

Global Scenario and Medical Device Industry in Malaysia

by

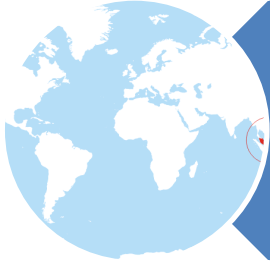
Mr. Hitendra Joshi

Chairman

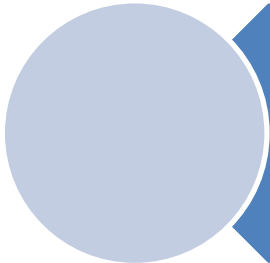
Association of Malaysian Medical Industries (AMMI)

31 October 2013

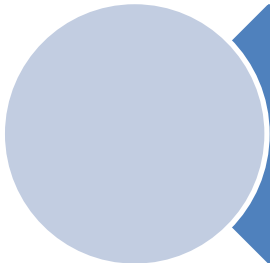
Agenda



Global Scenario

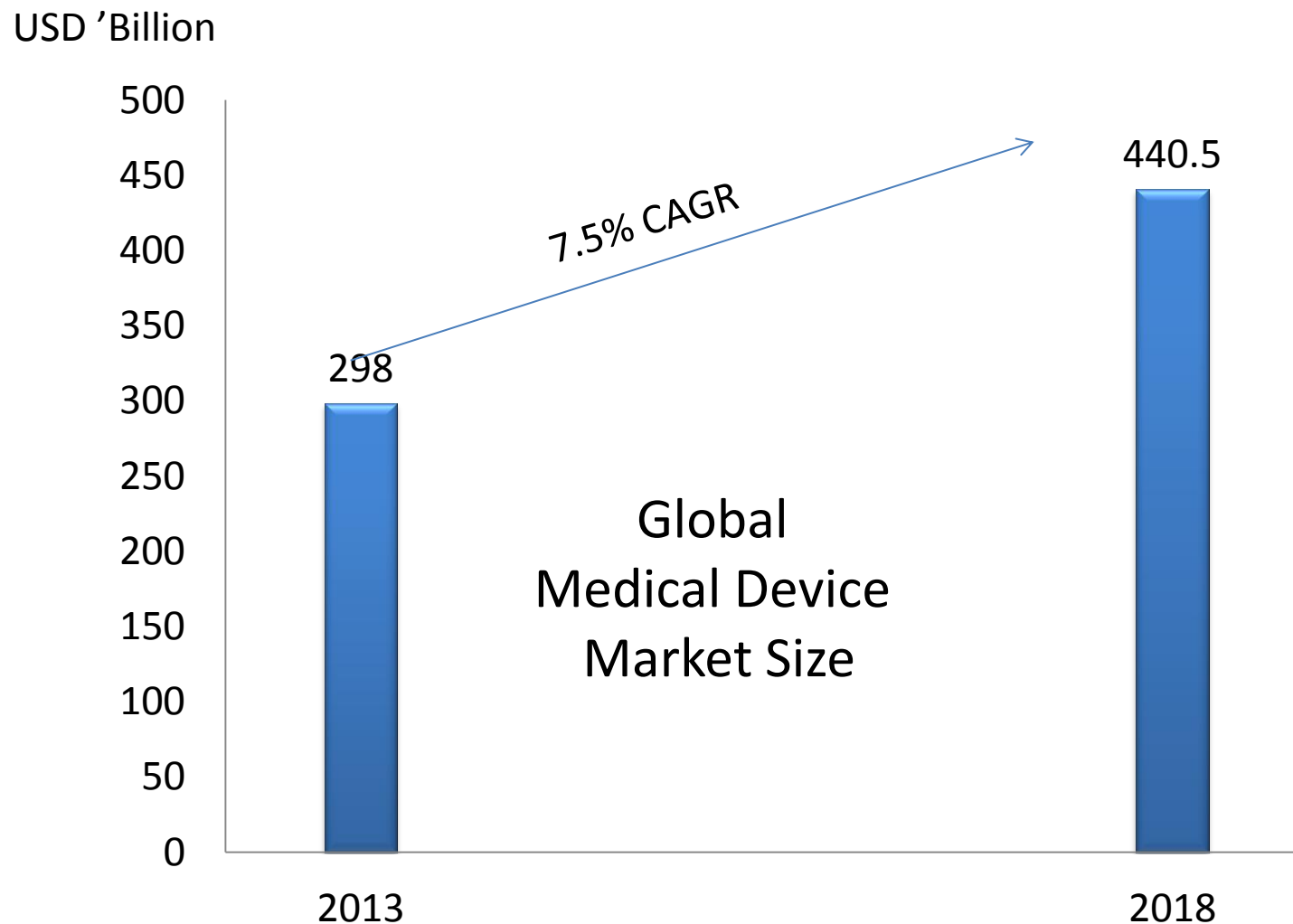


Medical Device Industry in
Malaysia

