



## The Climate Group India

Newsletter | January 2011

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The last quarter of 2010 was both eventful and upbeat from a climate perspective. The deadlock that looked to permanently threaten the UN international negotiations was averted in Cancun in December and much faith was restored in the UNFCCC process. Having hosted 48 nations for informal talks on clean technologies and clean financing, India's leadership was widely recognised and helped broker a set of draft texts at the UNFCCC's Conference of Parties that will underpin any future international agreement on climate change. The tremendous efforts of Jairam Ramesh, Minister for Environment and Forests, and his team ensured India played an important and dynamic role in supporting the international process. For our international analysis on the outcomes from COP16, please click [here](#).

The Climate Group's India operations also passed a number of our own milestones in the past few months. We saw the launch of the ground-breaking [UK-India Business Leaders Climate Group](#) in November - a landmark charter endorsed by the Prime Ministers and top business leaders of both countries aiming to unlock a new era of bi-lateral low carbon trade that will drive jobs and growth for both economies.

We also launched our LED Streetlights project in Kolkata – India's first – and devised a training programme so the project can be easily replicated elsewhere in other Indian cities and are actively exploring a second Indian LED lighting project in New Delhi. All of this exciting activity has resulted in widespread interest from other city governments looking to implement their own street-lighting schemes and we are already in discussions with a number of them.

Here is a quick overview of some of our main events from the last three months of 2010. We hope 2011 will be another exciting year for the India team beginning with the launch of a new Clean Revolution report in March looking at some of the innovative policies and clean technologies behind India's emerging role as a leader of the global low carbon economy.

We look forward to keeping you updated and working with you all in 2011. With wishes for a great year ahead!

## The Climate Group India Events

### Fifth India Corporate Members Meeting

**10 November, 2010**

The Climate Group organized the Fifth Indian Members' Meeting in Mumbai on 10 November 2010. Open to our India members and partners, the meeting was a forum for sharing the latest business insights into the low carbon economy and exploring new areas for cross sector collaboration.

During the meeting climate talks were held with a focus on how Indian businesses can inform and respond to changes in international and national climate policies. Members heard from the Kolkata Municipal Corporation on our joint installation of LED street lighting pilot. The group also heard from Tata Consultancy Services and Suzlon on their latest initiatives.

### Launch of LED Streetlights in Kolkata

**30 November, 2010**

The Kolkata Municipal Corporation (KMC) and The Climate Group, in association with the Bureau of Energy Efficiency (BEE), West Bengal State Electricity Development Corporation Limited (WBSEDCL) and West Bengal Pollution Control Board (WBPCB), is implementing a LED streetlight pilot project in arterial roads of Kolkata. It is the first Indian project delivered under The Climate Group's global LightSavers initiative funded by the HSBC Climate Partnership. Under the programme Kolkata joins leading global cities, including New York, London and Hong Kong, in launching LED pilot projects for street lighting.



Out of the 273 LED streetlights planned to be installed in Kolkata under the TCG's Light Savers Programme, so far 60 fixtures have been installed in two locations – 20 LEDs in Kalighat and 40 LEDs surrounding the KMC headquarter building. The locations for rest of the LEDs have been finalized as well. Deployment of LED street lighting in Kolkata in fact has been one of the greatest achievements of the TCG India in 2010.

Mr Sovan Chatterjee, Mayor of Kolkata welcomed the ground-breaking initiative at our launch which was attended by over 100 VIP guests from municipal partners, development authorities, neighbouring cities, utilities, and the public works department.

Over coming months, we will:

- Host a series of capacity building workshops with our project partners on why LED technology makes environmental and economic sense for other city corporations, development authorities, electricity supply corporations, large housing complex owners and other organizations.
- Monitor the performance of the LED installations including lux levels, illuminance, uniformity, colour temperature and energy savings. The findings from the Kolkata pilot will feed into a global report on The Climate Group's other LED trials to assess potential energy and cost savings from LED technologies at scale.

