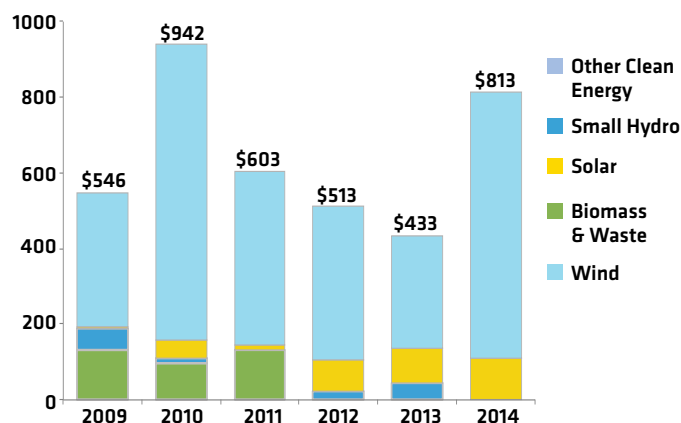


Source: Bloomberg New Energy Finance, National Energy Administration, Ministry of Water Resources, China Wind  
 Note: Negligible values for oil & diesel cannot be graphically represented due to scale, see source data for the complete numbers.

Fujian's 12<sup>th</sup> Five-year Plan for Greenhouse Gas (GHG) Emission Management sets a target of cutting by 17.5% the CO<sub>2</sub> intensity of Fujian's economy vs. a 2010 baseline by 2015. A provincial carbon trading market in Fujian is under preliminary work and is expected to be established in 2016. Fujian's carbon credit mechanism is also under preliminary discussion.

## ANNUAL INVESTMENT IN CLEAN ENERGY, 2009-2014 (\$m)

\$3.9bn 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/fujian](http://www.global-climatescope.org/fujian)