

Asia-Pacific Regional Report



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Asia-Pacific Region- General Background

- Countries in this region are at the starting gate of MEMS industry
- How or What kind of MEMS standards to be established needs help from SEMI staff for encouragement and training
- It will take time to cultivate relationships to establish channels of communications with right local parties
- Local SEMI resources is essential
- Personal relationship with key players is crucial to the success of MEMS standards activities

Taiwan Status-1

- Visited Two Taiwan MEMS Foundries and One MEMS Manufacturer in June - -Asia Pacific Microsystems, Touch Micro-system Technology and NeoStones Microfabrication Corporation,
- Most MEMS companies are struggling to survive, wish to have killer applications to fill their manufacturing pipe line
- Standards are something they all like to have, but none of them has the resources to do anything
- All of them wish somebody else to set up MEMS standards so that they can use them.

Taiwan Status-2

- SEMI Taiwan appeared to be very much short in resources and there was no progress in MEMS standards activity
- A-P MEMS Commercialization Forum 2004 in Taiwan was very successful
- The two day forum was the platform for MEMS commercialization, had 170 attendees and 20 presentations from guests from Australia, Austria, Germany, The Netherlands, UK, US, Japan and Taiwan
- Key to success – MANCEF, ITRI and NATEA poured in resources to make the forum a success

Status in Korea

- Contacted Dr. Park in Korea there was not much MEMS Standards action in Korea either
- SEMI Korea appeared to be in the similar situation like Taiwan - very much short in resources and there was not much progress in MEMS standards activity
- Need giants like Samsung, LG to take the lead.
- SEMI Korea has to initiate and follow up continuously

Future Action

- Seeking advice from IMSG Executive Committee for Guidance
- Strategizing with SEMI staff for our next action plan