

Sesa Sterlite Ltd. Kitchen Waste Producing Cooking Gas and Creating Greenery in Lanjigarh

LANJIGARH (Odisha): In a significant step towards decentralized waste treatment in the Plant area, Sesa Sterlite has established an eco friendly unit of Biogas at Lanjigarh, which can process 3 tons of waste daily. It was built at a cost of Rs 60 lakh, which includes operation and maintenance cost for two years. Waste Management is a statutory requirement as per SPCB and MOEF norms, Sesa Sterlite said in the statement. As we are ISO-14001 certified company, waste management and its utilization is very much essential to keep the surroundings neat and clean.

As per the Waste Management Study, around 640 kg/day (along with 3600 lit/day rice slurry) of kitchen waste from MDM centralized kitchen is being used to

generate Biogas, which shall increase by over next few years. Even the waste from colony households are being collected for the same. TERI's enhanced Acidification and mechanization technique which has been patented, for treatment of organic solid waste is a ZERO waste technology and not only disposes off the organic waste generated but also converts the waste into fuel energy. Further, the waste residue is used as manure for the plantations within the premises as well as the surrounding.

The plant can generate 75 cubic meter of high quality cooking gas daily. Further the gas is being used in the Mid day meal center which has been providing quality and hygienic food to 18000 students in Lanjigarh Block.

“Company has always been trying to create Zero waste Plant, as a result we have set up an eco-friendly system for treatment of waste by decentralization. This will generate cooking gas for local applications in future which can serve the community at a large.” Dr. Mukesh Kumar COO & President, Sesa Sterlite said.

One of the Major benefits of the Plant is that the residual solid matters were high quality organic manure which could be put as Fertilizer in the Staff Colony and community towards creating greenery. The commissioning of the plant is not only to replace the need of 03 LPG gas cylinders per day but also obviate the need of disposition of garbage and hence save the surrounding from ill management of waste.

National Conference on Fly Ash Management in Raipur on June 11, 2014

RAIPUR (Chhattisgarh): CSR India Corporate Social Services Pvt Ltd (CSR India) in association with INDIACSR, India's largest Corporate Sustainability & Responsibility news network, will organize a day-long 2nd National Conference on Fly Ash Management, the compelling issue that necessitates prompt focus and concern, in Raipur at Hotel Celebration on June 11, 2014.

The theme of the Conference is *Fly Ash: Wealth from Waste*. The mega symposium, will delve at length on the disposal and effective utilization of fly ash and to what extent the fly ash management has taken strides in India over the past few years.

The emphasis of the Conference is aimed to provide a forum for the producers and the prospective consumers of Fly Ash along with the policy-makers and other stakeholders to talk about opportunities for maximum utilization of Fly Ash. Conference will incorporate significant talks and discussions addressing all pertinent issues relating to fly ash including regulation, disposal challenges and practical methods of fly ash management.”,

Rusen Kumar, Director, CSR India said.

“The Conference will bring forth valuable information and knowledge on wider applications of fly ash for the fly-ash generating industries and those sectors who are the users for better fly-ash management in Chhattisgarh”, he added.

The speakers, who are the industry's best, acquainted with sound understanding, study and rich experience is being invited to share and enlighten the eminent gathering. Listening to these speakers would not only be a sheer delight but would facilitate realization of facts with knowledge sharing and better insight on the issue that has emerged as one of utmost importance. The encouraging support from all the corners of the organizations to organize this event has been quite inspiring. It gives pleasure to inform that some of the well known personalities from corporate, academics & research institutes have kindly consented to be part of this occasion to discuss their observations, achievements, case studies and researches. Sustainable management and disposal of fly ash is becoming challenging job for Power plant producers

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Expression of interest can be addressed to **Rusen Kumar, 9981099555**
conference@indiaflyash.com

across India. Fly ash can become a wealth generator by making use of it for producing ‘green building’ materials, roads, agriculture etc. It is estimated that full utilization of the generating stock will provide employment potential for three hundred thousand people and result in a business volume of over Rs 4,000 crore.

About the theme

Fly Ash being considered a waste few years back, has converted itself into wealth, as a usable, valuable resource by establishing viable avenues for Fly Ash management. Previously Fly Ash was looked upon as a industrial waste and a pollutant. The perception has undergone considerable change over the past few years. Now Fly Ash -a ‘waste material’ considered a ‘resource material’. Fly Ash is now also being used as an admixture for structural mortar and concrete, for making bricks, blocks, filling of mines, making of embankments etc. Alternative building materials for construction industry for manufacture of items like doors, flooring tiles, false ceilings, etc have been developed using Fly Ash.