

India's Stand On Climate Change

and Role of Sustainable Campuses



By:

- Ankit, Chem Engg. IIT Bombay
- Gyalpo, SJMSOM, IIT Bombay

India's Stand On Climate Change

and Role of Sustainable Campuses



*“Sustainable development is development that meets the needs of the present without compromising the ability of future **generations** to meet their own needs.” ~ UN’s **Brundtland Commission, 1987***

Sustainability at the core, is one of the most **basic values** on which our society thrives, the others being liberty, justice and equality.

It is about leaving things better than what it was when you received it.

The world that we leave behind after 80 years should be a better place. Its about balance. A Balance between present and future. And in the context which we are talking about doesn't refer to some distant future, the **time frame is decades.**

Agenda

- Brief about COP15, Copenhagen
- India's stand on Climate change
- India's expectations from the Agreement
- Our Role: Youth and sustainable campuses
- Brief about "The Earth Club, IIT Bombay"



Conference of Parties 15, Copenhagen

- Will be attended by representatives of 192 countries
- from 7 to 18 December 2009
- Objectives:
 - to establish an ambitious **global climate agreement** for the period from 2012. To limit impact of climate change to **a maximum of 2 C** with reference to pre-industrial level **by 2050**.
 - Limiting global warming to 2°C is both **technically feasible** and **economically affordable** if the international community **acts swiftly**. ---the recent Stern Review: the economics of climate change.



India's Stand: PM Speaks

- *Our people have a right to **economic and social development** and to discard the ignominy of widespread poverty.....But I also believe that **ecologically sustainable development** need not be in contradiction to achieving our growth objectives..... Our people want higher standards of living, but they also want clean water to drink, fresh air to breathe and a green earth to walk on. ♣*

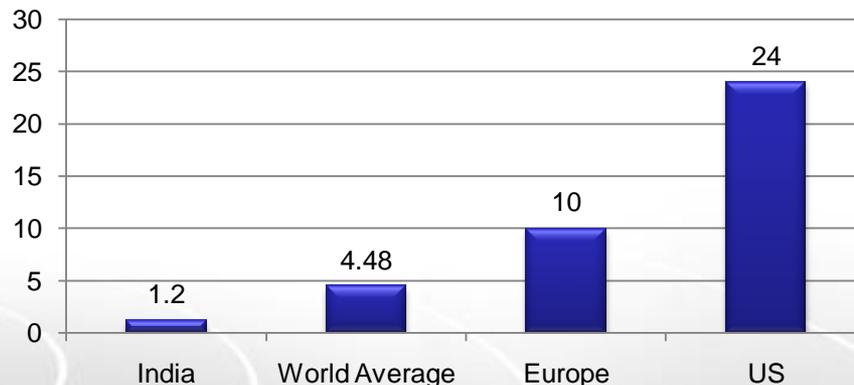
~ Prime Minister Dr. Manmohan Singh



India's Stand

- While tackling Climate Change **we must take note of limitations set by poverty reduction and economic development** in developing nations.
- the Copenhagen package must include **global action on Adaptation** in addition to action to GHG abatement and reduction
- Despite the Developmental goals of India, it is committed to **limit below the average per capita emissions of the developed countries**. This **effectively puts a cap** on our emissions and will be lower if developed world delivers its promise.
- India's climate change initiatives , will **not be subject to international verification and reporting**, unless it is funded internationally or uses technology received from abroad.

**Per capita CO2 emissions
(tpa)**



India's Arguments

- India can, by no stretch of imagination, be described as a so-called “major emitter”.
- Climate Change is taking place not due to current level of GHG emissions, but as a result of the **cumulative impact** of accumulated GHGs in atmosphere by industrial countries in last two centuries
- Even if current emissions were, by some miracle, reduced to zero tomorrow, Climate Change will continue to take place
- It is inevitable that the **pursuit of social and economic development** by developing countries will result in an increase in their GHG emissions, for the foreseeable future. This is **recognized** in the **UNFCCC** itself.
- India is already subject to high degree of **climate variability** resulting in droughts, floods and other extreme weather events which compels India to **spend over 2% of its GDP on Adaptation** and this figure is likely to go up significantly



India's Expectations from COP15

- **Commitment of developed countries** to significant reductions in their GHG emissions
- achieves the **widest possible dissemination** at affordable costs of existing climate-friendly technologies and practices
- puts in place a **collaborative R&D effort** among developed and major developing countries, to bring about cost-effective technological innovations and transformational technologies, that can put the world on the road to a carbon-free economy



PM on sustainability:

*“We have the moral responsibility to **bequeath to our children** a world which is safe, clean and productive, a world which should continue to inspire the human imagination with the immensity of the blue ocean, the loftiness of snow-covered mountains, the green expanse of extensive forests and the silver streams of ancient rivers.”*

----Prime Minister Dr. Manmohan Singh



Our Role: Youth and sustainable campuses

- Supplements top-down by Bottom-up approach
- Will ensure swift action on climate change
- Youth mobilization on sustainability
- Campuses will be the sustainable labs
- Create future sustainable leaders and professionals



Being the change: Earth Club, IIT Bombay

- Established in **Feb, 09**
- committed to make IITB more sustainable
- aspires to demonstrate excellent **community leadership** by creating a **network of sustainable campuses** in India.
- will prepare a **platform** for motivated students, academicians, leaders and corporate to address the challenge of climate change and sustainability as we grow.
- club promotes **awareness, activism, and educational and research** activities by involving individuals from **different departments** of the institute with different expertise and skill sets
- To sum up, Earth club will be a “**sustainable consulting group**” for the campuses which will come up with studies, reports and analyses and based on which club will suggest sustainable alternatives to the management and people.

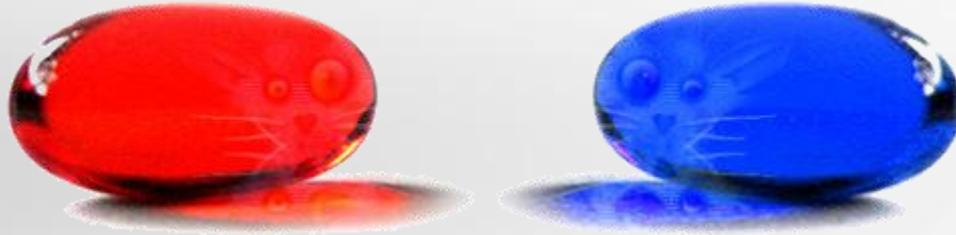


Our Projects:

- E-waste Management Policy of IIT Bombay
- Mess Waste Management
- Bio-gas plant
- Earth-Hour Celebration
- My Concerns: Ideation Forum



Choice is yours:



*“You take the **blue pill**, the story ends here, you believe whatever you want to believe. You take the **red pill**, and we show you how deep the **rabbit hole** goes.”*



Thank you:

Visit Us:

<http://theearthclubiitbombay.wordpress.com/>

Contact us:

earth.club.iitb@gmail.com

Gyalpo 9769905585

Ankit 9322243209

