

# Climate Finance and Carbon Markets

In order to mount a successful financial response to climate change, capital flows need to be shifted, scaled up, optimised and backed by consistent policy

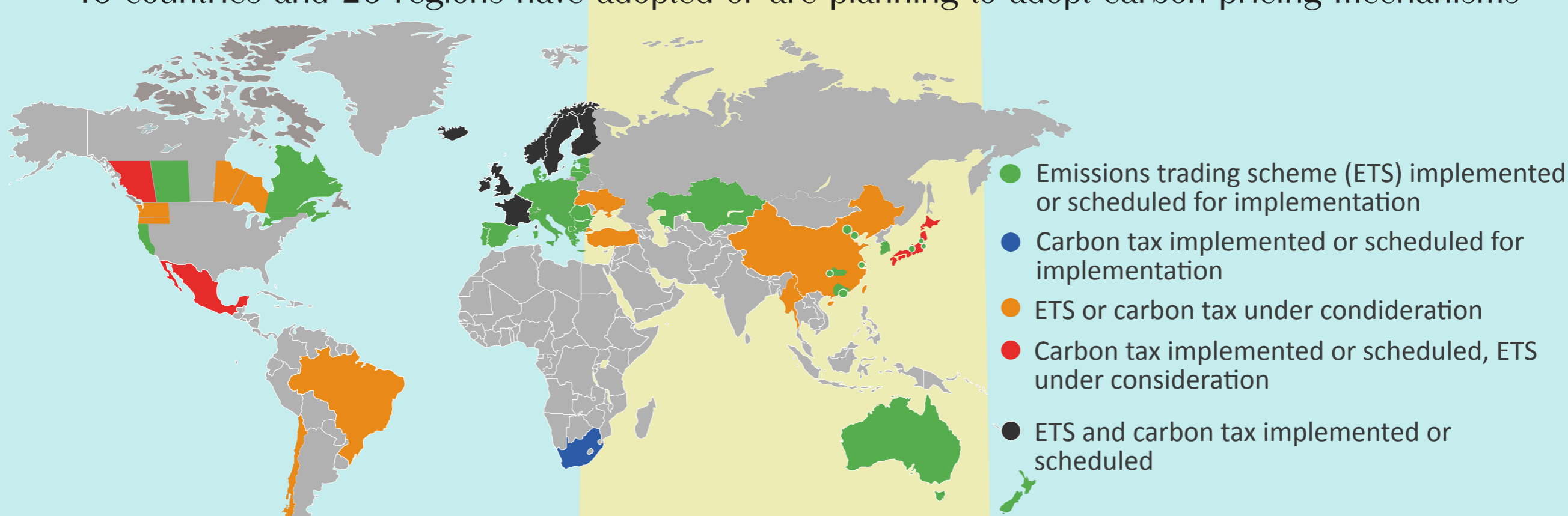
## The Challenge...

<p><b>\$5.7 trillion</b></p> <p>By 2020 \$5.7 tn investment in green infrastructure will be needed annually to reach a 2°C warming scenario</p>	<p><b>\$360 billion</b></p> <p>Current investment sits at \$360 bn annually - 26% from public funds, 74% from private</p>	<p><b>\$700 billion</b></p> <p>\$700 bn is needed just to ensure that the shift from business-as-usual investment is a viable possibility</p>	<p><b>\$674 billion</b></p> <p>\$674 bn was invested in fossil fuel exploration in 2013 despite 80% of current reserves being unburnable, according to Carbon Tracker</p>
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## The Solutions...

### Carbon Pricing and Markets

40 countries and 20 regions have adopted or are planning to adopt carbon pricing mechanisms