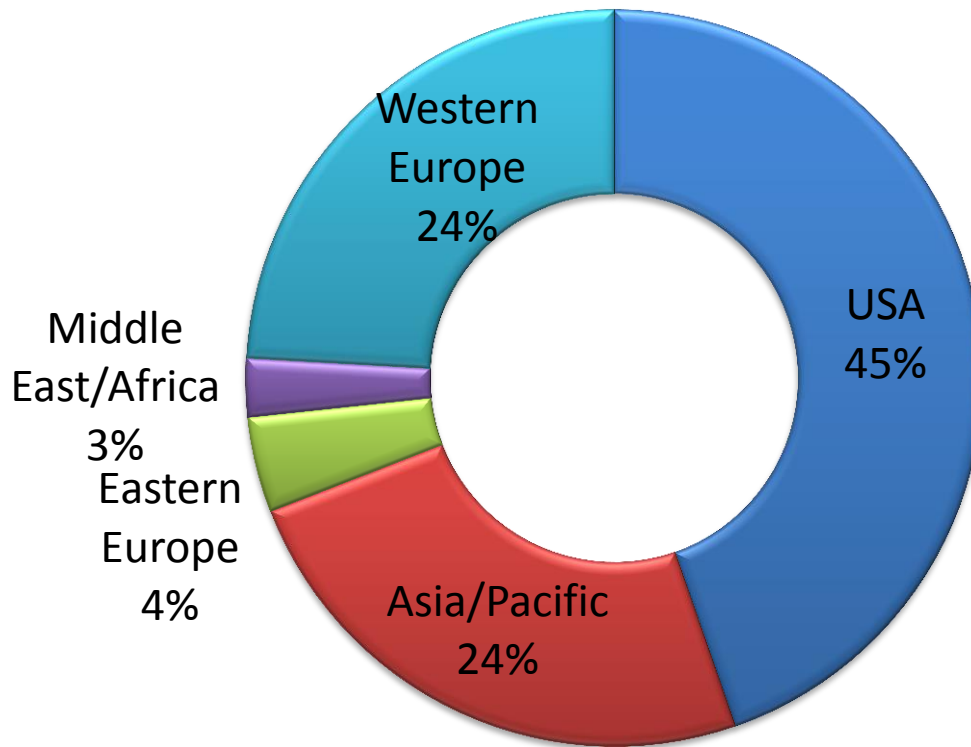


About AMMI

Global Scenario



Medical Device Market – By Region

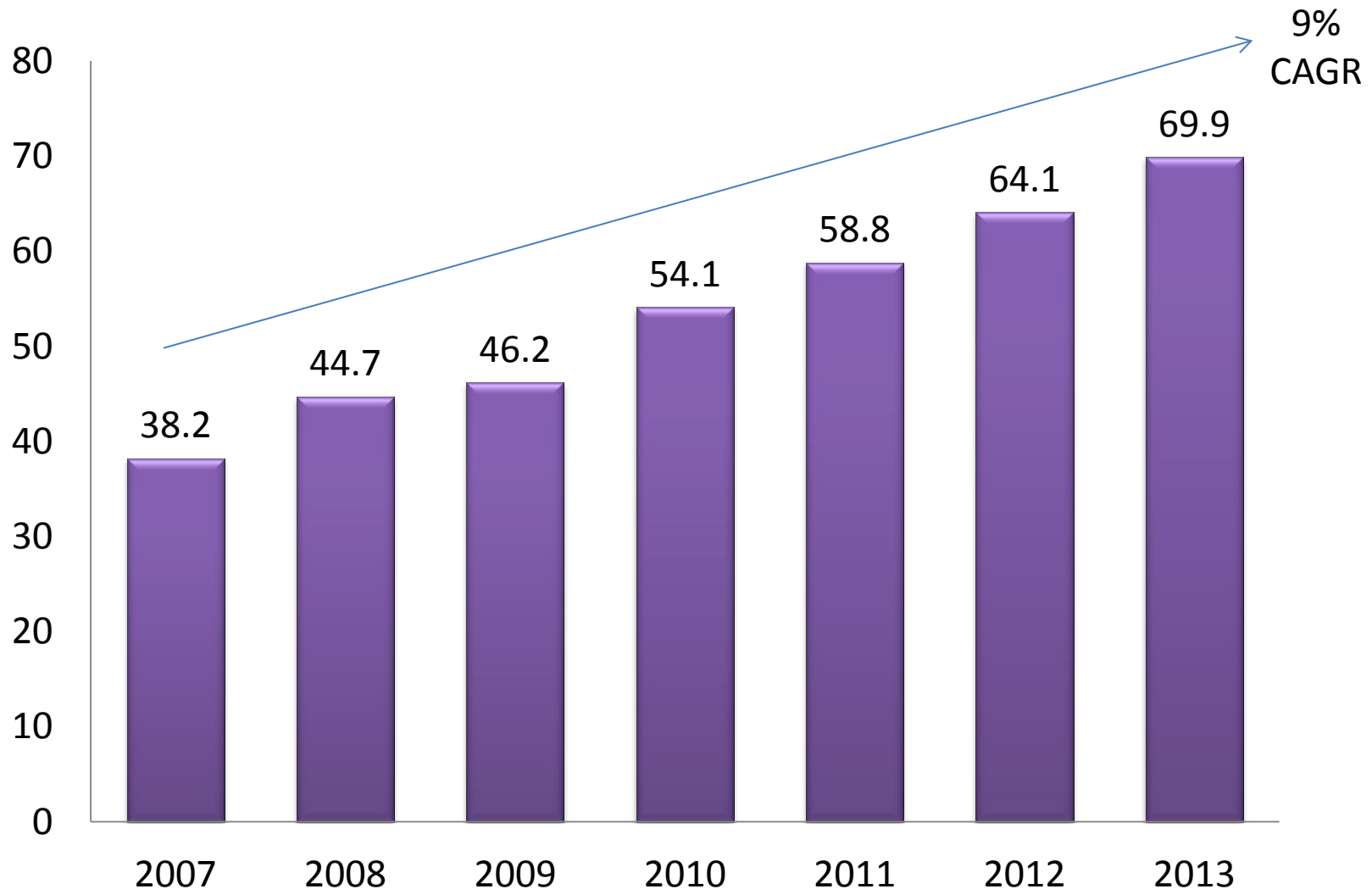


Malaysian Market:
USD1.2 Billion

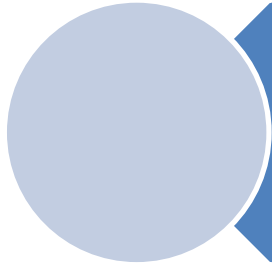


USA Market:
USD127 Billion

Asia Pacific Medical Device Market



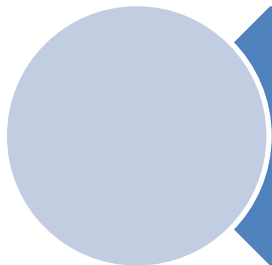
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Global Scenario

