

# CLIMATESCOPE 2013

## EUROPEAN COMMISSION

JON MOORE

17 OCTOBER 2013



**Bloomberg**  
NEW ENERGY FINANCE

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1. Climatescope 2013

2. Country Scores

3. Top Three Countries

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# CLIMATE SCOPE 2013

New Frontiers for Low-Carbon Investment  
in Latin America and the Caribbean

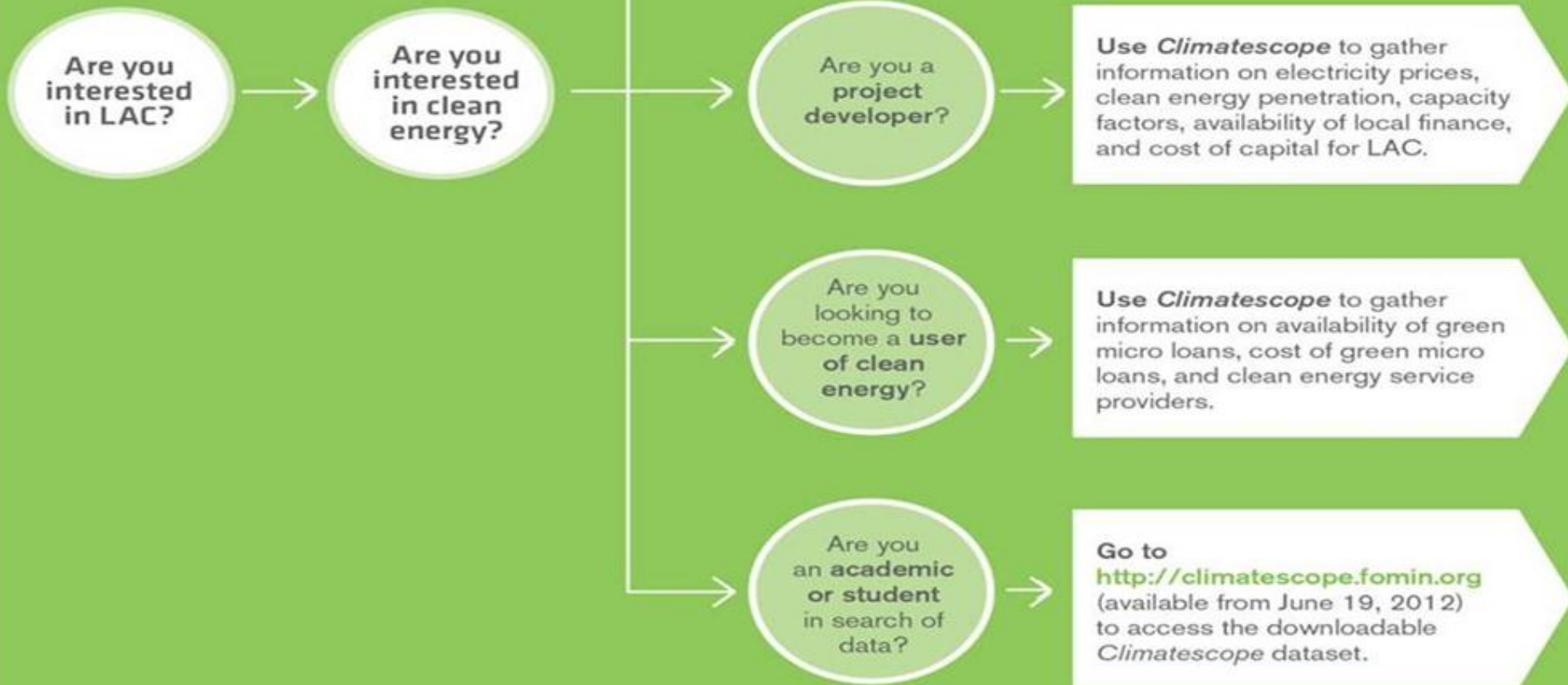


Multilateral Investment Fund  
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# WHAT'S YOUR PERSPECTIVE?



Are you interested in LAC?

Are you interested in clean energy?

Are you a policymaker?

Use *Climatescope* to access a list of all types of clean energy policies in LAC and a rank of clean energy policy framework by country.

