



Farmers' Meeting Held at Gurubhavan, Devanahalli



The Reuse Team members Ms. Gagana and Mr. Shivareddy, along with Ms. Saida from Town Municipal Council (TMC) Devanahalli, participated in a Farmers' meeting held together with 200 farmers at Gurubhavan, Devanahalli, on 5th February, 2017. The objective of our participation was to get an initial overview of farmers in and around Devanahalli town currently using either raw faecal sludge or dried, treated sludge from the faecal sludge treatment plant (FSTP) Devanahalli. Based on farmers' feedback and questions, we are now designing a workshop on the risks and potential associated with agricultural reuse of human



waste. After the meeting, some of the farmers as well as the President of the State Farmers Association, Mr. Kodihalli Chandrashekar, and the Farmer Association Secretary Mr. Ramesh visited the faecal sludge treatment plant (FSTP) Devanahalli. Both the treatment plant as well as the co-composting operation received much appraisal and calls to be replicated elsewhere.



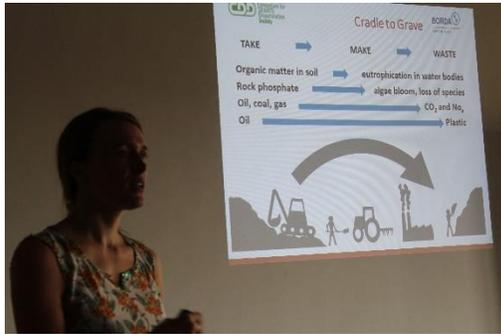
Hand-Over Strategy for Beedi Workers' Colony Pilot Operations

The team met with Mr. Phasha, President of Beedi Workers' Association, to discuss the future of the vegetable garden initiated under Nexus Project in Beedi Workers' Colony in 2015. While the Nexus project ends in December 2017, the association expressed their willingness to continue distributing the produce to Anganawadi and the community for free. In order to facilitate appropriate capacity building and a handing-over of agricultural operations to the local community, the association identified a person, Mr. Riyaz Ahemad, to take over the agricultural operations. Currently, Mr. Riyaz is undergoing training on the regular operations related to reuse of treated wastewater in agriculture. This season's crop planning exercise was done considering the withdrawal of the project and therefore, it includes growing several perennial crops (i.e. plants which live for several years, such as orchard trees).

Workshop on Reuse and Recycling of Sanitation Products in Agriculture

This month, former reuse team member Susanne Wangert conducted a workshop on reuse and recycling of sanitation products in agriculture at CDD Society Bangalore. She had joined CDD Society/BORDA under the weltwärts program in 2015, an exchange program for young professionals initiated by the German Federal Ministry for Economic Cooperation and Development (BMZ). An agricultural engineer (B.Sc.) with two years of work experience as project manager of nutrient recycling and landscape development projects in Germany, she supported the Nexus Project in planning and execution as well as in knowledge transfer. During the workshop, Susanne acquainted participants with the topics of reuse and recycling, and elaborated on both the benefits and challenges of reusing human waste, in India and elsewhere. The target audience were professionals working in the





"sanitation value chain", such as engineers focusing on the design of decentralized wastewater treatment systems (DEWATS) or Faecal Sludge Treatment Plants (FSTPs). After a lecture-style input session, participants applied the newly learned information in an interactive group exercise designed to sensitize for the topic of nutrient recovery. The workshop received positive feedback and with numerous follow-up questions, the team hopes to conduct similar events in the near future. The team thanks Susanne for her professional and personal contributions over the course of the last one and a half years, and wishes her all the best for her ensuing projects, in Germany and elsewhere.



Signing Memorandum of Agreement (MoA) with University of Agricultural Sciences, Raichur, Karnataka

CDD Society successfully established a collaboration with the University of Agricultural Sciences (UAS) Raichur by signing a Memorandum of Understanding (MoA) this month. We sincerely thank UAS for their collaboration, and would furthermore like to extend our gratitude to Dr. V. R. Ramakrishna Parama, professor of soil science at UAS Bangalore (GKVK) and advisory board member of CDD Society's Nexus Project, for his support. This MoA facilitates the construction of several planted drying beds (a type of faecal sludge treatment system) at the Agricultural Research Station (ARS) Gulbarga. Over the course of the coming years, these planted drying beds will serve diverse research purposes relating to nutrient recovery as well as to the removal of contaminants potentially present in faecal sludge (e.g. heavy metals).



Copyright © 2017 CDD Society, All rights reserved.

NEXUS Project | Newsletter 02/2017

We welcome your comments, suggestions and queries! Please write to us:

nexus@cddindia.org

CDD Society · Survey No.205 (Opp. Beedi Workers Colony) · Kommaghatta Road, Bandemath, Kengeri
Satellite Town · Bangalore 560060 · India