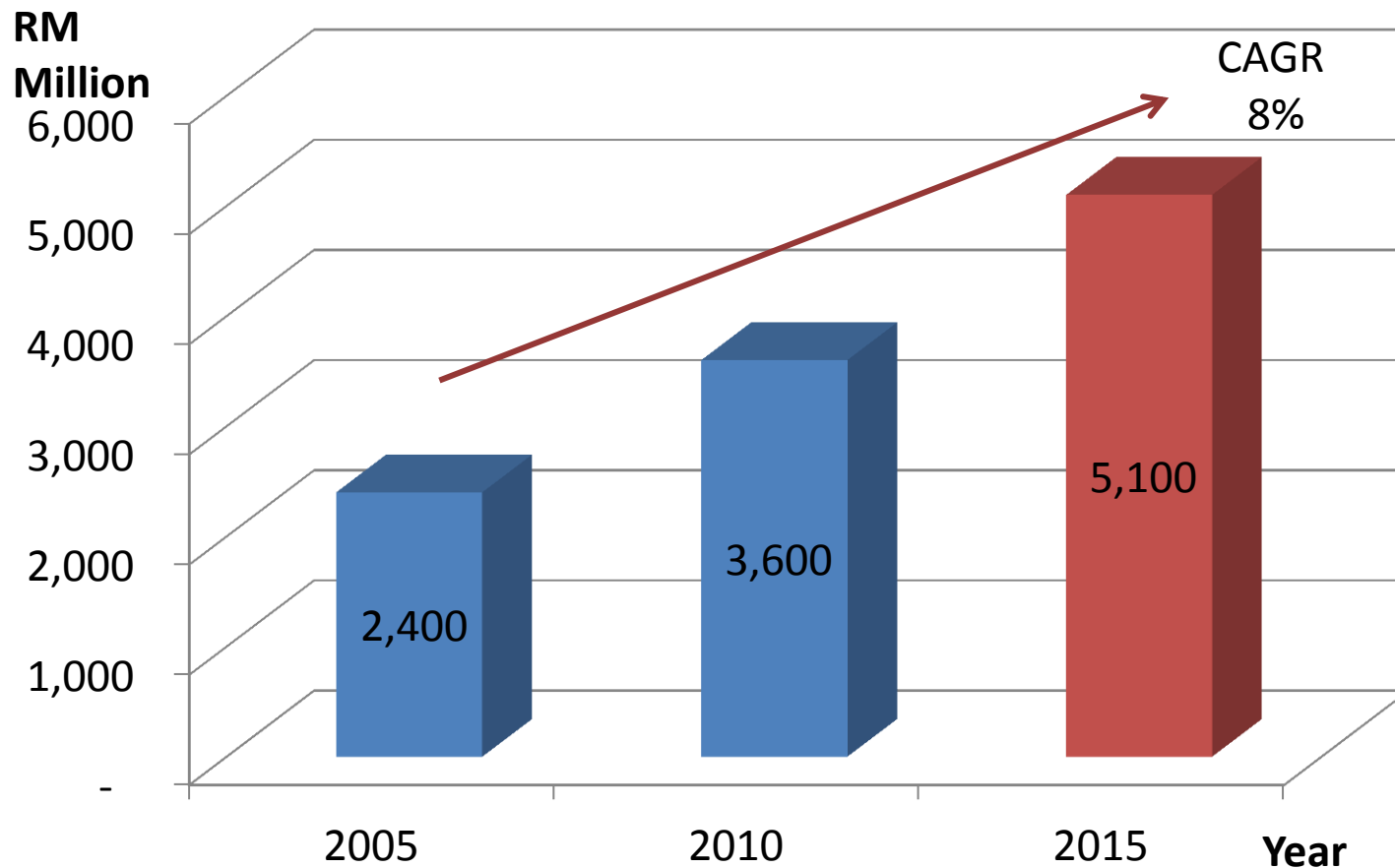


Medical Device Industry in
Malaysia



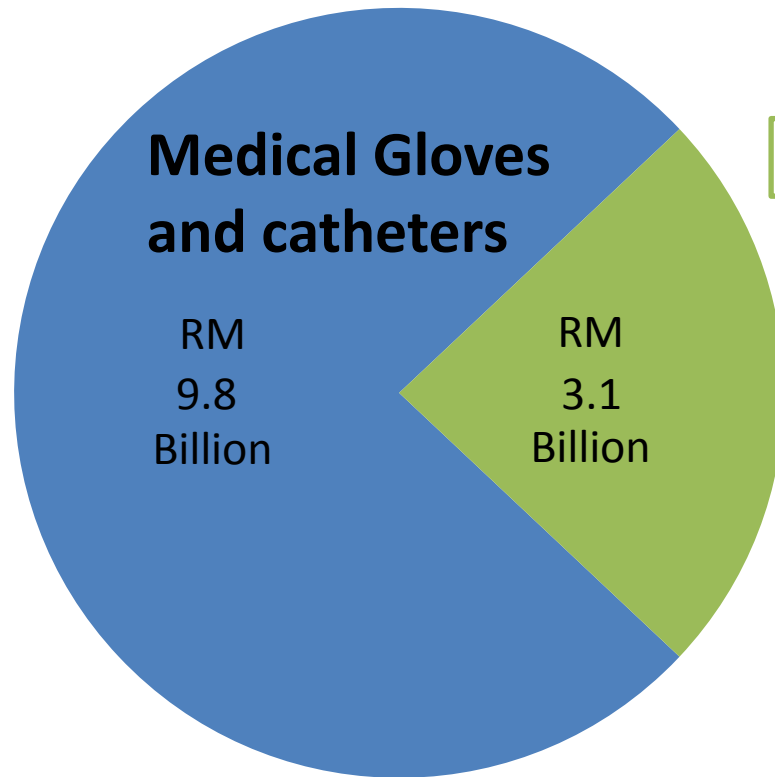
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Medical Device Market in Malaysia



