

MANGANESE

Market Research Overview

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IMnI EPD Seminar

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Guangzhou, China

IMnI Market Research

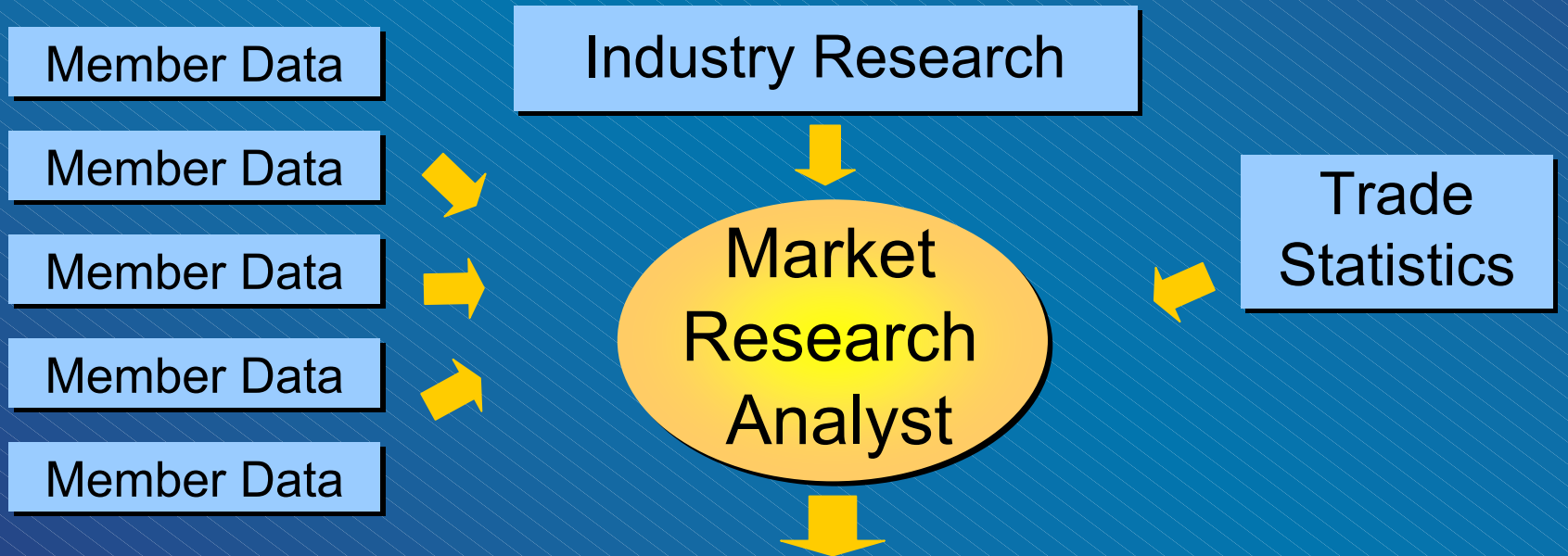
- IMnI Market Research Overview
- Mn Alloy (production and consumption)

Statistics Committee

- Identifies and determines best report formats and practices.
- Standardizes units of measure for reporting metrics.
- Communicates statistical information ONLY to Market Research Analyst who aggregates to protect member confidentiality. (No member to member statistics dialogue)

IMnI Market Research

The Market Research Analyst confidentially gathers a wide range of information to build a clear picture of the industry



