

REPORT

Indo-German Business Roundtable on Future Business Opportunities in Energy Efficiency

The Residential Energy Conservation Building Code is currently under preparation by Bureau of Energy Efficiency (BEE) and Ministry of Environment, Forest and Climate Change (MOEFCC) has announced plans to develop a National Cooling Action Plan (NCAP). In light of these policy developments the Indo-German Energy Forum Support Office (IGEF SO) organised a business roundtable on future business opportunities in Energy Efficiency on 12th December at the Embassy of the Federal Republic of Germany in India. Three roundtable discussions provided an opportunity for representatives from the Indian as well as German companies, associations, research and governmental institutions to interact and discuss the market and technology developments for energy efficient building materials and particularly brick industry as well as the projected growth for cooling demand in India.

Dr. Caroline Silva-Garbade, Acting Head of the Economic Affairs Division, Embassy of the Federal Republic of Germany opened the event with a Welcome Address for all participants. Dr. Georg Maue, Division Energy Efficiency, German Federal Ministry of Economic Affairs and Energy (BMWi) gave a presentation on the topic of “Scaling Up Energy Efficiency – Political Framework in the EU and Germany”. Dr. Maue said that the Germany is part of an integrated European energy and climate strategy. He confirmed that increasing energy efficiency is one of the main pillars of the energy transition. Elaborating on the development of Germany’s energy consumption, he said that in almost all sectors energy consumption was reduced and the largest savings were achieved by the trade, commerce and service sectors. Germany is in a unique position to drive the transformation of the energy system in Europe.

Amongst the 36 participants were business representatives from the Indo-German Chamber of Commerce, from companies such as Bosch, TÜV Rheinland, Lloyd Insulations, Knorr-Bremse India, Fenster Baulingel India, BASF, REHAU Polymers, from associations Alliance of an Energy Efficient Economy (AEEE), Council on Energy, Environment and Water (CEEW), Refrigeration and Air conditioning Manufacturer's Association (RAMA), from the research

institution TERI and governmental institutions Bureau of Energy Efficiency and GIZ. The participants of the roundtable on Cooling sought answers to the questions: Is more than 5% overall market growth annually realistic within the next 5 years? Can India become a huge District Cooling market within next 10 years? Which input should find its way into the National Cooling Action Plan (NCAP)? The second roundtable on energy efficient building materials focused on the questions: What is the key challenge for the use of more energy efficient building materials - availability, quality, finance, technology or other? Are energy efficient glazing products cost-effective in India? What does it need from policy makers and private sector to incentivize the demand for energy efficient materials? The participants of the third roundtable discussed production of energy efficient bricks and when will solid clay bricks be substantially replaced by energy efficient alternatives such as perforated clay bricks or hollow bricks. The results of the discussions were presented by the moderators Mr. Markus Wypior, GIZ, Mr. Karl May, GIZ/ BEE and Mr. Tobias Winter, IGEF-SO, followed by the speech of Guest of Honour Dr. Ajay Mathur, Director General, The Energy and Resources Institute (TERI) about key areas of energy efficiency measures in India.