

Mr. S B Dangayach

***Managing Director
Sintex Industries Ltd.***



- ❖ Recipient of the ‘Best Manager’ award in 1998 by Ahmedabad Management Association, Mr. Dangayach is perceived as an ‘entrepreneur’ and is featured in the bestselling book ‘Stay Hungry Stay Foolish’, authored by Rashmi Bansal. He has been conferred with the award of “Distinguished Alumnus of IIMA” during its Golden Jubilee Celebration in 2011.
- ❖ Mr. Dangayach is also Chairman of Sintex International Limited that manufactures Homoeopathic medicines.
- ❖ He has been a part of many symposiums, seminars and conferences relating to plastics, housing, renewable energy, water, innovation, entrepreneurship and leadership.



Sintex

Future of Indian Plastic Industry

By:

S B Dangayach

Managing Director

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Plastic Industry - Big and Still Growing

- *Ubiquitous and Omnipresent – An essential part of our modern Life*
- *Evolving with many new offerings and applications*
- *Second only to Steel in world of materials*
- *Growing at double digit over last two decades*
- *High employment generation for a given investment*
- *Greenest of all materials*

World of Plastics

Plastics In General classified as:

- Thermoplastics – *PE, PVC, PP, PS, Nylon etc.*
- Thermosets – *Polyester, Epoxy, PU etc.*

90% of Textiles – *A scion of Plastics*

100% of Composites – *Resin media is Plastics*

Plastics – In sync/tune with National Goals

- Hefty, Inclusive and affordable Growth
- Clean, Green and Low Carbon Growth

What are pillars of “Green” concept

- Resource Efficiency – *Engineered to meet functional goals with much less material*
- Energy Efficiency – *Less embodied and operational energy as compared to other materials*
- Water footprint – *Lowest water footprint for Processing and Conversion*
- Eco Friendliness – *Clean for manufacture*
***Scapegoat** for failure of Solid Waste management across the Country*
- Health Impact – *Positive impact and a part of healthy living and healthcare solutions*

Areas of Growth of Plastics in India So Far

- *Packaging* ++ 20%
- *Automotive* + 5 -10%
- *Appliances* + 5 -10%
- *Healthcare and Hygiene* ++ 20%
- *Agriculture* + 5%
- *Building & Construction* ++ 20%
- *Infrastructure* ++ 20%

Futuristic growth Areas

- *Moving to International market*
- *New application development*
- *Building new business models of waste to wealth*
- *Collective actions to change image of Plastics as “**greenest**” materials*

Steps for Extra Growth of Plastics

- *Investment and efforts for capacity building, training, design and application development*
- *Enhanced thrust on clean and green manufacturing practices*
- *Upgradation of Technology and scale to be internationally competitive*

Conclusion

- Plastics – *Material for Aam Admi and also for Khas Admi (e.g. Bullet proof jacket)*
- Plastics – *Greener and Cleaner*
- Plastics – *Lowest Water & Energy footprint*
- Plastics – *Greatest Job Creators*
- Plastics – *Enhancer of Comfort & Convenience*

And hence,

Huge Potential

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Thank You

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