



Waste to Energy Research and Technology Council (WTERT), India

3rd International Brainstorming Workshop on “Sustainable Municipal Solid Waste Management in India”

Venue: Hyderabad; Date: 29 – 30th January 2015

It's a fact!

CO₂ Waste Emissions
worldwide, figures

Combustable Waste Volume
worldwide, figures

1995: 65m tons

2010: 75m tons

2020: 90m tons

2020: 320m tons

2010: 250m tons

1995: 200m tons



Background

Earth Engineering Center (EEC) of Columbia University co-founded with the United States. Energy Recovery Council (ERC) established in the year 2002, the Waste-to-Energy Research and Technology Council (WTERT), which is by now the foremost research organization on the recovery of energy and metals from solid wastes in the U.S. and globally. In recent years, sister organizations to the WTERT in the U.S. have been created in fourteen other countries, which together form the **Global WTERT Council (GWC)**.

WTERT-India was founded by a Memorandum of Understanding between **CSIR-National Environmental Engineering Research Institute (NEERI)** working under the umbrella of **Council of Scientific and Industrial Research (CSIR)**. The guiding principle of all WTERT-India activities will be that responsible management of wastes must be based on science and best available technology and not what seems to be inexpensive now but can be very costly in the future.

The mission of **Global WTERT Council (GWC)**, of which WTERT-India is a part, is to identify the best available technologies for the treatment of various waste materials, conduct additional academic research as required, and disseminate this information by means of publications, the WTERT's web pages, and periodic meetings. In particular, WTERT-India will focus on assisting industry and government agencies in implementing technologies that reduce the public health impacts of improper solid waste management in India and increase the recovery of materials and energy from used solids, by means of recycling, Bio gas recovery, waste-to-energy, and, sanitary landfilling with landfill gas utilization.

WTERT-India had organized two international brainstorming workshops on "Waste to Energy in India" and "Short and Long-Term Solutions for Municipal Solid Waste Management in India" in 2011 and 2012 in Mumbai and New Delhi, respectively. Now, 3rd International Brainstorming Workshop on "**Sustainable Municipal Solid Waste Management in India**" is planned between January 29-30, 2015 at Hyderabad.

This workshop will be in line with the spirit of **Swachh Bharat or Swachh Bharat Abhiyan** (Campaign Clean India) and will be organized by WTERT-India.

The main objective of the workshop is to discuss the current challenges and opportunities to maintain sustainability in municipal solid waste management (MSWM) in India. It would also focus on the technologies for waste treatment based on their impacts on environment and economics. Finally, the workshop will provide options for overall management of municipal solid waste in various categories of cities and towns through case studies. Sustainability of a waste management system requires Economic, Environmental and Social aspects. Scientifically available control measures to overcome the challenges towards MSWM in future will be debated in this workshop which will finally lead to sustainable framework development for a **SWACHHA Bharat**.

Themes to be discussed

- A review of the present status of solid waste management in India
- The frame work of public private partnership in waste management Public participation at various stages in waste management system
- Cost effective and environment friendly processing and disposal technologies
- Decentralised treatment options
- Impacts of different technologies on the environment
- Policy measures on technological options

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Registration Details

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Registration Details

- International delegates: 500 US \$
- Indian delegates: INR. 3000/-
- Students: INR. 1500/- only

WTERT India

WTERT - India is the result of an association between the Earth Engineering Centre (EEC) at Columbia University and CSIR-National Environmental Engineering Research Institute. It aims to address the rising interest, increasing investments, and to funnel important decisions related to SWM in India in the right direction. WTERT - India is included in Global WTERT Charter (GWC) where it would function as India's window to the world on the entire spectrum of SWM issues. WTERT - India is set-up with the same guiding principle as GWC that "responsible management of wastes must be based on science and best available technology and not on ideology and economics that exclude environmental costs and seem to be inexpensive now but can be very costly in the future". All sister organizations in WTERT's global charter understand that solutions vary from region to region and work together towards better waste management around the world. WTERT - India is set-up with the understanding that solutions vary from region to region and is committed to researching locally.

Dear Dr. Boralkar jee

I am Er. K.S.Rao , (Head of Business Development, at Hitachi Zosen india), Member of executive of Board of WTERT india. , Kindly permit me to introduce about WTERT – India

As you are aware, WTERT-India was founded by a Memorandum of Understanding between CSIR-National Environmental Engineering Research Institute (NEERI) working under the umbrella of Council of Scientific and Industrial Research (CSIR) and Earth Engineering Center of Columbia University.

The guiding principle of all WTERT-India activities will be that responsible management of solid wastes must be based on science and best available technology and not what seems to be inexpensive now but can be very costly in the future.

We at WTERT, being a scientific research institute believes that Waste management cannot be left to the urban local bodies alone. It has to have Scientists, Academicians, Corporates, Bureaucrats and people's activism and participation. Then only any initiative can be succeed in a country like India.

With the spirit from the new Government programmers like Swachh Bharat (Campaign Clean India), the two day brain storming work shop will bring keynote speakers to discuss latest technologies, challenges and developments in solid waste management.

The workshop is scheduled for 29th & 30th January 2015 at Indian Institute of Chemical Technology (IICT) Auditorium, Uppal Road, Tarnaka, Hyderabad - 500007.

This international workshop will bring together a panel of industry experts, technology companies, Scientists to investigate the implications of the waste management review and how the regulatory and political frameworks will govern and encourage solid waste management sector's future development. This workshop will also focus on commercial opportunities that continue to exist and emerge from Waste to Energy and other forms of technology options The main objective of the conference is to provide attendees with the opportunity to hear from experts from all aspects of the industry and discuss most important issues in this field through a mix of case studies and presentations.

As we appreciate your knowledge and involvement in environmental engineering as former Member secretary of Maharashtra pollution control board, . We would like to take this opportunity to invite your esteemed self to join our Advisory Board of 3rd international workshop and be part of the development by sharing your knowledge, experience.

We are sure that you would accept our invitation and receive your consents at the earliest.

You are most welcome to visit our website <http://wtert.in/> for latest updates or write to us for any further clarifications

For WTERT – India

Best regards

K. Sreenivasa Rao

Member of Excurive Board

WTERT INDIA