### [UK-India Business Leaders Climate Group report on private sector led green growth](#)

**15 November, 2010**

The Climate Group helped launch a landmark report by UK and Indian business leaders whose companies are collectively valued at over £200bn [144bn INR]. The new report and 'Charter of Principles' launched by the UK's Foreign Secretary Rt Hon William Hague in London outlines practical ways that India and the UK can work together to unlock a new era of green growth and economic collaboration.

The Climate Group is secretariat to the UK-India Business Leaders Climate Group (BLCG) behind the report and which is chaired by Sir Stuart Rose and Mr Rajan Bharti Mittal.

The BLCG initiative underlines the strong business case behind a faster shift to a low carbon economy with significant opportunities identified in clean energy, energy efficiency, low carbon technology, water, waste management and related services.

Jairam Ramesh, India's Climate and Energy Minister, said: "This is a remarkable initiative initiated by the Prime Ministers of our two countries, and I am delighted that the best minds from our business communities sat across the table and have given us their best ideas. We strongly believe that while Governments can provide the policy frameworks and fiscal incentives, ultimately the technology choices and operational actions have to come from the business community. We in the Government of India will give this significant report the most serious consideration. I look forward to working with business leaders from both countries in implementing many of the recommendations that have been made."

### **Roundtable discussion on financing IT-enabled energy efficiency projects in India**

**3 December, Mumbai**

The Climate Group hosted roundtable meeting in Mumbai to share information on how to finance IT-enabled energy efficiency projects in India. It focused on the need for more case studies to share knowledge on how projects are financed; key risks and barriers and how these can be addressed; and the results. It also offered a platform for financial institutions to discuss investment criteria for energy efficiency projects, and the challenges they see in financing the services that IT and telecoms can provide in this sector.

There was widespread agreement that more demonstration projects were needed, not only to understand which technologies can best support energy efficiencies, but to give greater confidence in new forms of public private partnerships.

As India looks to invest \$1 trillion in new infrastructure over the coming years to cope with rapid urbanisation, its private and public sectors will need to better understand how to capitalize on smart solutions that can help cut energy use. Financial institutions present agreed more research was needed into the Indian market for 'smart' energy efficiency solutions, what incentives might be required to drive demand, and what regulatory or information barriers currently stand in the way.

### **Training on Monitoring of Performance of LED Streetlights**

**15 December, 2010**

To mark the start of the monitoring phase of the LED pilot project in Kolkata, a training program on the measurement protocol for corporations, development authorities and other stakeholders was organized on December 15, 2010 at the KMC building in Kolkata. The training program was attended by about 35-40 delegates representing different stakeholders.

The programme comprised of a theoretical session of three hours followed by a hands-on training on the measurement procedure at the LED installation site in front of the KMC Headquarter Building in Kolkata.

### **Stakeholder Meeting on "Up-scaling use of LED street lights"**

**December 18, New Delhi**

A stakeholder meeting on "Up-scaling use of LED street lights" was organized jointly by the Energy Efficiency Services Limited (EESL) and The Climate Group in New Delhi. The event intended to bring together manufacturers, municipalities, development authorities, architects, Government bodies, real estate developers on a common platform to discuss large-scale uptake of LED street lights and its financing opportunities saw participation of more than 75 stakeholders.

During the course of discussions, representative from the municipal corporations highlighted issues like absence of availability of any national standards, manufacturing facility, etc of LEDs, low project internal rate of return (IRR), lack of basic infrastructure for LED installation, sales and service tax that the LEDs invite, absence of any kind of financial guarantee from state or central governments and the fact that there is no meeting point for bidders and manufacturers- a major obstacle in mainstreaming/ up scaling LEDs.



### **Book launch of “The Inconvenient Action – By Narendra Modi”**

Foreword by Steve Howard- CEO, The Climate Group

#### **December 21, Ahmedabad**

The Climate Group’s outgoing CEO Steve Howard wrote a foreword for a new book on climate change written by The Chief Minister of Gujarat, Mr Narendra Modi. The book (‘Convenient Action- Gujarat's Response to Challenges of Climate Change’) looks back at a decade of climate action and clean energy projects in Gujarat, including wind and solar energy projects and a state-wide gas grid.