IMnI Quarterly Industry Research Report

Industry analysis including forecasts and trend analysis

IMnI Market Research

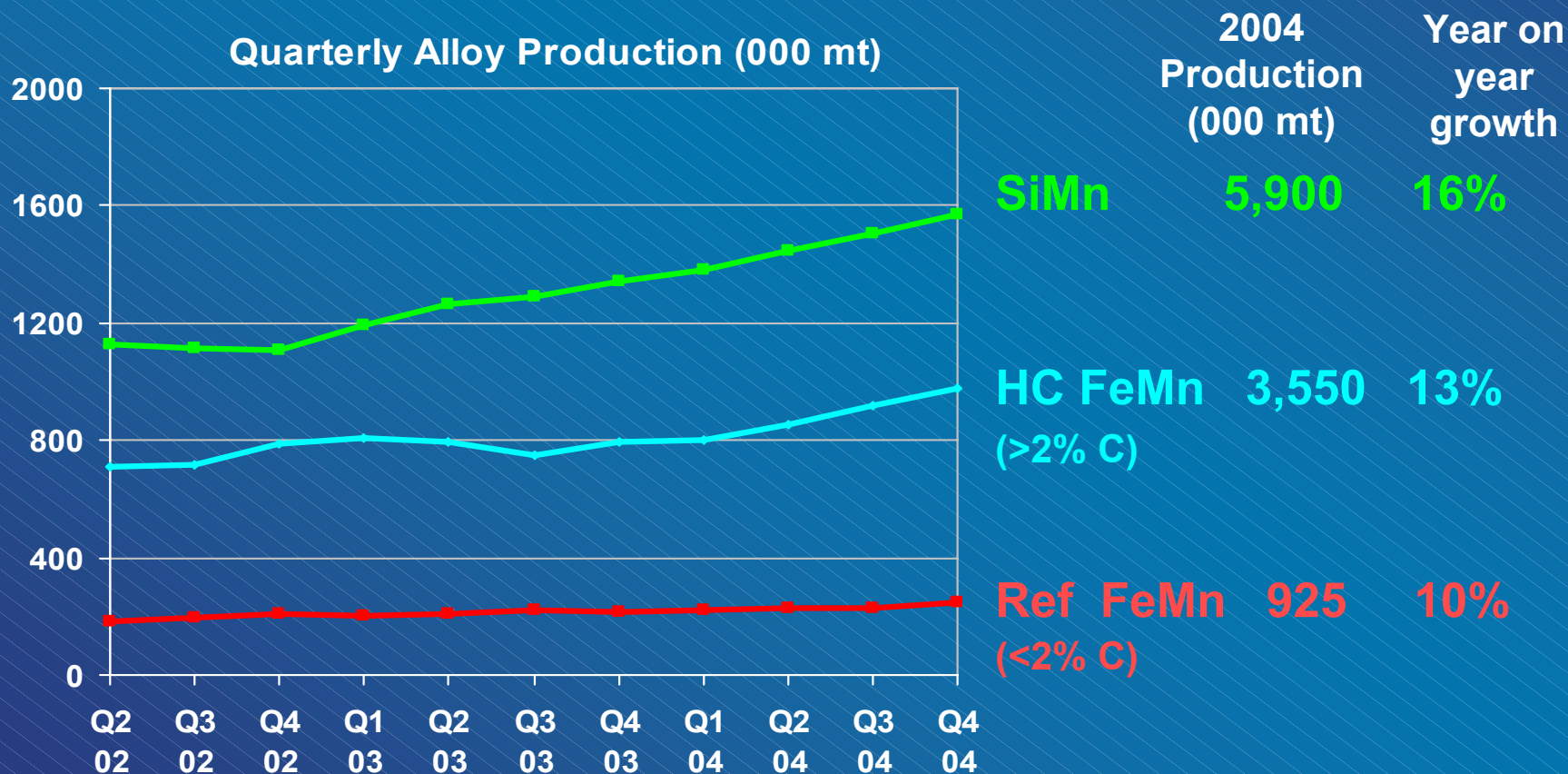
IMnI Quarterly Industry Research Report

Report Examples