Are you an investor or entrepreneur?

Use *Climatescope* to access information on the enabling framework, investment and financing, value chains and greenhouse gas management activities in LAC.

Are you a project developer?

Use *Climatescope* to gather information on electricity prices, clean energy penetration, capacity factors, availability of local finance, and cost of capital for LAC.

Are you looking to become a user of clean energy?

Use *Climatescope* to gather information on availability of green micro loans, cost of green micro loans, and clean energy service providers.

Are you an academic or student in search of data?

Go to <http://climatescope.fomin.org> (available from June 19, 2012) to access the downloadable *Climatescope* dataset.

# CLIMATESCOPE METHODOLOGY

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## ENABLING FRAMEWORK

- Policy & regulation
- Clean energy penetration
- Price attractiveness
- Market size expectation

## CLEAN ENERGY INVESTMENT AND CLIMATE FINANCING

- Amount invested
- Fund sources
- Green microfinance
- Cost of debt

## LOW-CARBON BUSINESS AND CLEAN ENERGY VALUE CHAINS

- Clean energy service providers
- Value chains by clean energy sector
- Financial institutions in clean energy

## GREENHOUSE GAS MANAGEMENT ACTIVITIES

- Carbon offsets
- Carbon policy
- Corporate awareness

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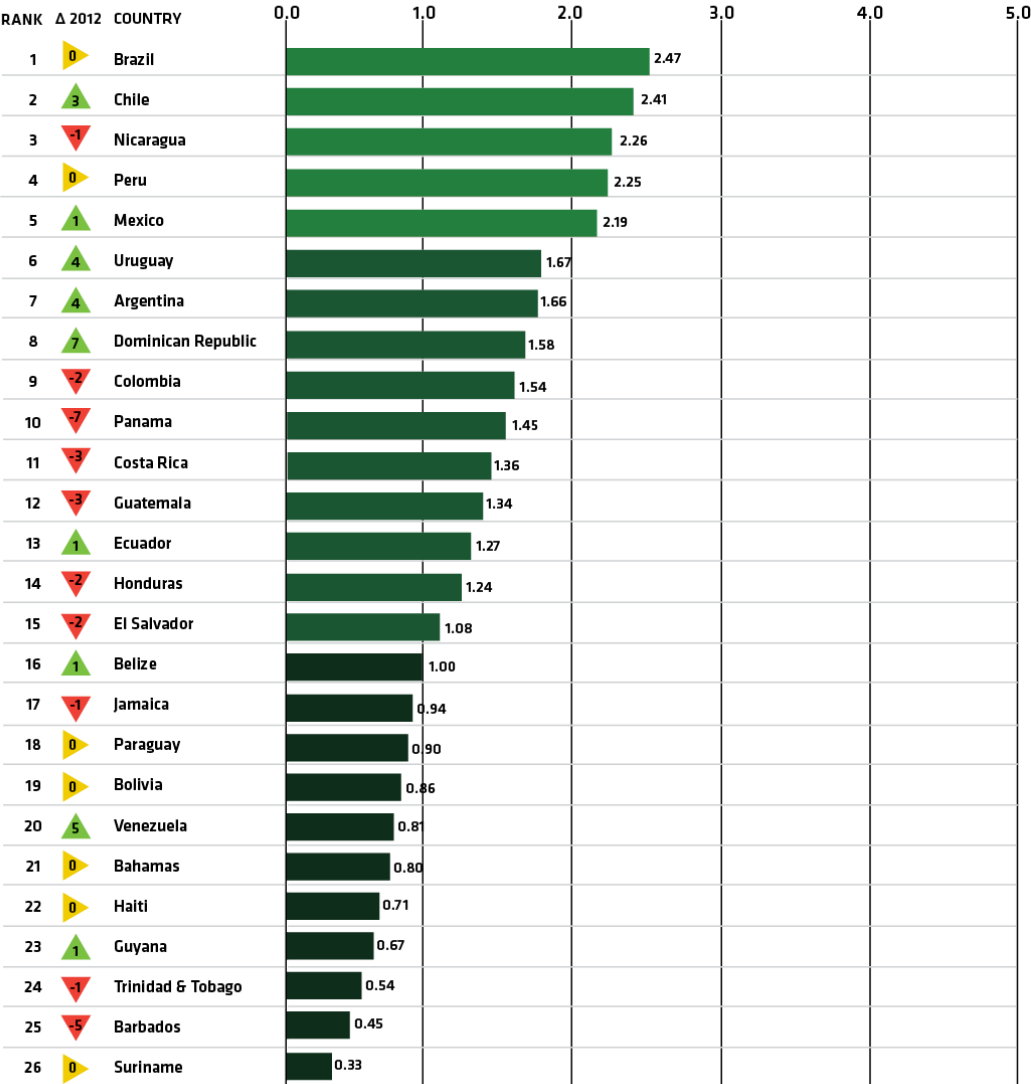
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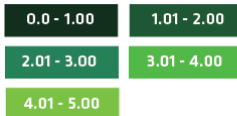
# CLIMATESCOPE 2013: RANKING AND SCORES