Malaysia

Exports of Medical Devices



Instruments for medical, surgical and dental

Electro mechanical devices

Contraceptives

Ophthalmic lenses

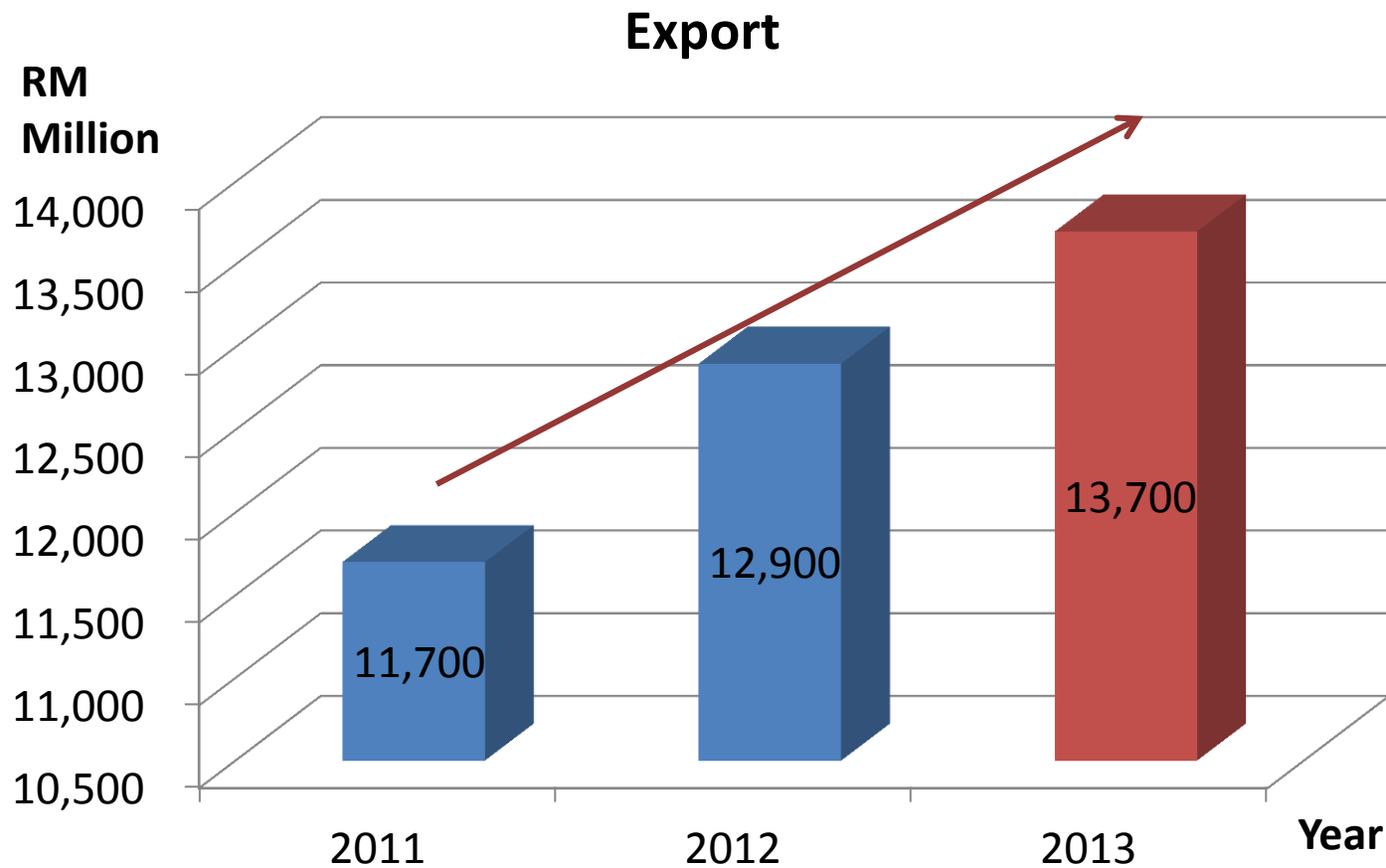
Radiation devices

Orthopedic implants

Total Exports in 2012: RM12.9 Billion



Export Outlook of Medical Devices from Malaysia



Medical Devices Manufactured in Malaysia



Medical Devices Manufactured in Malaysia



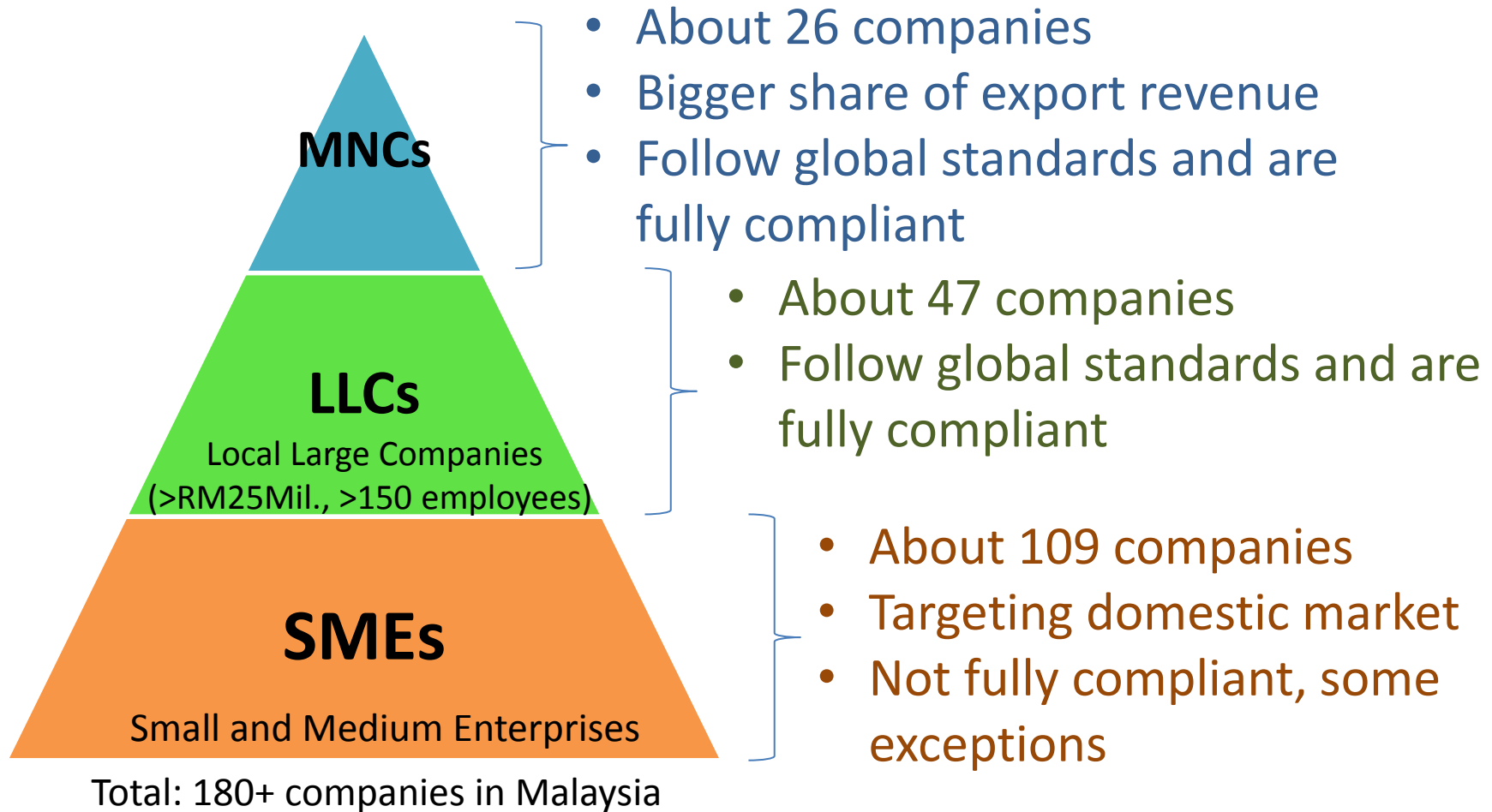
Medical Devices Manufactured in Malaysia



