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ESDM Conclave

The ESDM Industry must focus on the number of areas where India can increase self-reliance and both create and leverage intellectual property assets and the high design capability found in India to develop unique global products for and from India.

The Electronic System Design and manufacturing (ESDM) industry in India has achieved significant growth in recent years. The demand for electronics products in India (domestic consumption and exports) is projected to reach ₹21,60,000 crore (USD 400 billion) in FY2020, recording a CAGR of 22 percent. Despite high growth in ESDM industry, the demand has always outpaced the supply.

In this context, Indian Chamber of Commerce (ICC) organized the India ESDM Conclave on June 11, 2013 at Le Meridian, New Delhi. The conference saw participation from all stakeholders including Ministry of Communications and Information Technology, Department of IT of different State Governments, foreign associations having direct involvement in the ESDM industry.

The opportunities in the ESDM ecosystem is expected to bring to the fore the talent and know-how of small and medium enterprises in India, who could play a crucial, supporting role to global companies, Indian Public Sector Units (PSUs) and Indian multinationals, engaged in the design and manufacture of electronics. There is a need to encourage entrepreneurship and innovation in the ESDM sector to achieve the vision of building the ESDM industry in India. To leverage this opportunity,

the government has taken few initiatives, which includes preferential market access for domestic products, creation of electronics manufacturing clusters, special incentive package, electronics development fund, and semiconductor fab.

Elaborating on drivers of the ESDM industry Shyam Ananthanarayanan, VP-marketing, Embedded Product Business, Tata Elxsi asserted, "The ESDM industry poised to grow multifold in the coming years. Telecommunications equipment, consumer electronics, and broadcast equipment are expected to provide a significant part of stimulus for this growth. Some of the products of the electronics policy include wireless base stations, smartphones, tablets, set top boxes, and home gateways."

"With the new policy being announced, there are tremendous opportunities for both Indian companies in terms of product design and services as well as indigenous manufacturing and also participation between Indian companies and foreign companies (Taiwanese and Korean) in terms bringing products to market. The value contribution of products done in India is predicted to escalate, which will bring the next wave of demand for all the ecosystem players. Tata Elxsi has a critical role to play being a leading design and services company. The company has facilitated to develop end-to-end products including smartphones, wireless base stations, video conferencing equipment, and gateways. It has the experience of working with global standards on all of these products in terms of engineering and design capabilities" he added.

The next few years will be crucial for the growth and development of the Indian ESDM industry. The ESDM Industry must focus on the number of areas where India can increase self-reliance and both create and leverage intellectual property assets and the high design capability found in India to develop unique global products for and from India. Computing devices and smart electronics, aerospace, defense and medical electronics are few such areas. ■



H.E. Chung-Kwang Tein, Hon'ble Ambassador of Taiwan at the Conference