Green arrow refers to increase, red to decrease and yellow to no change



Colors show range for overall score



Source: Climatescope 2013

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# CLIMATESCOPE 2013 TOP THREE COUNTRIES

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2.47

**BRAZIL:** Strong renewable energy policy framework, significant clean energy value chains and progressive greenhouse gas emission management activities.

2.41

**CHILE:** Boost in investment in 2013, healthy business environment, high electricity demand and diversified value chain.

2.26

**NICARAGUA:** High penetration of renewables in its power matrix and significant flow of investment relative to its small economy.

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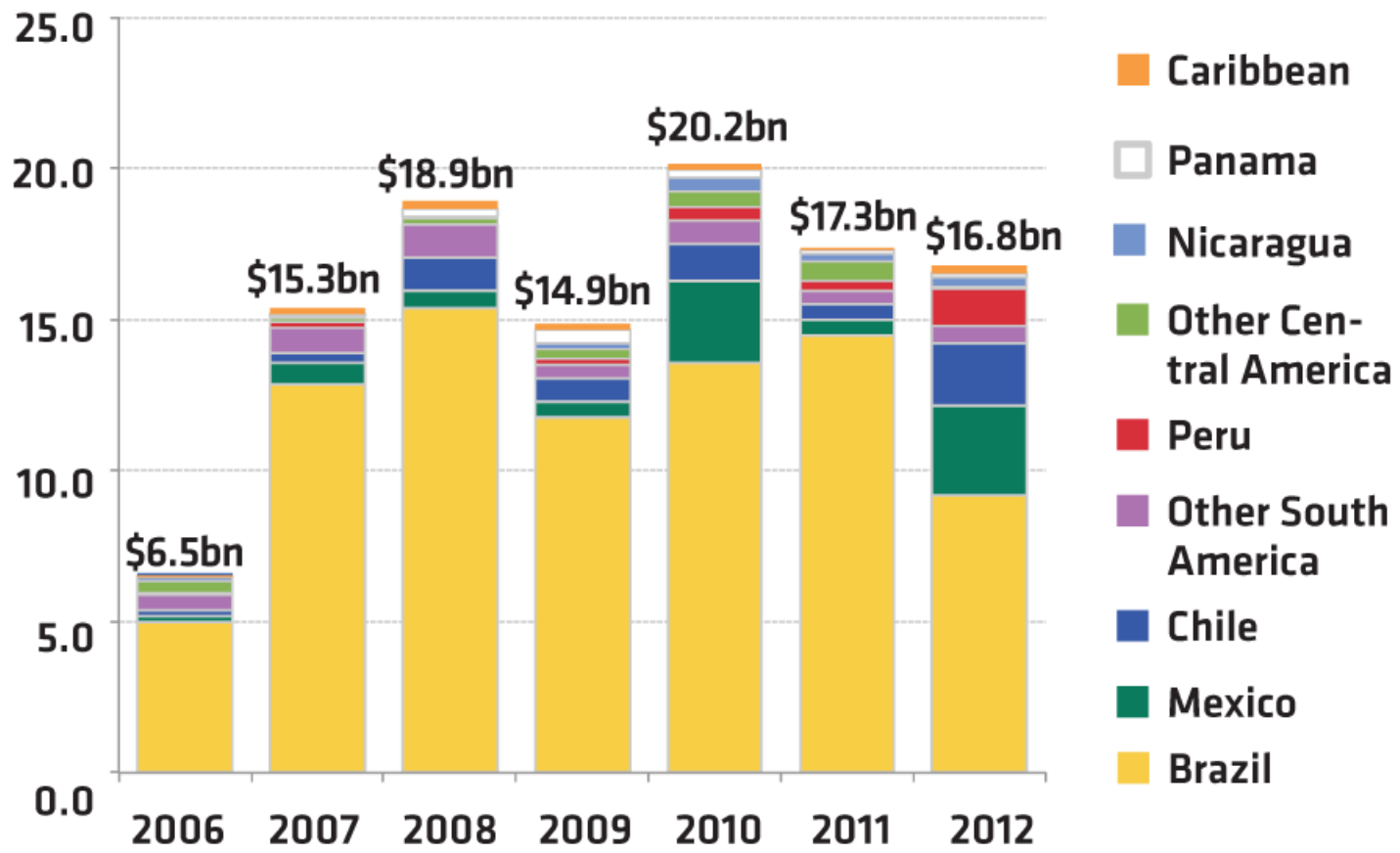
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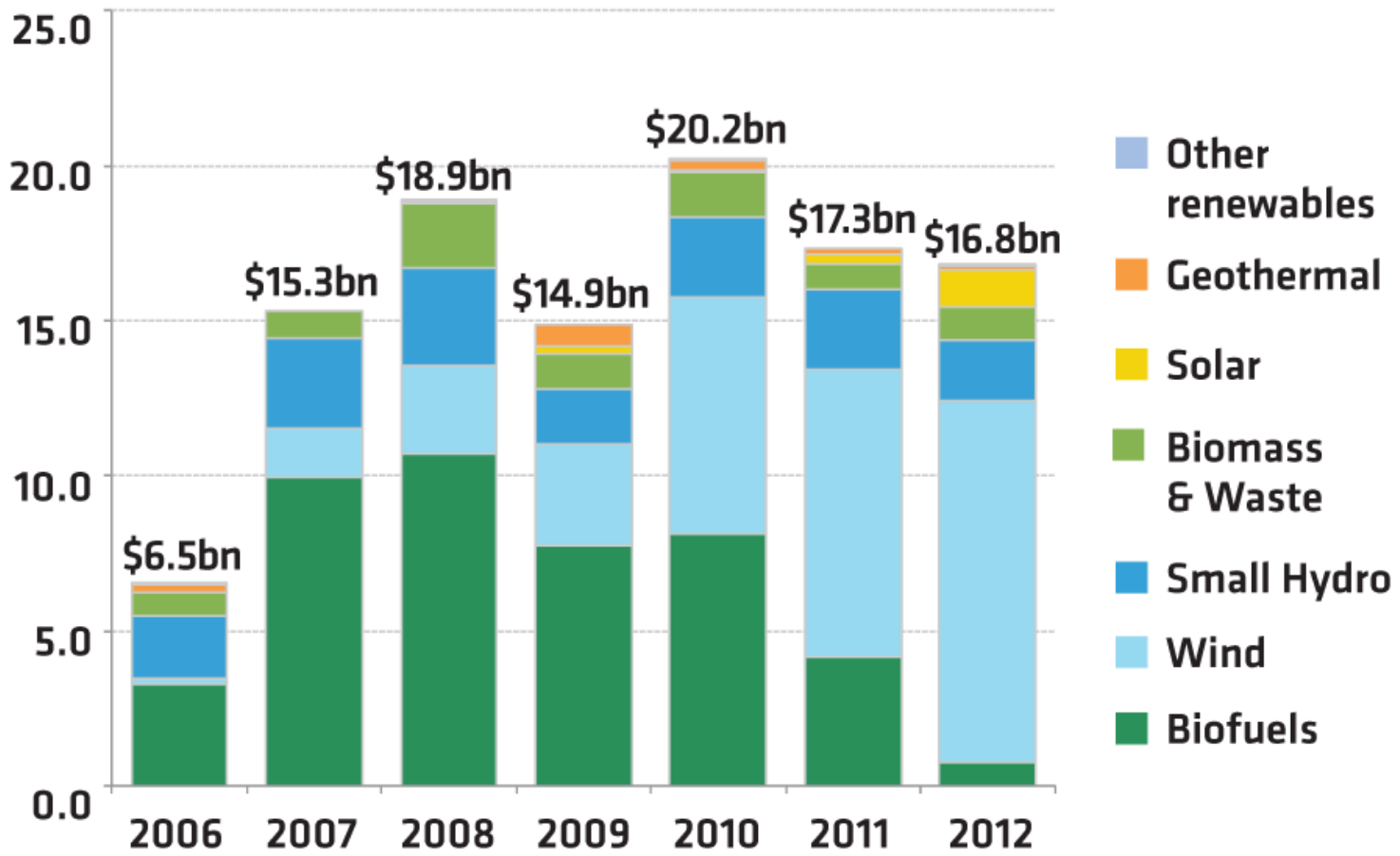
# LATIN AMERICA AND CARIBBEAN TOTAL INVESTMENT BY COUNTRY, 2006-2012 (\$BN)