Mr Howard wrote, “...I would call this unique compendium of action a ‘Green Autobiography’ of Narendra Modi who has shown a definite path and determined strategy...”

## Sector News

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### **Fast PACE: Centre to focus on clean, green energy**

The US and India have taken a concrete step to actualise the Green Partnership that they agreed to nearly a year ago. During his visit to India in November 2010, US President Barack Obama along with Prime Minister Manmohan Singh announced the setting up of Joint Clean Energy Research and Development Centre.

“We agreed to deepen our cooperation and pursuit of clean energy technologies , and this includes the creation of a new clean energy research centre here in India and continuing our joint research into solar, biofuels , shale gas and building efficiency,” President Obama said in his opening statement at the joint press conference.

### [US Funds Pilot Study to Explore Smart-Grid Technologies in Bangalore](#)

Bangalore Electricity Supply Company Ltd (BESCOM) will be exploring smart-grid technologies with the help of a \$453,350 pilot study funded by the United States. The grant from the U.S. Trade and Development Agency (USTDA) will pay a U.S. contractor to work with the Bangalore Electricity Supply Company Ltd. to explore how best to integrate smart meters and automated meter reading into an electric distribution system in the south India state of Karnataka.

The 12-month smart-grid pilot study is welcome news in India, especially when the government is earmarking a large portion of its planned \$2.3-trillion energy investment over the next few decades for renewable and clean power sources and technologies..

### [\\$175-m worth deals on clean energy signed](#)

Even as India and the U.S. inked an agreement to establish a bilateral energy cooperation programme to promote clean and energy-efficient businesses on November 8, 2010, Indian and U.S. companies inked joint venture deals worth \$175 million in the renewable energy sector.

### [Report on ICT's Contribution to India's National Action Plan on Climate Change](#)

The Digital Energy Solutions Consortium India (DESC India) and CII-ITC Centre of Excellence for Sustainable Development have recently released a report titled, ICT's Contribution to India's National Action Plan on Climate Change. This study is aimed at exploring potential GHG reduction opportunities through adoption of Information & Communication Technology (ICT) solutions in the focus sectors of the three mitigation related missions of India's National Action Plan on Climate Change (NAPCC), namely National Mission on Enhanced Energy Efficiency (NMEEE), National Mission on Sustainable Habitat (NMSH) and National Solar Mission (NSM).

## Member Spotlight

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### **Coca-Cola**

The Coca-Cola Company is one of the most recognizable brands in the world. As a responsible multinational company, Coca Cola is committed to using the best possible mix of energy sources, improving the energy efficiency of its manufacturing processes, and reducing the potential climate impact of the products it sells.



The Coca-Cola Company is a founding member of The Climate Group's Recycle Together program working to develop municipal recycling programs, increase recycling rates and reduce emissions. The company's range of climate friendly activities is the foundation for its broader commitment to grow its business without growing its carbon footprint.

## Upcoming Events

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**Event:** Launch of *India Clean Revolution report* by **Mr Jairam Ramesh**, Union Minister for Environment and Forests.

**Date:** March 17, 2010, New Delhi

**Details:** As an Indian nation of over 1 billion people looks to balance its environmental responsibilities with rapid economic growth, national efforts to develop clean energy and energy efficiency present major opportunities for India's power, manufacturing, technology and finance sectors.

The report will highlight the innovative low carbon policies being adopted by the India's government and business leaders and shows how the country has a unique role to play in a global clean industrial revolution – one that will cut national emissions and boost India's jobs, growth and investment.

**Event:** [The Carbon Map & Cap Conference 2011](#)

**Date:** April 9, 2011, Taj President Hotel, Mumbai

**Details:** The Carbon Map & Cap Conference 2011 organized by Centre for Environmental Research and Education (CERE), in partnership with The Climate Group is aimed to guide multinational corporations, small businesses and individual offices, facilitate the move towards becoming environmentally responsible and sustainable companies with a new clean and green business model for a low carbon future.

## For more details please contact:

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