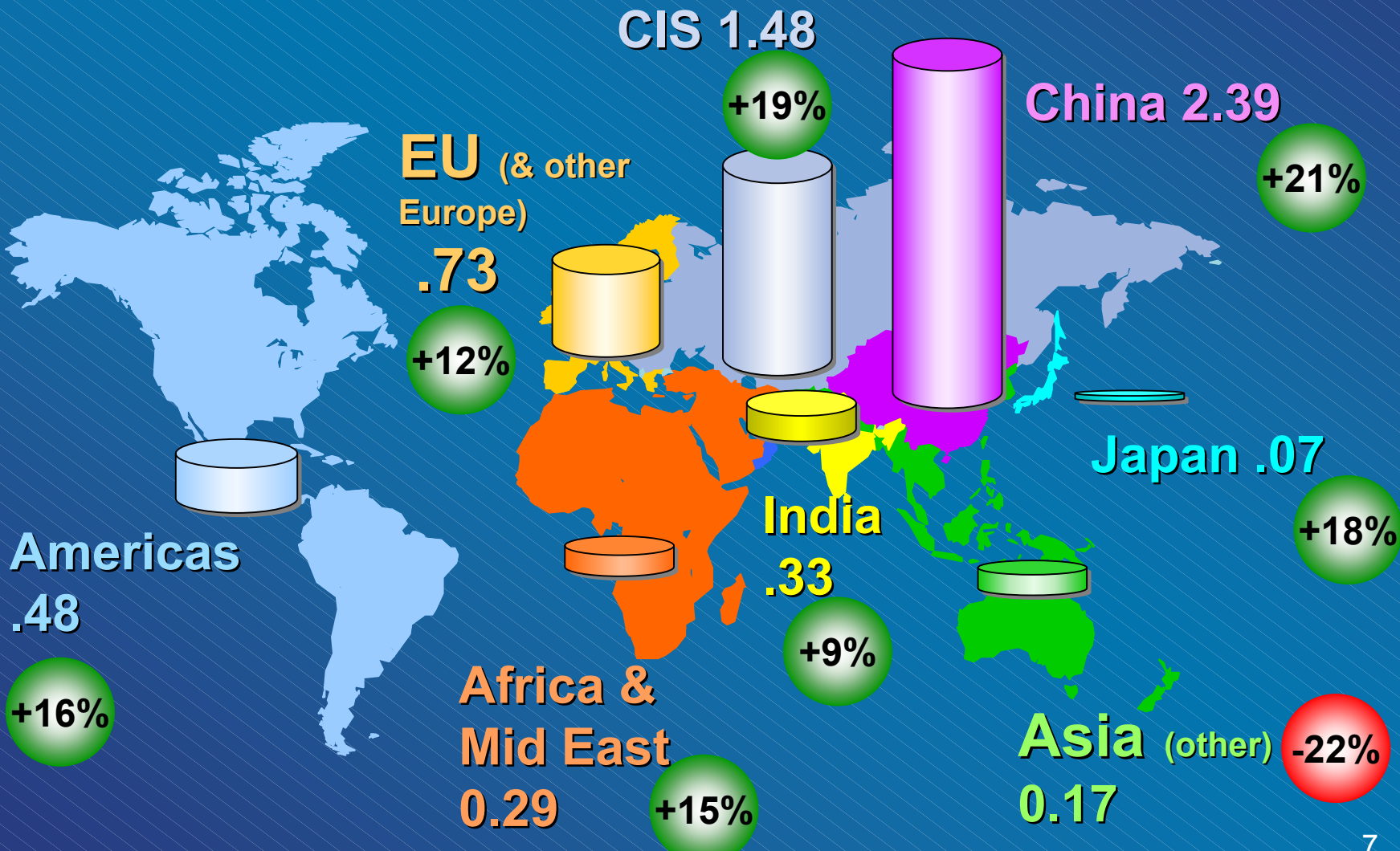
- Quarterly Mn ore and alloy consumption
- Mn ore and alloy Production
- Supply Demand Balance
- Inventory changes
- Import and Export flows
- Capacity utilization

