

EFTA workshop 11.06.2008
Certification and Marking for Europe

What is the response of the certification industry
to European needs in a global perspective?
How can branch offices in China contribute?

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Dynamics in the Global Economy

- Manufacturing moves to China
- Testing services follow
- Inspection services needs
- Global market access requirements
- Service growth and systems innovation in developed economies

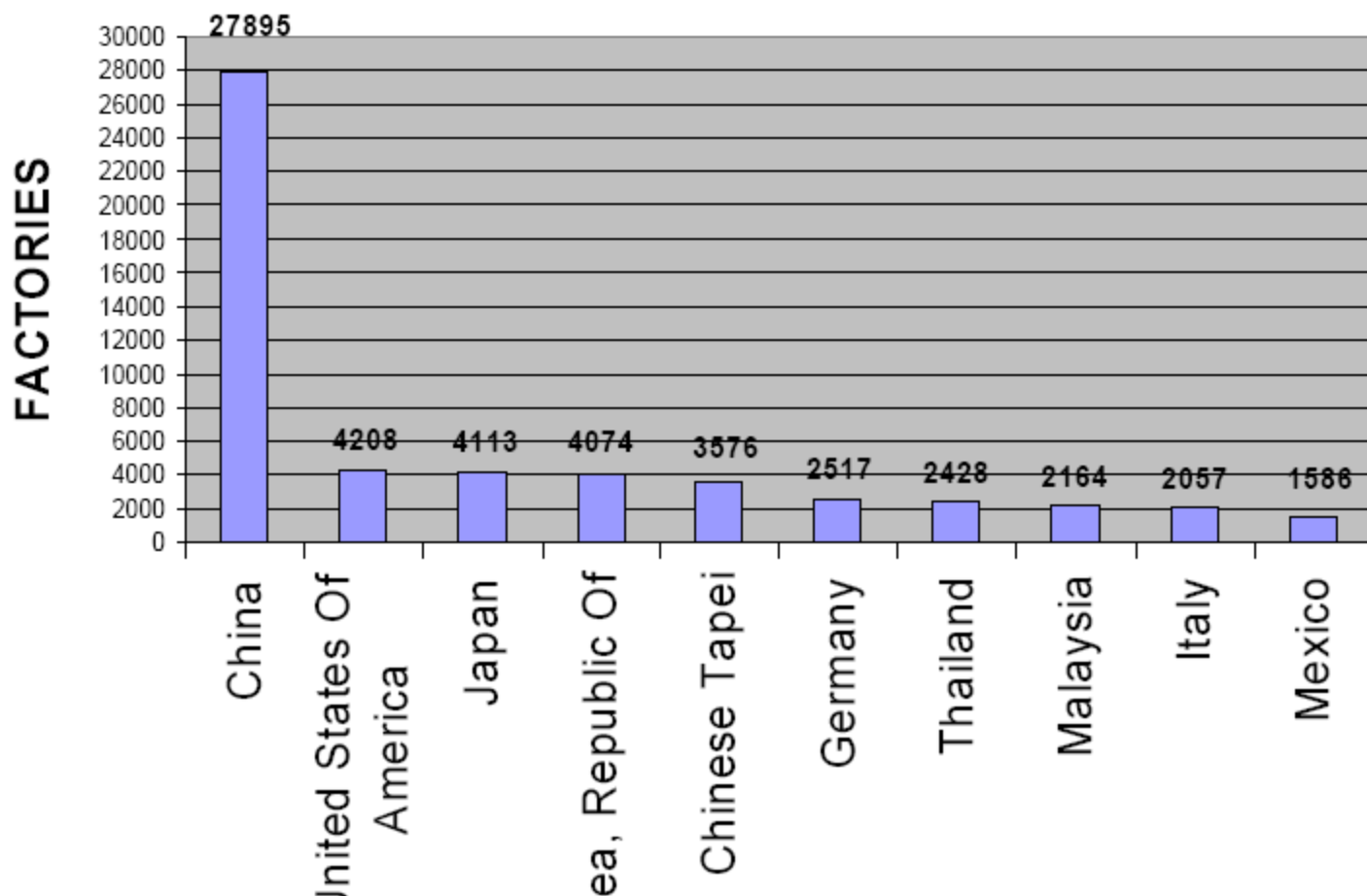
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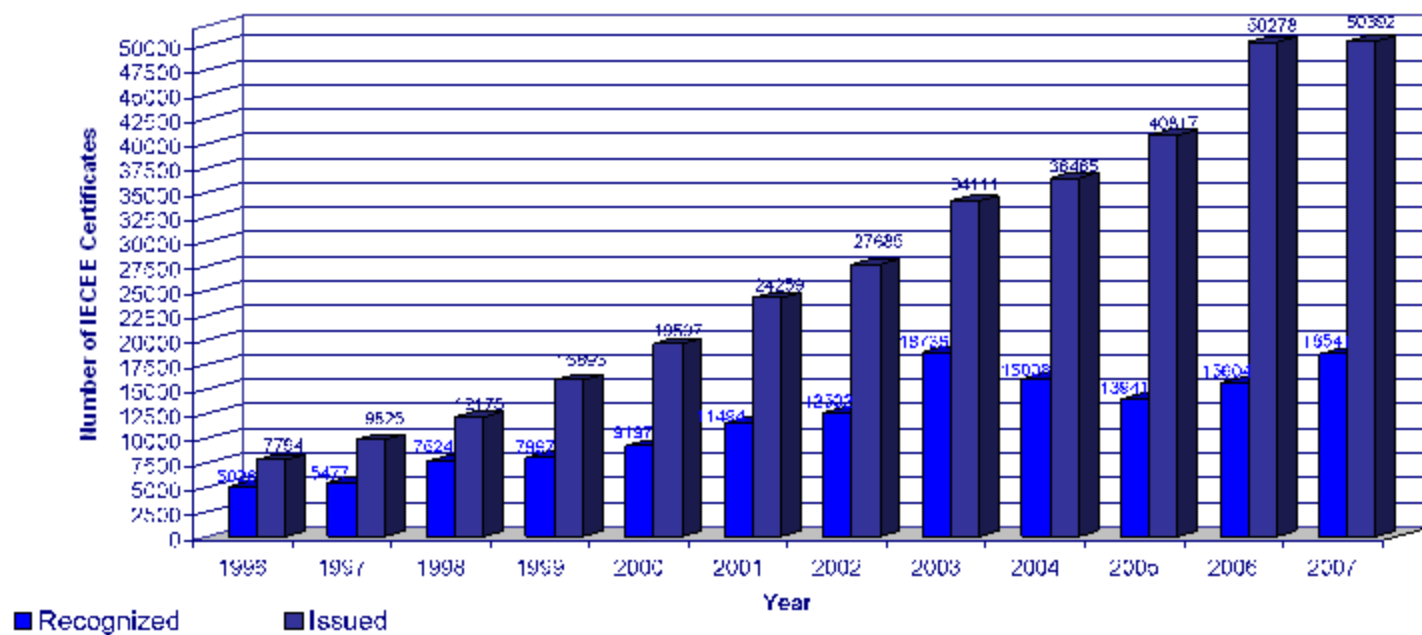
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TOP 10 FACTORY LOCATIONS IN 2007



Number of IECEE Certificates Issued and Recognized from 1996 to 2007



Retailers Move to Direct Import

- Competition fosters efficient supply chains
- Compliance competence required
- Qualification of manufacturers
- Need for local production surveillance
- Certification of batch shipments

Trends in Certification Needs

- Fast global market access on-line
- Pre-compliance support
- Commercial and technical requirements
- Recycling electric and electronic products
- Hazard Based Safety Engineering

Certification Requirements

	Safety	EMC	EMF	R&TTE	Noise	Energy	WEEE	RoHS	Hygienic / Food Contact
CE EU	X	X	X						
GS Germany	X	X	X	X	X	X	X	X	X
CB World-wide	X	(X)							
ENEC EU	X								
N-Mark Norway	X	X	X						



Response to European Needs

- Offer competent testing, inspection and certification services in China
- Global market access services online
- International standardization work
- Share knowledge and information
- Offer market surveillance

