

17.3.13 c – Progress against SDG13 – Outreach Activities

CENTRE OF SUSTAINABLE DEVELOPMENT

Brief Report on Interaction with the Chairman, TNPCB along with other educational Institutions regarding utilization of CAAQM stations and Data

Venue: TNPCB Seminar Hall

Date: 25-2-2021; Time: 11:30 AM



Director CSD and CSRIC Prof. T Harinarayana and Dy. Director (Campus Development) and Associate Professor Dr. A. K. Kaliluthin, have visited TNPCB and interacted with the Chairman, Thiru AV Venkatachalam IFS, and other engineers from TNPCB along with various scientists who have established CAAQM stations in their campuses in the state of Tamil Nadu. The Continuous Ambient Air Quality Monitoring Stations are located at 25 different locations in the state. For the above meeting, officials from Siriperumbur, Vellore, Trichy, Salem, Namakkal, Tiruppur and Coimbatore stations have participated and shared their issues and problems being faced by them. Chairman pointed out that wealth of data being generated need to be analysed scientifically to come out with a tangible solution to the air pollution problem. The equipment has established near the educational institutions with the sole motive of better utilization by the research community. He also assured that the data will be freely shared to the institute by TNPCB officers. Everyone has agreed to his suggestion and promised to work on this and come out with a report. He invited suggestions from the participants. We suggested that apart from air quality monitoring, water quality monitoring is also necessary for the state of Tamil Nadu as the water quality is being polluted at different times. The data from water quality monitoring will help to pinpoint the issues and find a tangible solution. The chairman has appreciated and noted down the suggestion given.

Later, Mr. R Dhanasekaran, Dy. Director, Labs has shared his PPT report of analysis related to Ambient Air of NCR-Delhi. His findings are 1. Vehicular pollution is the main contributor for the particulate matter levels in Ambient air 2) CO, NO and NMHC in ambient air, PM10, PM2.5 are happening at the same time 3) Anthropogenic activity of vehicles is the main cause for pollution in NCR-Delhi and not the farmers burning of the crop which was widely believed and blamed them before by the media. As a part of solution, EV transportation need to be used instead of HC based vehicles at Delhi. We also met the member secretary of TNPCB, Dr. Selvan and discussed on various possibilities of working jointly on sponsored projects.

**Brief Report on Inauguration of Biogas Plant@ BSARCIS&T, Vandalur
Jointly Established by Council of Scientific and Industrial Research (CSIR) - Central
Leather Research Institute (CLRI) and M/s. KankyoCleantech LLP, Chennai.**

Date: 03rd December 2020

Product Description:

- Supply, Erection, Installation, Commissioning, Operation and Maintenance of Co-Digestion plant for Organic Fraction of Leftover Food Waste, Vegetable Peels and Fruit Peels for Biogas Generation from Hotel Industry on Turnkey Basis.
- Co-digestion plant for leftover Food Wastes, Fruit and Vegetable Peel, Capacity of Plant: 500kg/day.

Objective:

- To lure bright youngsters to take up research activities on full time basis.
- To associate with Scientific Testing for related projects
- To promote and enhance the pilot units to industry standards
- To create innovative knowledge on Biogas Generation through recycle the food waste.

Commissioned and maintained by: Council of Scientific and Industrial Research (CSIR) - Central Leather Research Institute (CLRI) and M/s. KankyoCleantech LLP, Chennai.





Brief Report

Council of Scientific and Industrial Research (CSIR) - Central Leather Research Institute (CLRI), Chennai and B.S.Abdur Rahman Crescent Institute of Science & Technology jointly carried over this project and provided the facilities of Land, Water and Electricity for implementation of the Biogas plant at BSARCIS&T, Vandalur with the financial assistances from Government of India, CSIR-CLRI and the execution of plan, design, mechanical and electrical works are supported by M/s. Kankyo Cleantech LLP, Chennai. After successful installation of all the equipment towards Commissioning of the Project mainly coordinated by Prof. T Harinarayana from BSAR Crescent Institute of science and technology and Dr. K. Bala Kameswari from CSIR-CLRI. The Biogas generation project inaugurated by Dr. A. Azad, Registrar, in the presence of Dr. K. Sri BalaKameswari, Senior Principal Scientist, Environmental Engineering Department, CSIR - Central Leather Research Institute (CLRI), Chennai, Dr. Raja Hussain, Deputy Registrar, Mr.M. ParvezAlam, Director & CEO (CIIC), Sri V.N.A. Jalal, Senior General Manager, Sri D. Anand, CEO, M/s KankyoCleantech, Dr. A. K. Kaliluthin, Associate Professor (Environmental Engineering), Incubation Manager and other officers from CSIR-CLRI. CSIR is continuously monitoring the bio gas generation which will be used for the mess kitchen.

