

IMSG Proposed Roadmap

Draft

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Charter of the IMSG

To facilitate collective and global efforts on issues related to the MEMS industry that ... are more appropriately undertaken as an international industry association ..., among which are:

- 1. To acquire and disseminate market information and statistics about IMSG activities ...
- 2. To achieve better representation in regard to legislation and lobbying efforts concerning the MEMS industry.
- 3. To promote customer awareness of the technical, regulatory, and business issues facing the MEMS industry in meeting customer expectations in product quality and value.
- 4. To promote and support cooperative and global efforts between the International MEMS Steering Group members and other SEMI member companies to solve common problems and eliminate duplication of resources.
- 5. To promote awareness in the global SEMI organization of the expectations of the International MEMS Steering Group members and of the international MEMS industry
- 6. To promote participation in the SEMI International Standards Program for MEMS-related issues and to promote user awareness about SEMI standards.
- 7. To be involved in planning and/or sponsoring activities for SEMI exhibits, technical meetings, seminars and other SEMI events connected with the MEMS industry.
- 8. To receive SEMI support for meetings with MEMS industry leaders to discuss future trends and needs.
- 9. To create a forum to discuss safety and environmental issues.

Roadmap Purpose

- Provide IMSG members & Exec Committee a clear set of strategic goals to
 - Develop a focused “MEMS Message” to SEMI, IMSG members and their customers
 - Determine current membership needs
 - Maximize resource returns
 - Integrate NANO activities into the IMSG on all levels
 - Prioritize product/service development in line with needs of current membership
 - Provide a process for effective bi-annual planning and membership feedback
 - Provide a method measuring results and make course corrections as necessary

Strategic Goals

- **Publish & maintain both national and international standards roadmaps**
 - Focus on reducing cost of development or cycle time to commercialization
- **Hold expositions & technical conferences to**
 - Improved development of industry infrastructure
 - Improve commercialization of MEMS
 - Create a better understanding of nanotechnology challenges and opportunities
- **Provide Industry Statistics**
 - To map industry capabilities & capacity
 - Improve accessibility and quality of information

2004 Milestones

- **Standards**
 - Support Asia-Pacific and Japan start-ups
 - Develop timely routine NA-EU communication
 - Explore how to develop a global MEMS Standards Roadmap
 - Foster and support strategic standards alliance with IEEE in MEMS and nano
- **Exposition**
- **Technical Conference**
 - NanoForum 2004 in Austin, TX, Nov 14-17
- **Industry Statistics**
 - Partnerships with Yole Developpement (Industry Research/market products) and enablingMNT (microsystems newsletters)
 - First SEMI Quarterly Webcast in June '04 included InStat/MDR MEMS market overview
 - First nano market overview presentation anticipated for August '04 Quarterly Webcast (smalltimes rep invited)

2005 Milestones

- **Standards**
 - Integrate global standards communication at IMSG and working levels
 - Pursue strategic alliances with other SDOs
 - Continue to collaborate in the nano sector
- **Exposition**
- **Technical Conference**
- **Industry Statistics**

2006 Milestones

- **Standards**
 - Depends on where we are at mid-2005
- **Exposition**
- **Technical Conference**
- **Industry Statistics**