

Environmental, Safety and Health Thrust

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AGENDA

- **Clearance of 1999 Issues**
- **Issues for 2000 Update**
 - **Red/Yellow Discussion**
 - **ESH “Filter”**
 - **Cross-TWG Activity**
- **Future Plans**

1999 CLOSURE

RECOGNITION

International Technology Roadmap for Semiconductors



Leuven, Belgium, April 2000

Work in Progress - Not for Publication

RED/YELLOW ZONE

- **RED as Early as 1999**
- **Divide between technology driven and ESH driven issues**
- **Clarify Language - Convert to Yellow where possible**

ESH PRESCREEN and FILTER

- **Prescreening of Technology Thrusts to ID ESH Issues**
- **Identify Roadmap need for ESH “FILTER” to be used by Scientists & Engineers**
- **2001 ITRS - Initiate metrics from results of items above**

CROSS-TWIG ACTIVITY

- **Reviewed Factory ESH Requirements with FI ITWG**
- **Based on Factory “NODES”, Metrics will be identified for Factory Performance**
- **2001 ITRS - Research needs for resolving facility system concerns**

PLANS

- **Apply Pre-Screen**
- **Integrate ESH “Filter” in Roadmap**
- **Provide FI with Table on Energy & Water consumption**
- **Identify need to balance point-of-use vs large facility systems for ESH controls**
- **Interact with other technical thrusts**
- **Motivate KSIA & TSIA to participate**