



NATIONAL WORKSHOP ON

'RESOURCE USE & EFFICIENCY POTENTIAL IN INDIAN AUTOMOBILE INDUSTRY'

DATE: 30th May, 2016

VENUE: Magnolia Hall, India Habitat Centre, Lodhi Road, New Delhi

09:00 am – 09:30 am: Registration

09:30 am – 10:05 am: Inaugural session

09:30 am – 09:35 am: Welcome and Introduction – Dr. Suneel Pandey, (Director, TERI)

09:35 am – 09:40 am: About Indo-German Resource Efficiency Initiative in India – Dr. Rachna Arora, (Sr. Adviser, GIZ)

09:45 am – 09:50 am: Opening remarks – Dr. Ajay Mathur (DG, TERI)

09:50 am – 10:05 am: Special Addresses

– Mr. A. K. Pateshwary (Director, International Cooperation & Sustainable Development, MOEFCC, Govt. of India)

– Mr. I. V. Rao (Executive Advisor, Engineering & Director, Maruti Suzuki India Limited)

– Mr. Dinesh Vedpathak (Head, ACMA ACT)

Vote of thanks

10:05 am – 11:30 am: Session I - Understanding existing and future use of resources in Indian automobile Industry

Over the past decade India's automobile sector has achieved significant growth. The growing demand for automobiles, have also driven up direct and indirect consumption of major resources. In this context, the session would understand the current and future trend in consumption of select resources, the challenges of procuring materials by the automobile industry in the future and opportunities that exist in overcoming these challenges. The session will seek answer for the following questions

- *What are the current and future trends in resource consumption in the automobile sector?*
- *What are the current and potential future challenges and opportunities for meeting the future demand for resources?*
- *To what extent India's automobile sector have brought in innovation in improving material use through, resource recovery, re-use and recycling?*
- *What initiatives the OEMs are taking for increasing material use efficiency?*

10:05 am – 10:10 am:	Welcome remarks (Session chair) – Mr. Nitya Nanda (Fellow and Area Convenor, TERI)
10:10 am – 10:25 am:	Presentation1: Current and future resource use in Indian Automobile industry– Mr. Souvik Bhattacharjya (Fellow, TERI)
10:25 am – 10:35 am:	Speaker 1: Mr. Manjeet Singh Saluja (Technical Expert, GIZ)
10:35 am – 10:45 am:	Speaker 2: Dr. Saon Roy (Sr. Fellow, ICRIER)
10:45 am – 10:55 am:	Speaker 3: Mr. M. A. Bawase (Deputy General Manager, ARAI)
10:55 am – 11:05 am:	Speaker 4: Dr. Saravanan N (Sr. Manager, Mahindra & Mahindra)
11:05 am – 11:20 am:	Discussion/Q&A
11:20 am – 11:30 am:	Final remarks by Session chair

11:30 am – 12:00 pm: Tea/Coffee

12:00 pm – 01:30 pm: *Session II – Opportunities for improving material use in Indian automobile sector*

As India is looking at very high rates of growth of the automobile sector in the coming years, fostering resource efficiency in the sector will open up many opportunities to limit the risks and challenges associated with increasing demand for resources and also reduce the adverse environmental impacts associated with resource extraction and use. From efficient production processes, to development of innovative products through use of recyclable materials and/or less material, are areas where companies will increasingly be focusing at for driving resource efficiency. This session will strengthen the understanding of possible resource efficiency interventions being practised in the automobile sector in India and help in learning the derived benefits and upscaling of the successful interventions.

- *What initiatives the auto component manufacturing companies are taking for increasing material use efficiency?*
- *What has been OEMs influence on component manufacturers for manufacturing resource efficient products?*
- *What challenges are perceived by component manufacturers with respect to technology access and transfer, policy landscape, etc. for improving resource efficiency?*

12:00 pm – 12:10 am:	Welcome remarks (Session chair) – Mr. I. V. Rao (Executive Advisor, Engineering & Director, Maruti Suzuki India Limited)
12:10 pm – 12:20 pm:	Speaker 1: Mr. V. K. Sharma, (Principal Counsellor ACT, ACMA)
12:20 pm – 12:30 pm:	Speaker 2: Dr. M. Balakrishnan (Sr. Fellow, TERI)
12:30 pm – 12:40 pm:	Speaker 3: Ms. Anjali Sahasrabuddhe (Director, Vishwadeep Press Parts, Pune)



12:40 pm – 12:50 pm:	Speaker 4: Mr. Siddharth Setiya (Plant Manager, Platemasters, Pune)
12:50 pm – 01:00 pm:	Speaker 5: Mr. Virendra Kumar, (Plant Head, Sterling Tools Limited, Faridabad)
01:00 pm – 01:25 pm:	Discussion/Q&A
01:25 pm – 01:30 pm:	Final remarks by Session chair

01:30 pm – 02:30 pm: Lunch

02:30 pm – 04:00 pm: *Session III – Policy framework for promoting resource efficiency in the Indian Automotive sector*

It is certain that in the coming years, there will be growing number of vehicles that will retire and managing these end-of-life vehicles (ELVs) will pose substantial challenge. Yet opportunities will open up in scientific dismantling, reusing, and down cycling that can reduce demand for virgin materials. Although some guidelines have been laid, there are many questions that still need to be answered and issues sorted before efficient ELV management become a reality. Achieving such a model calls for revisiting some of the existing policies, understanding the possible gaps and plugging them based on recommended changes. The session will understand those gaps and explore ways in adopting a resource efficient model for the automobile sector in India.

- *What are the areas that government, industry and research fraternity need to work together for improving resource use across the production value chains?*
- *What are the challenges of implementing ELV management in India?*
- *How can ELV management be improved in India?*
- *How components/automobile manufacturers can design vehicles reflecting weight reduction and increase recyclability of possible non critical components?*

02:30 pm – 02:40 pm:	Welcome remarks (Session chair) – Mr. Shri Prakash, (Distinguished Fellow, TERI)
02:40 pm – 02:55 pm:	Speaker 1: Dr. Mita Sharma (Sr. Scientist, CPCB)
02:55 pm – 03:10 pm:	Speaker 2: Dr. Ashish Chaturvedi (Sr. Fellow, Adelphi)
03:10 pm – 03:25 pm:	Speaker 3: Ms. Buvanewari (Manager, Maruti Suzuki India Limited)
03:25 pm – 03:40 pm:	Speaker 4: Captain N S Mohan Ram, (Consultant TVS Motor Company)
03:40 pm – 03:55 pm:	Discussion/Q&A
03:55 pm – 04:00 pm:	Final remarks by Session chair

04:00 pm – 04:10 pm: *Closing remarks and Vote of Thanks*
