



## ***Trade-Technology E-Zine 27***

(Centre for International Trade in Technology)

### **India 2nd in global competitiveness**

India has been ranked second, ahead of the United States and South Korea, in terms of manufacturing competence globally, a report by Deloitte says.

China, India and South Korea have been ranked first, second and third respectively in the *2010 Global Manufacturing Competitiveness Index* —a collaboration between Deloitte Touche Tohmatsu and the US Council on Competitiveness.

“The rise in the manufacturing competitiveness of three countries in particular — China, India, and South Korea — appears to parallel the rapidly-growing and important Asian market,” says the 56-page report.

#### **BEST IN CLASS** 2010 Global Manufacturing Competitiveness Index

RANK	COUNTRY	POINTS
1	China	10
2	India	8.15
3	South Korea	6.79
4	United States	5.84
5	Brazil	5.41
6	Japan	5.11

(*Business Standard*, 11 July 2010)

### **Call to focus on R&D**

Dr T. Ramasami, Secretary, Ministry of Science & Technology, has emphasized the need for closer cooperation between industry, government and scientific institutions for the development of a cohesive national plan on innovation. Compared with the international scenario, private participation in science and technology development in India is negligible. The industries in which the country had natural advantages such as textiles, automobiles, IT and ITeS were also lagging behind in R&D, he said. The raw materials based Indian manufacturing industry should be innovative enough to reduce the raw material cost from the present 75% of the total cost to 45%, he added.

(*The Hindu Business Line*, 10 July 2010)

### **Shivsu wins orders from Africa**

The Chennai-based Shivsu Canadian Clear International Ltd, a water technology solution provider, has bagged \$6 million worth of order from African public and private sector institutions. Shivsu is to set up industrial waste water treatment plants in Kenya, Tanzania and Ethiopia. It will be involved in design, manufacture, supply and installation of the plants.

The treatment plants capable of treating effluents conforming to NEMA (National Environment Management Authority) standards adapt ‘membrane bio-reactor with advanced oxidation process’ technology. They will be supplied to sugarcane, distillery, tannery, textiles and paint industries, of capacities 450 kld (kilo litres a day), 1.2 mld (million litres a day) and 2.5 mld.

(*The Hindu Business Line*, 08 July 2010)

## **Medical device companies focus on ‘Made in India’**

### **GE, Siemens Work on Medical Products Tweaked for Local Markets**

More than 1,000 young researchers and engineers at GE Healthcare could hold the keys to innovations that save lives in vast hinterland. The 50,000-sq. ft. R&D facility, GE Healthcare’s largest, recently launched the MACi, a portable electrocardiogram (ECG) machine that weighs less than 1 kg and runs on a battery even in hot, dusty conditions, enabling ECGs at just \$0.20 each compared with around \$50 currently.

The MACi, and its slightly heavier predecessor MAC 400, were designed, developed and manufactured with local components in India, where greater healthcare spending is boosting medical systems makers like GE, which are now focusing on making products for India.

The market for medical devices is worth up to \$3 billion and growing at more than 10% a year, according to PricewaterhouseCoopers (PWC), drawing foreign firms such as GE Healthcare, a venture with India’s Wipro, Siemens and Philips, which are also pursuing a local-for-local strategy in India. “In theory, the opportunity is huge,” says Sujay Shetty, leader of the pharma practice at PWC in India.

“In India we want first-world technology at third-world prices. So India can also be a springboard for Africa and Latin America, which have similar needs,” he said. India’s healthcare industry, estimated at more than \$30 billion, will double in value in five years, according to PWC.

*(The Economic Times, 06 July 2010)*

### **FIEM’s JV with Ichikoh**

FIEM Industries Ltd has signed two MoUs with Ichikoh Industries Ltd of Japan for setting up a joint venture company for automotive lighting and signalling equipment for four-wheeler business in northern and eastern India and for forming a strategic global ‘Fiem-Ichikoh Alliance’ for acquiring the 2-wheeler automotive lighting business in global markets.

*(The Hindu Business Line, 06 July 2010)*

### **Alstom to soon launch eco-friendly products, services**

Alstom will soon launch several environment-friendly products and services aimed at catering to the needs of country’s rapidly-growing power sector. On the anvil are not only power equipment producing much higher efficiency, but also carbon-capture technologies and service centres geared to retrofit existing power stations to give higher generation and improved efficiency.

“Like other energy markets dominated by coal, bringing down carbon emissions and focusing on non-carbon technologies would form big part of company’s growth strategy in India. Its initial focus will be on expanding carbon-free technologies and improving efficiency of power plants.

As part of the strategy on carbon-free technologies, Alstom is working on a tripartite venture with BHEL and Nuclear Power Corporation of India Ltd (NPCIL) to provide technical support and supply turbines to the nuclear power projects in India.

Alstom intends to make carbon capture technology commercially available by 2015, by then Indian market is also expected to find greater acceptance.

*(The Economic Times, 03 July 2010)*