Total Mn Alloy Production

2004 World production = **10.4** mil metric tons
14% growth from 2003

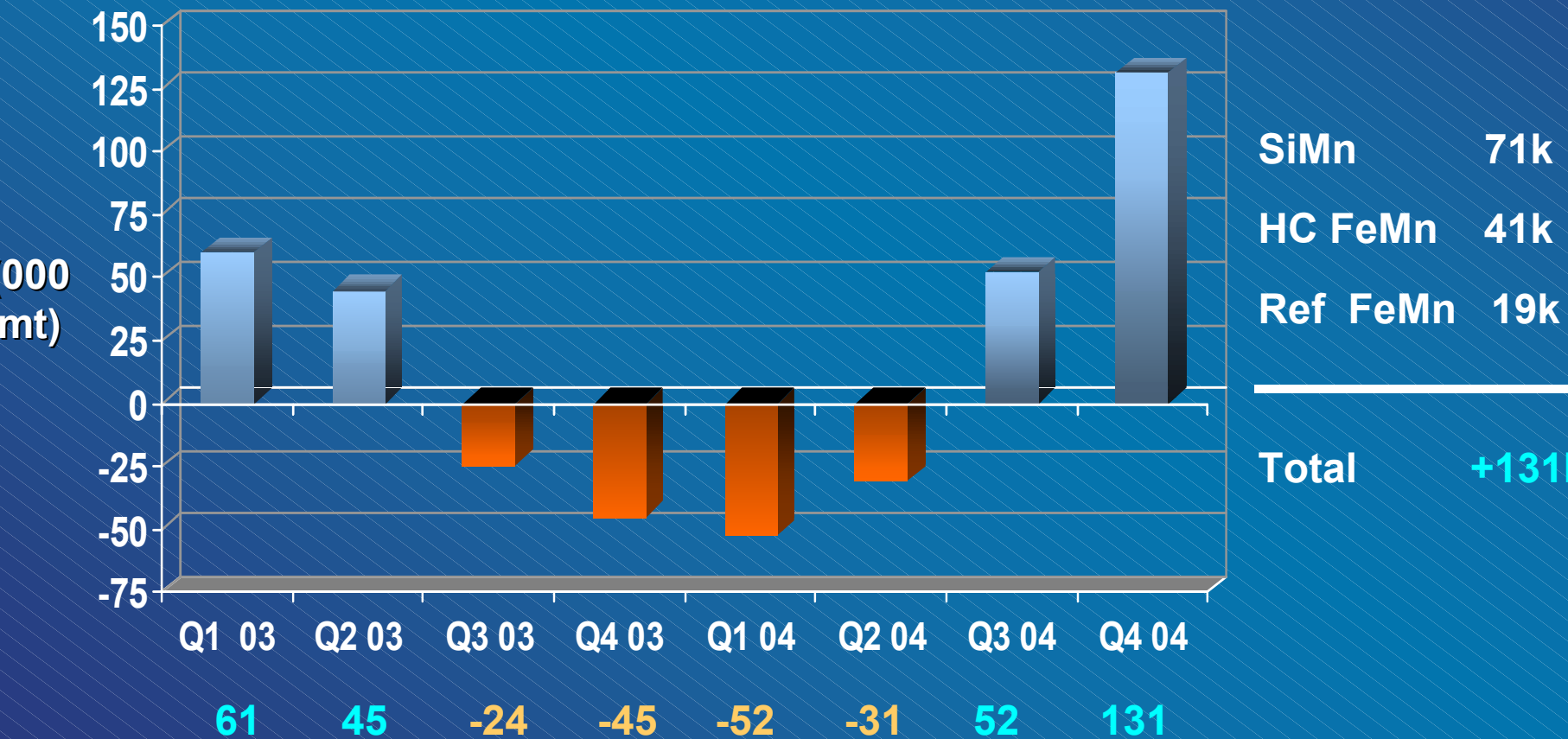


SiMn Production 2004 = 5.9 M mt



Global Mn Alloy Supply & Demand

The world Mn alloy supply & demand balance





Questions?

Thank you