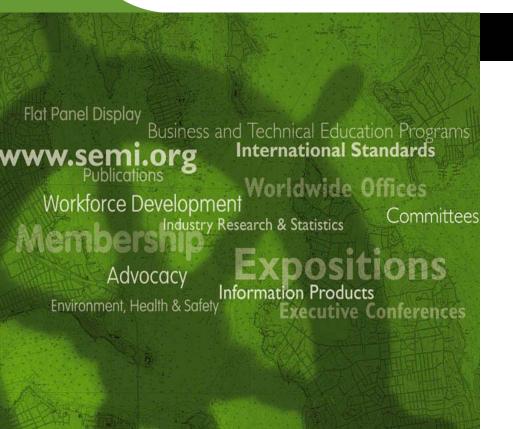
IMSG

Industry statistics sub-committee.



ELOY JC

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July 2004 Semicon West

Industry statistics action

- Define the scope of analysis
- Set-up the international network in order to have access to the information
- Propose a methodology and a way of working to have access and make visible the industry statistics



Scope of the analysis (1)

- Definition of the market value and trends in the Mems devices areas, including:
 - Ink Jet Head
 - Pressure sensors
 - Accelerometers
 - Gyros
 - Optical Mems
 - RF Mems
 - Microphones
 - Biochips and microfluidic device



Scope of the analysis (2)

- Definition of the market value and trends for the equipment and materials involved in the manufacturing of Mems devices, including:
 - Front end : mask aligners, wafer bonders, deep
 RIE ...
 - Back end equipmend : flip-chip ...
 - Materials : wafer (Si, SOI, glass ...) and chemicals
- First presentation made during Semicon Europa 04



Work done

- Analysis of the information needed by the Mems community in term of industry statistics
- World Mems Fab database



Industry statistics needs

- Analysis made with the member of the IMSG
- Main results :
 - Interest to have information on both Mems device markets and equipment/materials markets
 - Frequency: Once to twice per year
 - Strong interest on a book to bill analysis linked to Mems equipment and materials



World Mems Fab

- Availability of the key data of all the Mems Fab worldwide :
 - Launch of the World Mems Fab database at Semicon West in the Semi catalogue
 - Description of 350 fabs in Europe, North America and Asia.



Next steps

- Define the availability fo the information in order to build the industry statistics :
 - At Mems device level with Mems manufacturers
 - At the equipment/materials level with suppliers involved in the Mems markets