Easy-Flo
Single Flow Precision Flow Controller

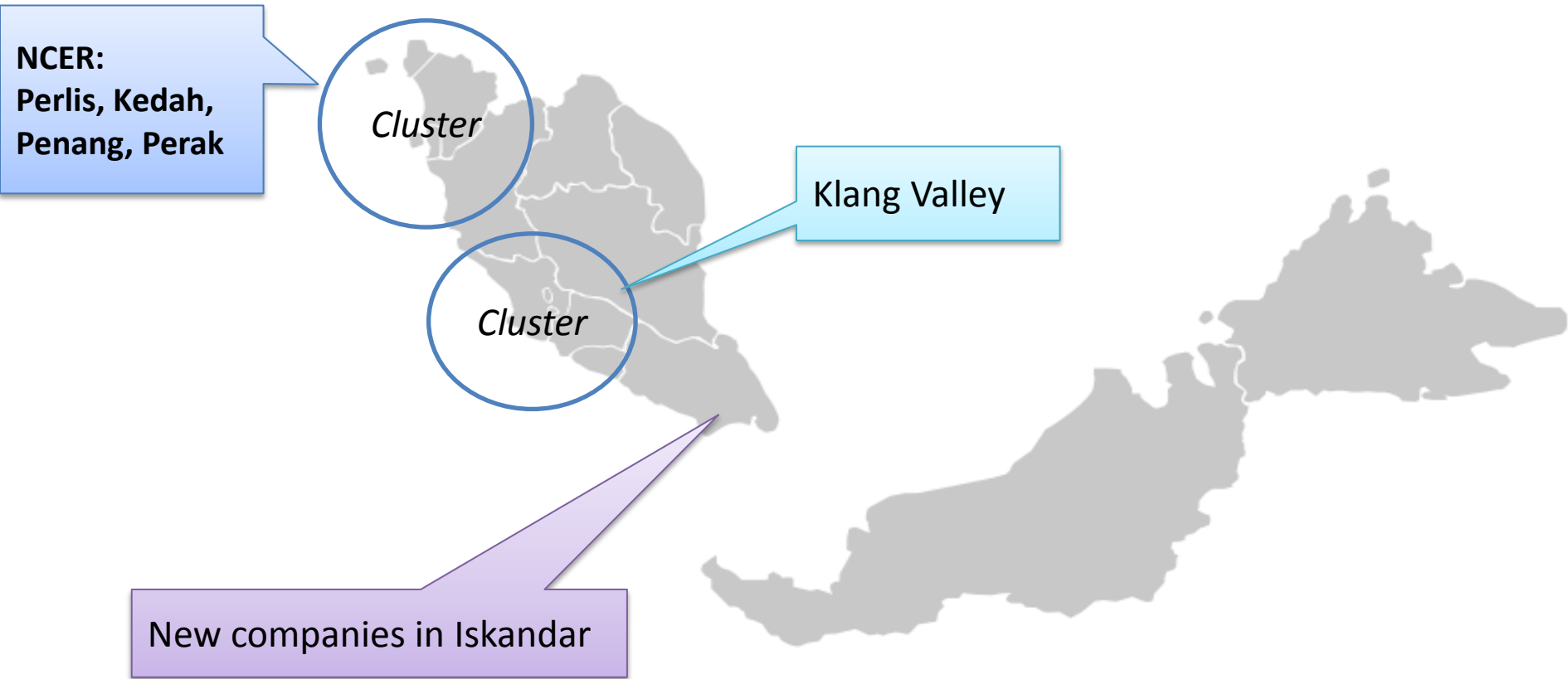


Structure of the Industry in Malaysia



Medical Device Industry in Malaysia

- Regional Clusters



Medical Device Cluster in Koridor Utara



COVIDIEN



PERLIS



KEDAH



PULAU PINANG

PERAK



Medical Device Industry Ecosystem in Malaysia

Materials: Rubber, Plastics, Steel, Electronics, etc.

Consumables

Surgical Instruments,
Implants & Clinical Devices

Healthcare
Equipment

Technology

Latex
Plastic

Metal

Machining

Electronics

Furniture

Products

Glove, Contraceptives,
Catheters, Woundcare,
Orthalmology, IVD, SUD

Pacemaker, Orthopedics,
Surgical Instrument

Radiation Equipment,
Life Science Instrument,
Electrodes, Hospital Beds

Companies



Supporting Infrastructure

Sterilization

Packaging

Certification

Biocompatibility
and Clinical Trial

Industry
Groups

Education
Training

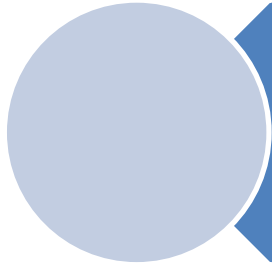
Regulatory



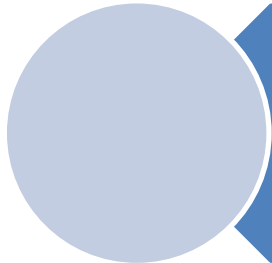
UM, USM, UKM,
UniMap, PSDC,
Medsociate,
Neville Clarke



