India GHG Program

IL&FS Environmental Infrastructure & Services
[IEISL]

8th January 2015
IL&FS to process 5000 TPD* of the total waste of around 10000 TPD, which is generated in the Nation’s Capital:

  [Ghazipur, East Delhi]

- **2000 TPD** – Construction & Demolition Waste (C&D): Operational
  [Burari, North Delhi]

- **500 TPD** – Composting facility: Operational
  [Okhla, South Delhi]

* TPD : Tons Per Day
Integrated Waste Management, Delhi: Value Chain

- **Construction & Demolition Debris**
- **Municipal Solid Waste**
- **Compost**
- **Segregation of Waste**
- **Collection & Transportation**
- **C&D Processing Facility, Burari**
- **C&D Products**
- **Recyclables**
- **Landfill**
- **RDF & WtE, Ghazipur**

Flowchart:
- Municipal Solid Waste -> Construction & Demolition Debris
- Compost Plant, Okhla
- Compost
- Inert transferred To landfill as soil cover
- Biodegradable
- Recyclables
- RDF & WtE
- Landfill
- C&D Processing Facility, Burari
- C&D Products
- Recyclables
Ghazipur Dumpsite: Site for Waste to Energy

- Municipal Solid Waste (MSW) sent for dumping = more than 2000 TPD
- Dumpsite operational since 1984, over 5 mn tons of waste dumped
- Dumpsite spread to an area = 29 hectares
- Average Height of dumpsite = 25 metres
- Current estimates of population around site is approximately 100,000
Ghazipur Waste to Energy - RDF Plant (Operational)
Ghazipur WtE Project Highlights

- India’s largest waste processing facility, processing 2000 TPD of waste
- Will produce 700 TPD of RDF (Refuse Derived Fuel) and generate 12 MW of power
- State of the art plant compliant with Euro Emission norms
- Highest standards of Pollution control measures (Flue Gas Treatment, Leachate Treatment Plant, Odor, Dust and Noise control)
- Highest levels of transparency (Continuous Emission Monitoring systems & Visitors’ gallery)
- The plant will mitigate 8.2 million tons of Green House Gas emissions over the next 25 years (life of the project) reducing global warming
- RDF plant commissioned; Power plant target commissioning date is 31st March 2015
Social Interventions: Ghazipur WtE Plant
200 ragpicking families gainfully employed

Gulmeher- Journey of rag-pickers to artisans!
Thank you.