



Foundries seek energy-saving technologies

Energy efficiency is the need of the hour and many industries have shifted or even started developing such methods for the future. Foundries in the region of Coimbatore are likely to approach the National Small Industries Corporation (NSIC), seeking technological up gradation fund to implement energy efficiency technologies. Already, around 20 foundries in the district have adopted energy saving methodologies devised by the Coimbatore Industrial Infrastructure Association (Coindia) and supported by the Bureau of Energy Efficiency (BEE).

Representatives of BEE, ministry of micro, small and medium enterprises (MSMEs) and The Energy and Resources Institute (TERI) visited the energy management cell at Coindia at Avarampalayam to get started with this ideology.

Coindia, which had been implementing energy saving programme for foundries since 2014, sought the representatives to extend the duration of the energy



saving project by two more years and also grant financial assistance to upgrade existing energy saving technologies

Sudhir Garg, Joint Secretary of MSME, commented as a suggestion that around 20 foundries could form a group and seek financial aid from NSIC to implement proven energy saving technologies.

Kuppusamy said they had already implemented four energy saving techniques like the energy efficient compressor systems, efficient core making, harmonics mitigation system and efficient cooling system for furnaces in the foundries in the district.

Coindia representative S Kuppusamy, President said: They would implement these technologies in other units and based on the success, would form groups to seek financial aid from NSIC. They said more foundry units were set to implement the best energy saving practices devised by Coindia and they were planning to extend the programme to other sectors too.

Constellium supplies aluminium supplier for BMW



Constellium NV announced that it is supplying aluminium structural components for new BMW X Model Sports Activity Vehicles. A partner to BMW Group for more than 10 years, Constellium supplies the new BMW X4 and X5 from its plant in White, Georgia.

Constellium provides front Crash Management Systems for both the BMW X4 and X5. The Crash Management System absorbs energy in a collision to protect the occupants and vehicle integrity.

Aluminium is the ideal material for these components thanks to its superior energy absorption properties, and it also helps automakers save weight compared to traditional steel systems. In addition, the Crash Management System plays an important role in pedestrian safety.

Constellium also supplies the aluminium front rails for the BMW X5, which are part of the vehicle architecture and support the

engine. It also serves to absorb energy in the event of a high-speed collision.

The White, Georgia, plant opened in 2017 to serve automakers in the Southeast U.S. and now employs 250 team members.

Constellium is a long-time supplier of BMW Group for both rolled products and structural components. Aluminium continues to be a material of choice for automakers to lightweight vehicles for improved fuel economy and lower emissions and is a natural choice for electric vehicles for greater range, longer battery life and crash and intrusion resistance.