Agenda



Global Scenario



Medical Device Industry in
Malaysia



About AMMI

About AMMI



Total Workforce

25,606



ASSOCIATION OF MALAYSIAN MEDICAL INDUSTRIES
PERSATUAN INDUSTRI PERUBATAN MALAYSIA

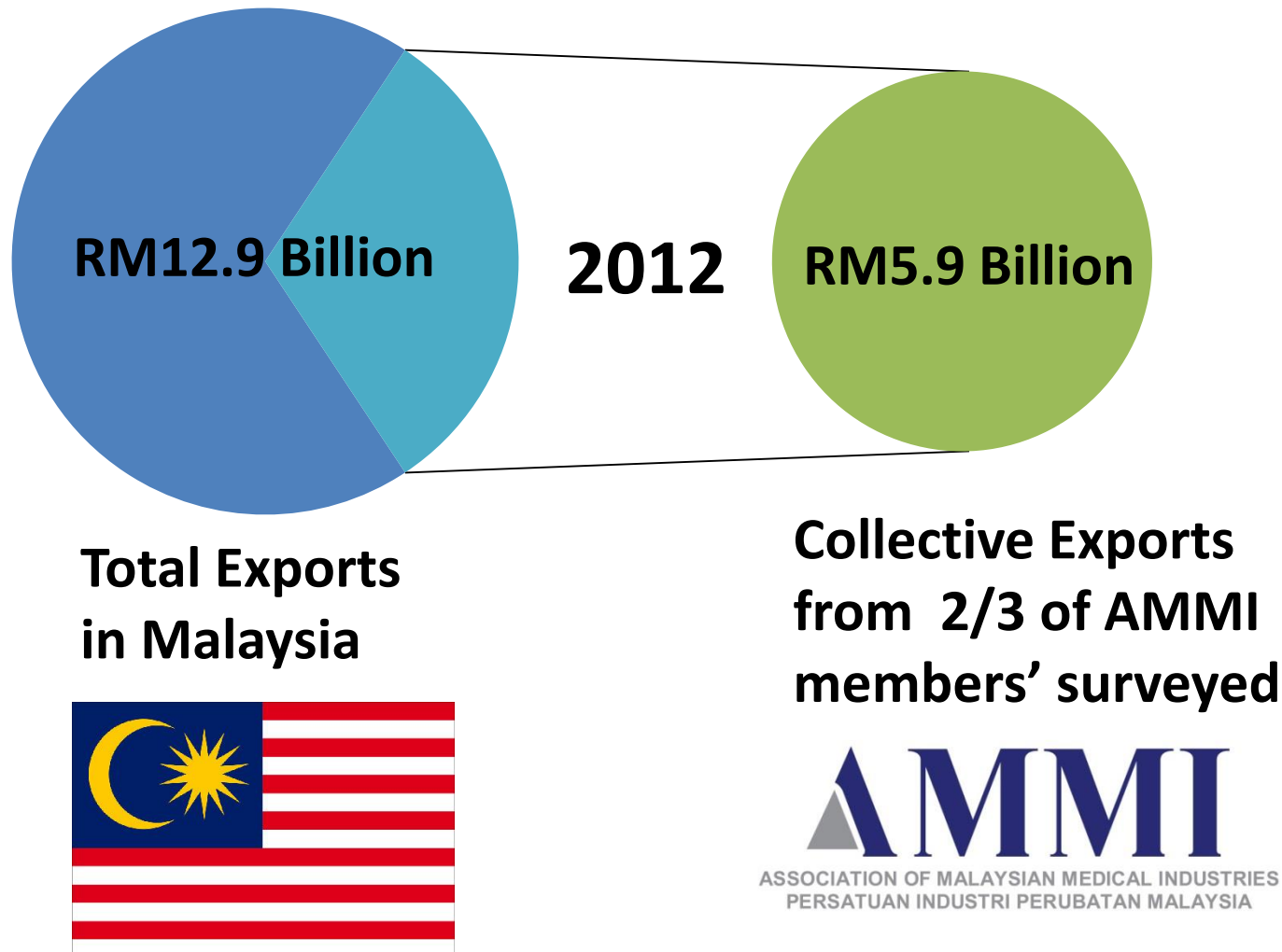


RM5.9 Billion

Exports Reported
Collectively



