

# Industry Statistics Sub-Committee

**ELOY JC**

**YOLE Développement**

**Sub-committee chairman.**

**[eloy@yole.fr](mailto:eloy@yole.fr)**

**April 2004**

**Semicon Europa**  **semi**



# 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, using available information at Yole Développement.**

# Status at Semicon Europa 04

- **Identification of the equipment and materials manufacturer involved in Mems manufacturing :**
  - Done in Europe, USA and Japan
  - To be done in Taiwan, Korea and China (if any)
  
- **Build the access to the information**
  - On the way
  
- **Identify all Mems manufacturers worldwide :**
  - Done in Europe
  - On the way in USA, Asia and Japan

# Next steps

- First presentation of the analysis made at Semicon Europa 2004
- Final presentation at Semicon West 2004
- Please, feel free to contact me to give me details on your company activities as supplier of the Mems industry or Mems manufacturers :

JC Eloy  
eloy@yole.fr