

MARCH 5TH, 20121st Fraunhofer Innovation and Technology Platform (FIT)

MOBILITY AND LOGISTICS

The Leela Kempinski Hotel Gurgaon, Haryana, (NCR), India
March 5th – 6th, 2012



16.30 – 17.00 Registration / Reception / Film

17.00 – 18.00 Panel Discussion

“Technology as a driver to improve quality of life”

Welcome Address

Mrs. Anandi Iyer (Fraunhofer Representative and Senior Advisor India)

Guests of Honour:

Dr. R. Chidambaram (Principal Scientific Advisor to Prime Minister)

Dr. Matthias Hack (Director Asia and Oceania Department, Federal Ministry of Education and Research, Govt. of Germany),

Industry Panelists:

Dr. V. Sumantran (Vice Chairman, Hinduja and Co-Chair FIT Platform)

Prof. Dr.-Ing. Uwe Clausen (Chairman, Fraunhofer Transport Alliance and Co-Chair FIT Platform)

Mr. Matthias Krause (Chief Technology Officer, Siemens Infrastructure & Cities, Germany)

18.15 – 19.30 Award Ceremony: German High Tech Champions in Sustainable Transportation

Dr. Anke Hellwig (Deputy Director, International Department Fraunhofer)

19.30 – 22.30 Cocktails and Networking Dinner

Fraunhofer is Europe's largest applied research organisation with 80 institutions, 20000 employees and a turnover of Euros 1.8 billion. The Fraunhofer Innovation and Technology Platform (FIT) is an exciting initiative of Fraunhofer which showcases its competencies, latest technologies, innovative ideas and solutions. The inaugural event is being held for the first time as part of the on-going initiative of the Govt. of the Federal Republic of Germany: Germany and India 2011-2012 – Infinite Opportunities. The event will be held on an annual basis, focusing on different thematic fields every year and showcasing cutting edge technologies, innovation and solutions like never before.

The 1st FIT Platform 2012 focusses on **Mobility and Logistics** as thematic areas. The event kicks off on 5th of March 2012 with a high profile panel discussion on the subject **“Technology as a driver to improve quality of life”**. This is followed by the Awards Ceremony of the “German High Tech Champions”, where innovative and path-breaking ideas of young German research and industry practitioners, which have a strong business focus, are presented in the form of short presentations.

The second day, 6th of March is devoted to technical sessions on the sub-thematic areas of urban transportation, electrical mobility, light-weight design, smart solutions for multimodal transportation and logistics, biofuels and environmental impacts.

Inaugural Session: Mobility and Logistics**09.30 – 09.35** Welcome Address

Mrs. Anandi Iyer (Fraunhofer Representative and Senior Advisor India)

09.35 – 09.40 Lamp Lighting by Dignitaries on Stage**09.40 – 09.50** Setting of Context

Dr. V. Sumantran (Vice Chairman, Hinduja)

09.50 – 10.00 Fraunhofer and its Role in Mobility and Logistics

Prof. Dr.-Ing. Uwe Clausen (Chairman, Fraunhofer Transport Alliance)

10.00 – 10.10 The India Auto Component Industry and its Challenges

Mr. Deep Kapuria (President, ACMA Centre of Technology)

10.10 – 10.25 Technical Keynote Address "Greening of Freight"

Prof. Dr. Alan McKinnon (The Kuehne Logistics University)

10.25 – 10.40 Mobility Concepts and Solutions from Fraunhofer

Prof. Dr.-Ing. Holger Hanselka (Director, Fraunhofer Institute for Structural Durability and System Reliability LBF)

10.40 – 11.00 Sustainable Production for the Mobility of Tomorrow

Mr. Axel Demmer (General Manager, Fraunhofer Production Group)

11.00 – 11.30 Coffee/Tea Break**Technical Session: Transportation and Environment, Electro Mobility and Design****11.30 – 11.45** Presentation on E-Mobility and Setting of Context

Prof. Dr.-Ing. Holger Hanselka (Chairman)

11.45 – 12.00 Mobility Solutions – An Electric Vehicle Perspective

Mr. Gopal Kartik (General Manager Business Development and Mobility Solutions, Mahindra Reva Electric Vehicles Pvt. Ltd.)

12.00 – 12.15 Sustainable Transportation Solutions through TERI's Experience

Dr. Leena Shrivastava (Executive Director, TERI)

12.15 – 12.30 Innovation in Production Technologies –

Precondition for Resource Efficiency

Dr.-Ing. Andreas Sterzing (Fraunhofer Institute for Machine Tools and Forming Technology IWU)

12.30 – 12.45 Use of Sustainable Biofuels for Aviation

Mr. Axel Hilgers (Director South Asia, Lufthansa)

12.45 – 13.00 Discussion and Q&A moderated by Chairman

Prof. Dr.-Ing. Holger Hanselka

13.00 – 13.45 Lunch Break**Technical Session: Urban Mobility****13.45 – 14.00** Presentation on Urban Mobility and Setting of Context

Dr. V. Sumantran (Chairman)

14.00 – 14.15 Sustainable Technologies for Urban Public Transport

Dr.-Ing. Matthias Klingner (Director, Fraunhofer Institute for Transportation and Infrastructure Systems IVI)

14.15 – 14.30 The Indian Context. Specific Solutions to the Complex Urban Habitats

Prof. Dr. Dinesh Mohan (IIT Delhi)

14.30 – 14.45 Leveraging Open Innovation for Smart Urban Mobility

Dr.-Ing. Sabine Brunswicker (Head of Innovation Programmes, Fraunhofer Institute for Administration and Organisation IAO)

14.45 – 15.00 Discussion and Q&A moderated by Chairman

Dr. V. Sumantran

15.00 – 15.30 Coffee/Tea break**Technical Session: Logistics****15.30 – 15.45** Presentation "Logistics makes the world go round" and Setting of Context

Prof. Dr.-Ing. Uwe Clausen (Chairman)

15.45 – 16.00 Innovative Solutions for City Logistics

Mr. Matthias Krause (Chief Technology Officer, Siemens Infrastructure & Cities, Germany)

16.00 – 16.15 The India Story. Challenges and Opportunities in Logistics

Mr. Ravichandran (Executive Director TVS Logistics)

16.15 – 16.30 Green Logistics

Dr.-Ing. Kerstin Dohers (Fraunhofer Institute for Material Flow and Logistics IML)

16.30 – 16.45 Safety in Railway Transport

Dr.-Ing. Dirk Berndt (Fraunhofer Institute for Factory Operation and Automation IFF)

16.45 – 17.00 Discussion and Q&A moderated by Chairman

Prof. Dr.-Ing. Uwe Clausen

Concluding Session**17.00 – 17.15** Presentation of the Key Take Aways of each Session by the three Chairmen**17.15 – 17.25** Statement by Prof Sadagpan (Director, Indian Institute of Information Technology Bangalore)**17.25 – 17.35** Statement by Mr S Sandilya (President, Society of Indian Automobile Manufacturers SIAM and Non-Executive Chairman, Eicher Motors)**17.35 – 17.45** Statement by Mr Jayant Davar (Former President, Automotive Component Manufacturer's Association ACMA and Vice Chairman Sandhar Technologies)**17.45 – 18.15** Discussion and Q&A**18.15 End of Conference**