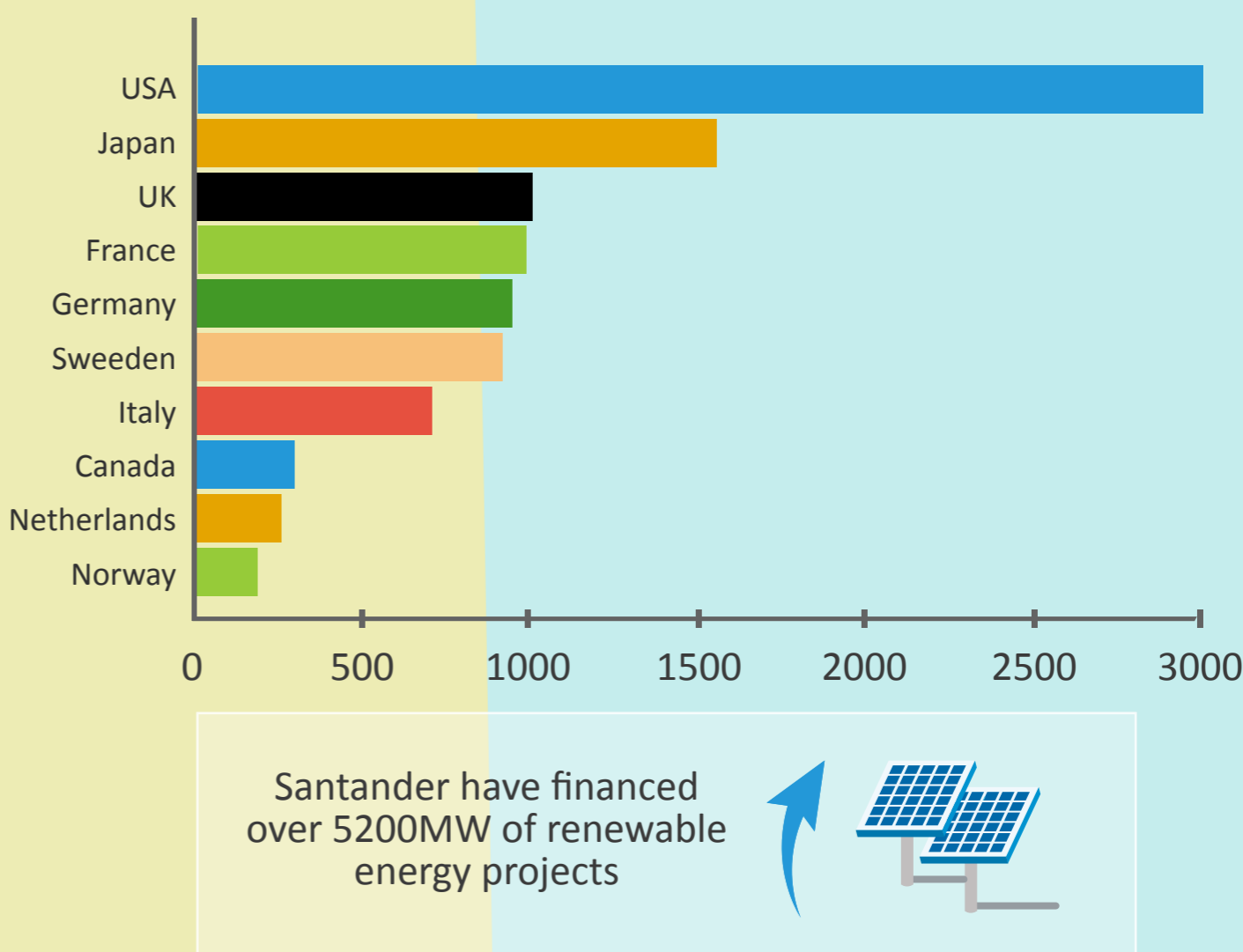


<p><b>\$1 billion</b></p> <p>\$1 bn was raised by the Californian carbon market for investment in emission reduction projects</p>	<p><b>9,853,078 tonnes of carbon</b></p> <p>Carbon Trade Exchange have traded 9,853,078 tonnes of carbon on the voluntary market</p>	<p><b>\$4.8 billion</b></p> <p>80% of the \$4.8 bn raised by the European Union's emissions trading system (ETS) was spent supporting climate action in 2013</p>
<p><b>500,000 stoves</b></p> <p>500,000 cooking stoves have been installed by Gold Standard CDM project credits, reducing energy costs and indoor smoke for 2 mn people</p>	<p><b>\$1 billion</b></p> <p>REDD+ has reached \$1.9 bn in project approvals, helping developing countries to reduce emissions from deforestation</p>	

## Financing Climate Action

- \$600 bn** worth of Climate bonds have been issued as of 2015
- \$140 bn** worth of voluntary low carbon investments has been pledged by 13 of the largest companies in the US
- \$100 bn** will be invested by Citigroup into tackling climate change
- \$28 bn** of investment was dedicated to climate action by multilateral banks in 2014
- \$9.7 bn** has been pledged to the Green Climate Fund - the largest and fastest-growing source of money for global climate action

## Top 10 country contributors to the Green Climate Fund



## Innovating the Financial System

<p>The Asset Owner's Disclosure Project's <b>Global 500</b> monitors the sustainability of nearly <b>\$40 tn</b> of assets under management</p>	<p><b>40%</b> of stock markets now offer <b>at least one sustainability index</b> according to the Sustainable Stockmarket Exchanges Initiative</p>	<p><b>83 insurance organisations</b> have committed to the principles of the UNEP FI Principles for Sustainable Insurance</p>
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## Find out more at the Sustainable Innovation Forum 2015

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"I always appreciate our opportunity to come together with Climate Action and to have this Forum alongside the conference, this is now a long standing tradition."

**Achim Stelner, Executive Director, UNEP**

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