PROGRAM FOR RESPONSIBLE ENERGY MANAGEMENT

(7th – 27th February 2019)

Location:

Auroville Consulting

Kalpana, Crown Road, Auroville, Tamil Nadu 605101

In partnership with Tamil Nadu Urban Finance & Infrastructure Development Corporation Ltd. (TUFIDCO), Auroville Consulting organized a series of five three-day training sessions on Responsible Energy Management for municipal engineers from Tamil Nadu. In total a 192 Municipal Engineers from Tamil Nadu participated in this program. Energy conservation and efficiency as well as distributed energy solutions for municipal projects with focus on pumping systems, building energy efficiency and rooftop solar PV were addressed in the context of achieving responsible demand-supply management that will enable sustainable and equitable economic growth in India. This was a highly interactive program format that included lectures, site visits, financial calculations for energy efficiency interventions and solar PV installations.

### AGENDA

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| **Day 1** |  |
| **Time** | **Activity** |
| 08:00 am - 08:30 am | Breakfast at Guest House |
| 08:45 am | Transport from Guest House to Venue |
| 09:00 am - 09:30 am | Registration |
| 09:30 am - 10:30 am | Introduction to Energy Conservation & Efficiency |
| 10:30 am - 10:45 am | Tea break |
| 10:45 am - 11:45 am | Green Buildings |
| 11:45 am - 12:30 pm | Site Visit (Green Building) |
| 12:45 pm - 01:30 pm | Lunch at Auromode |
| 01:30 pm - 02:15 pm | Efficient appliances (fans, lights, AC, refrigerators) |
| 02:15 pm - 03:00 pm | Efficient appliances (fans, lights, AC, refrigerators) |
| 03:00 pm - 03:30 pm | Tea break |
| 03:30 pm - 04:15 pm | Energy Auditing / Calculating energy baseline, saving opportunities |
| 08:00 pm | Dinner at Guest House |
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| **Day 2** |  |
| **Time** | **Activity** |
| 08:00 am - 08:30 am | Breakfast |
| 08:45 am | Pick-up at Guest house |
| 09:00 am - 10:00 am | Site Visit Decentralized Waste Water Treatment System |
| 10:00 am - 10:30 am | Tea Break |
| 10:30 am - 12:15 pm | Energy Efficiency for pumps |
| 12:30 pm - 01:15 pm | Lunch at Auromode |
| 01:15 pm - 02:00 pm | Site visit Smart Street lights |
| 02:00 pm - 03:00 pm | Energy Efficiency for pumps |
| 03:00 pm - 03:30 pm | Energy Efficiency for pumps |
| 03:30 pm - 04:00pm | Tea break |
| 04:00 pm - 05:00 pm | Energy Efficiency for pumps financing models |
| 05:30 pm - 07:00 pm | Film: Age of Stupid |
| 08:00 pm | Dinner at Guest House |
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| **Day 3** |  |
| **Time** | **Activity** |
| 08:00 am - 08:30 am | Breakfast |
| 08:45 am | Pick-up at Guest house |
| 09:00 am - 10:00 am | Site Visit grid connected solar system at AV Foundation office |
| 10:00 am - 10:30 am | Tea Break |
| 10:30 am - 11:00 am | Solar PV intro/main components |
| 11:00 am - 11:30 am | SPV system design |
| 11:30 am - 12:30 pm | Quality Assessment, operation & maintenance | Testing & commissioning of solar power plants (net metering application) |
| 12:30 pm - 01:00 pm | Program Evaluation & Closing |
| 1:00 PM | Lunch at Auromode |