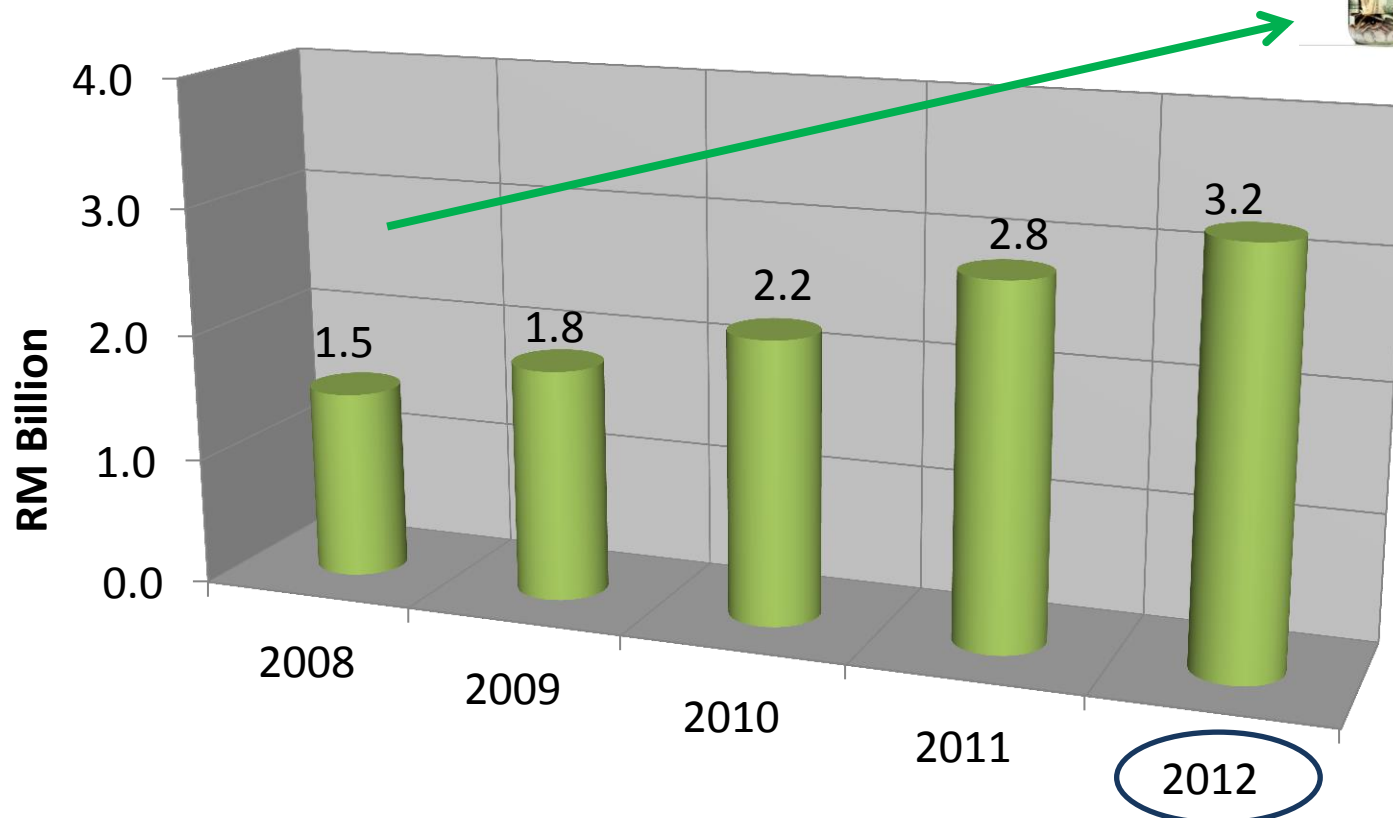
Export of Medical Devices



Cumulative Investments

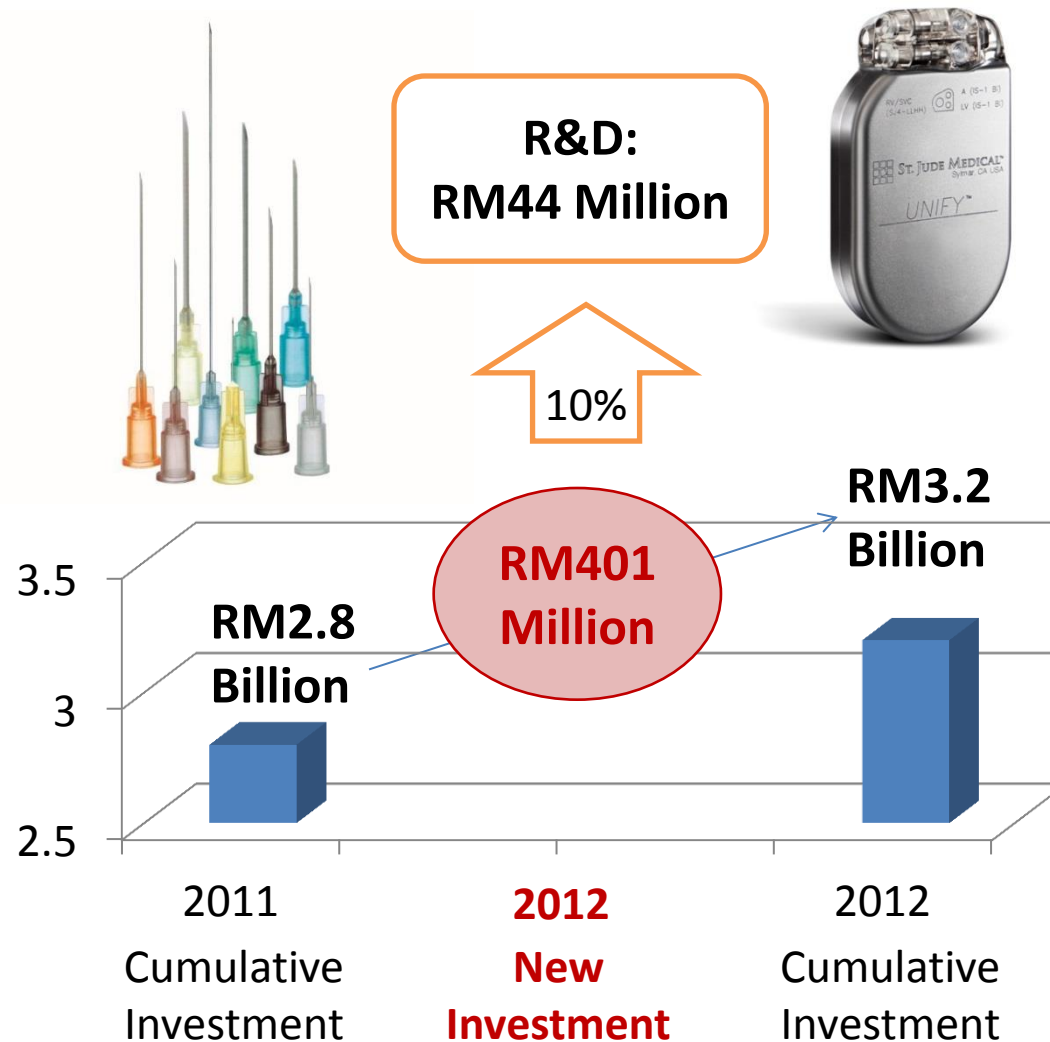


Cumulative Investments

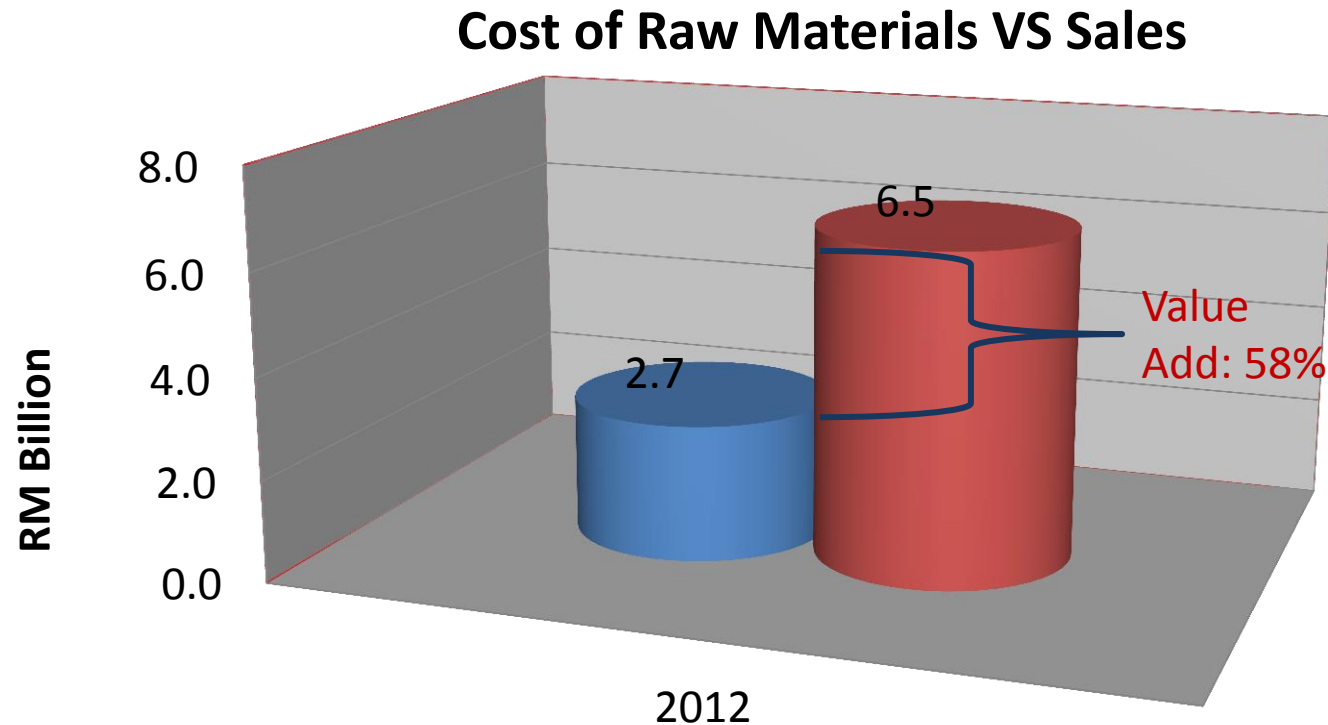


	2008	2009	2010	2011	2012
■ Investments (RM'000)	1,483,738	1,829,729	2,226,958	2,813,272	3,214,532