Note: Caribbean includes Bahamas, Barbados, Dominican Republic, Guyana, Haiti, Jamaica, Suriname and Trinidad and Tobago. Other Central America includes Belize, Costa Rica, El Salvador, Guatemala and Honduras. Other South America includes Argentina, Bolivia, Colombia, Ecuador, Paraguay, Uruguay and Venezuela

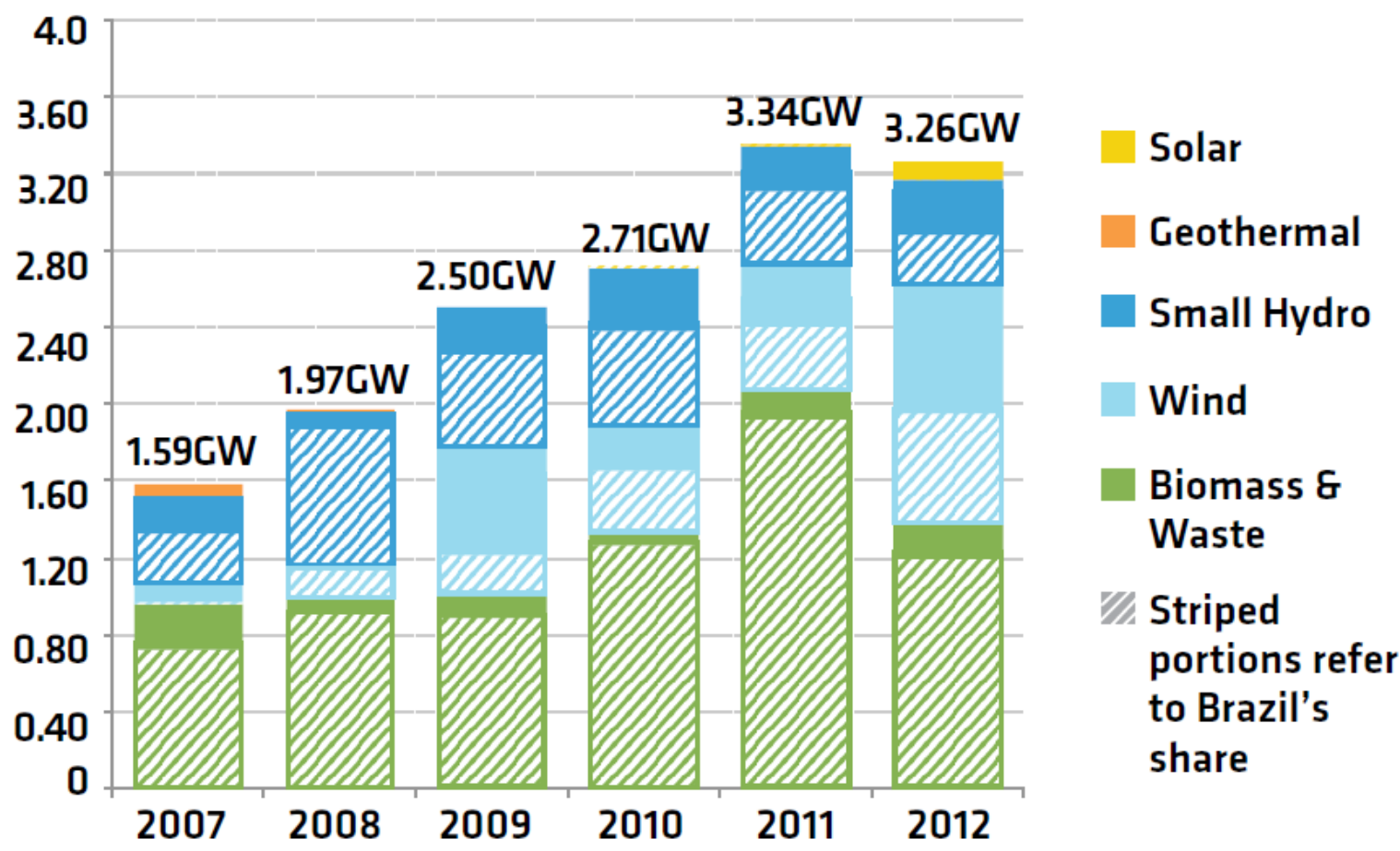
Source: Climatescope 2013

# LATIN AMERICA AND CARIBBEAN TOTAL INVESTMENT BY SECTOR, 2006-2012 (\$BN)












Source: Climatescope 2013

# LATIN AMERICA AND CARIBBEAN TOTAL RENEWABLE CAPACITY ADDITIONS, 2007-2012 (GW)



Source: Climatescope 2013

# LATIN AMERICAN AND CARIBBEAN CLEAN ENERGY POLICIES, SELECT COUNTRIES

	ENERGY MARKET						EQUITY FINANCE				DEBT FINANCE				TAX-BASED					CARBON MARKET				
	Energy targets	Feed-in tariff	Auction	Biofuels blending mandate	Net Metering	Other	Grants	Incubators	Infrastructure funds	Other	Funding	Export trade credit	Green Bonds	Other	Accelerated depreciation	Tax relief	Income tax	Import duty	Tax rebate	Other	Domestic cap and trade	Emissions reduction target	Project-based carbon credits	Other
 Argentina	●	●	●	●										●				●						
 Brazil		●	●	●	●	●		●		●					●		●	●				●		
 Chile	●				●														●			●		
 Costa Rica			●		●										●							●		
 Dominican Republic	●	●			●			●							●	●	●					●		
 Honduras		●	●												●	●	●							
 Mexico	●				●	●	●							●								●		
 Nicaragua						●										●	●		●					
 Panama		●	●	●											●		●		●					

Source: Climatescope 2013



