



# The Global Titanium Metal Industry



TZMI and EHK Technologies  
join to deliver the most  
comprehensive report available  
for the titanium metal sector

**RELEASED  
MAY 2007**



“ The report covers detailed demand estimates to 2015, during which period demand is forecast to grow at an average compound rate of 7.3%, still showing some cyclical behaviour. ”

## Key features

Detailed analysis and commentary including:

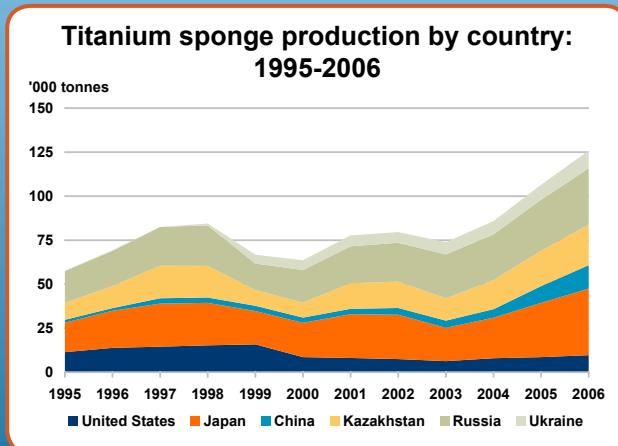
- Review of all industry sectors from feedstocks to major products.
- Analysis of titanium markets.
- Major influences on pricing.
- An overall view of market dynamics in the period to 2015, covering supply/demand and prices.
- Cost analysis of major sponge producers in 2006.
- A comprehensive review of the range of new technologies being investigated and their potential for commercialisation.
- Competitive and strategic issues facing the industry.
- Profiles of all major industry participants.
- Influence of major regions.



This study is directed at being the essential background and reference publication for all industry participants including producers, consumers, possible new industry entrants and the financial community

This value driven study provides:

- Detailed insight into the rapidly growing influence and future role of China on the global titanium business.
- A review of new technologies.
- A framework within which industry participants may base future decisions on supply, consumption and pricing issues.



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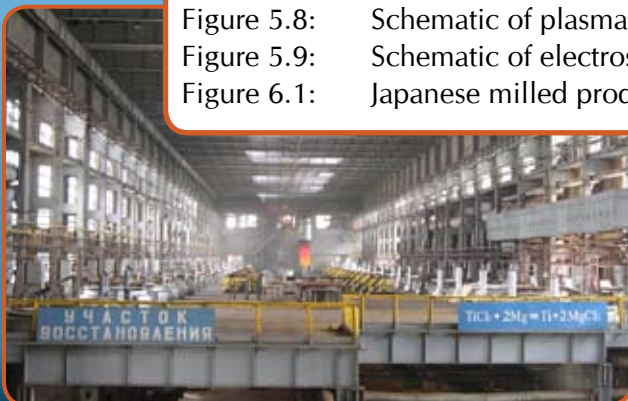
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### About EHK Technologies

EHK Technologies is a small consulting firm based in Vancouver, Washington, US, which assists corporations and government to establish successful strategies for advanced materials ventures, including titanium. Services include market research and analysis, economic and risk analysis, technology analysis and development assistance and strategic growth planning. Markets for these technologies include the automotive, industrial, aerospace, military and consumer industries. Dr. Edwin Kraft, the Principal, has an extensive industrial background, having served in technology, production and commercial positions in several major corporations. He has worked on titanium and other advanced materials for over 35 years and regularly provides articles and reports for the International Titanium Association and materials related publications. Dr. Kraft's international client base includes many Fortune 500 companies and branches of the US Government. For more information on the company, visit [www.ehktechnologies.com](http://www.ehktechnologies.com).



### About TZMI

TZ MINERALS INTERNATIONAL (TZMI) is an independent consulting and publishing company, established in 1994, with offices in Australia, Europe, South Africa and China. TZMI's principals and consulting personnel have several decades of cumulative experience from their involvement in the global mineral sands and TiO<sub>2</sub> pigment industries.

TZMI uses its experienced consultants to provide specialised consulting services, often confidentially, for the titanium minerals, zircon, titanium sponge and TiO<sub>2</sub> pigment industries as well as publishing specialised market studies and reports based on its comprehensive database of production and market data. The company employs research analysts who collect and analyse data, which includes up-to-date supply/demand models, technical data and operating cost data for all major titanium feedstock and pigment producers. Many and varied consulting assignments also enable TZMI to maintain an active dialogue with existing and potential participants in the industry and to keep fully aware of new developments.

TZMI's subsidiaries include TZ Pigments International (TZPI) and Allied Mineral Laboratories (AML). TZPI was established in 2006 to manage the growth of the company's technical consulting activities in the global titanium dioxide pigment industry. The company operates offices in China and South Africa. AML is a testing facility located in Western Australia that specialises in product assessment and flowsheet development for mineral sands, iron ore and other heavy mineral deposits. The company was established in June 2007.

TZMI's Publications and Data Services support its consulting activities, providing clients with a range of authoritative data and informed commentary on all aspects of the titanium minerals, zircon, titanium sponge and TiO<sub>2</sub> pigment industries.

From a free weekly news service to sector-specific periodicals and data matrices, multi-client studies and the flagship monthly industry-wide Mineral Sands Report TZMI offers a comprehensive suite of products and subscription options suitable for all industry participants.

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