Investment in R&D



Significance Value Add



	2012
Raw Materials (RM'000)	2,707,684
Sales (RM'000)	6,496,170

Government - AMMI Partnership



MALAYSIAN
INVESTMENT
DEVELOPMENT
AUTHORITY



PEMANDU
UNIT PENGURUSAN PRESTASI DAN PELAKSANAAN



KHAZANAH
NASIONAL



STANDARDS
MALAYSIA



MALAYSIAN RUBBER EXPORT PROMOTION COUNCIL



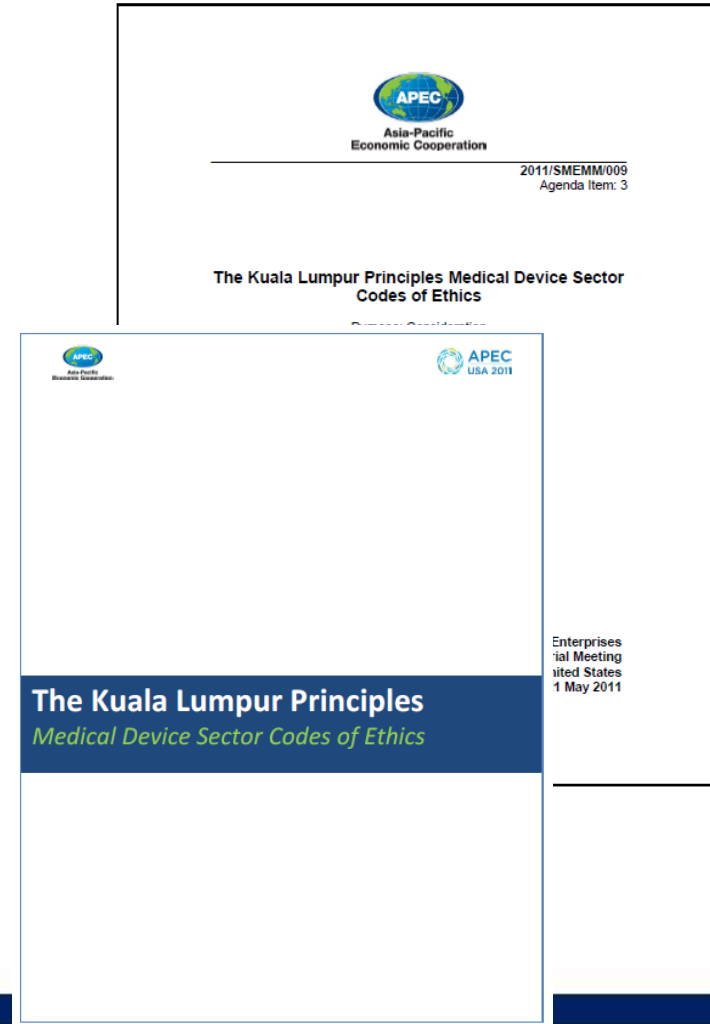
KORIDOR
UTARA
MALAYSIA

Regional Cooperation

South East Asia



APEC



Training & Development



iWORKFORCE
TRANSFORMATION

Competency Development
Program in Medical Technology



**MedTech Graduate
Training Program**



Regulatory & Technical

AMMI



STANDARDS
MALAYSIA



LAWS OF MALAYSIA

Act 737

MEDICAL DEVICE ACT 2012



31 Disember 2012
31 December 2012
P.U. (A) 500

WARTA KERAJAAN PERSEKUTUAN

**FEDERAL GOVERNMENT
GAZETTE**

PERATURAN-PERATURAN PERANTI PERUBATAN 2012

MEDICAL DEVICE REGULATIONS 2012

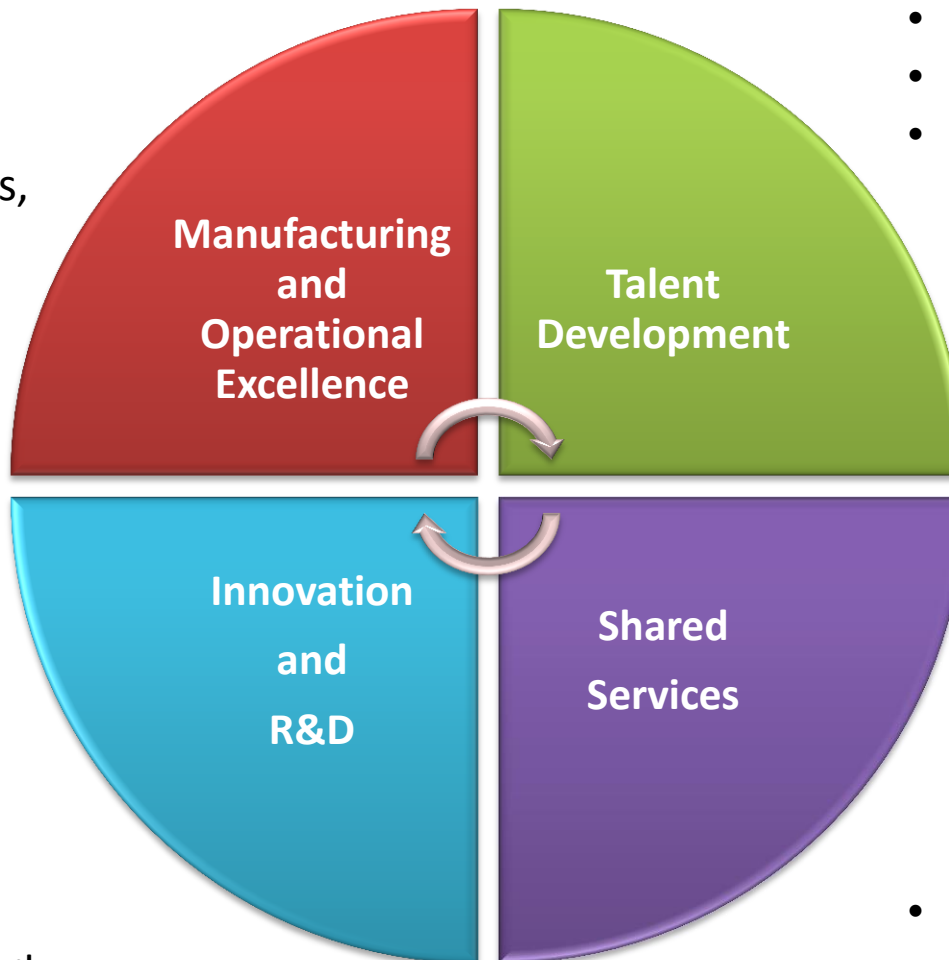


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ATTORNEY GENERAL'S CHAMBERS

Moving Forward: AMMI Strategy 2015



- Best in class manufacturing
- Appropriate processes, structures, policies



- Skilled workforce
- Graduates
- Sharing of knowledge

- Market driven innovation and R&D
- Synergies between industry, academia and clinicians
- Align industry support

- Identify potential shared services

Thank you

Association of Malaysian Medical Industries (AMMI)

C/O Medsociate Sdn Bhd

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