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# PROPOSED GLOBAL CLIMATESCOPE COUNTRIES

## LATIN AMERICA & CARIBBEAN

- Argentina
- Bahamas
- Barbados
- Belize
- Bolivia
- Brazil
- Chile
- Colombia
- Costa Rica
- Dominican Republic
- Ecuador
- El Salvador
- Guatemala
- Guyana
- Haiti
- Honduras
- Jamaica
- Mexico
- Nicaragua
- Panama
- Paraguay
- Peru
- Suriname
- Trinidad and Tobago
- Uruguay
- Venezuela

## AFRICA

- Botswana
- Cameroon
- Cote d' Ivoire
- Democratic Republic of Congo
- Ethiopia
- Ghana
- Kenya
- Liberia
- Malawi
- Mozambique
- Nigeria
- Rwanda
- Sierra Leone
- South Africa
- South Sudan
- Tanzania
- Uganda
- Zambia
- Zimbabwe
- Senegal

## ASIA

- Bangladesh
- China (+15 provinces)
- India (+10 provinces)
- Indonesia
- Nepal
- Pakistan
- Sri Lanka
- Tajikistan
- Vietnam

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# CLIMATESCOPE 2013

# EUROPEAN COMMISSION

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## MARKETS

Renewable Energy

Carbon Markets

Energy Smart Technologies

Renewable Energy Certificates

Carbon Capture & Storage

Power

Water

Nuclear

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**Applied Research:** custom research & data mining

**Knowledge Services:** Summit, Leadership Forums, Executive Briefings & workshops

Subscription-based news, data  
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decisions in clean energy, power  
and water and the carbon markets

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