

Types of Grants



MTDC has been entrusted by the Government to manage two types of grants since 1997 (7th Malaysia Plan):-

- **The Commercialisation of R&D Fund (CRDF); and**
- **The Technology Acquisition Fund (TAF)**

CRDF



- **CRDF provides financial assistance to universities/research institutions/eligible Malaysian companies to undertake full commercialisation activities of completed R&D.**
- **The R&D/technologies can be those developed by the public sector or they can also be the output of in-house research and development (R&D) activities by the companies.**
- **Under CRDF, commercialisation refers to a process by which the results of research projects are converted to marketable products and are commercially produced.**



OBJECTIVES OF CRDF

- **To leverage on Science, Technology and Innovation (STI) for national development;**
- **To increase the commercialisation of STI products & processes developed by local U/RI/companies;**
- **To increase wealth creation & technology content of SMEs/large corporations via commercialisation of R&D done by local U/RI/companies; and**
- **To foster greater collaboration between U/RI & the industry.**

CATEGORIES OF CRDF



CATEGORIES OF CRDF	FOCUS GROUP
CRDF 1	For the commercialisation of R&D output from public and private University (PPU) / Government Research Institute (GRI) by a Spin-off company (STU).
CRDF 2	For the commercialisation of R&D output from Public and Private University (PPU) / Government Research Institute (GRI) by a Start-up company
CRDF 3 (a)	For the commercialisation of any local R&D by SME
CRDF 3 (b)	For the commercialisation of public sector R&D by a non-SME.

TAF



- TAF provides financial assistance to eligible Malaysian companies in the acquisition of foreign technologies for immediate incorporation into the company's manufacturing activity.
- TAF's partial grant enables companies to avoid expensive and often risky technology development stages.
- The acquisition of technology could be in the form of acquiring know-how / IP exploitation / rights / blueprints via one of the following methods:
 - Licensing of technology; and
 - Outright purchase of technology



OBJECTIVES OF TAF

- **To promote technology upgrading through the introduction & utilisation of technologies in the manufacturing & physical development of existing & new products or processes;**
- **To enhance the competitiveness level of Malaysian companies to compete globally; and**
- **To increase wealth creation & technology content of Malaysian companies via acquisition of foreign technology.**

CATEGORY OF TAF UNDER THE 10th MP

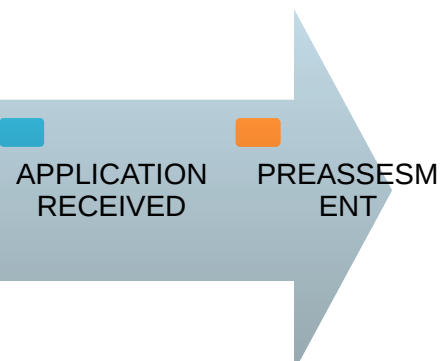


GRANT TYPE	FOCUS GROUP
TAF 1	For Malaysian SME and Large Corporation excluding GLCs, Public Listed Companies or their subsidiaries

Under the 10th MP, a total of RM30 million has been allocated for TAF.

Quantum of Funding is amounting to RM2,000,000 or 50% (which ever is lower) of eligible project costs.

CRDF/TAF PROCESSING FLOWCHART



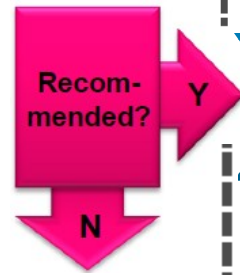
The application is assessed on eligibility of the company /project.

Application Returned



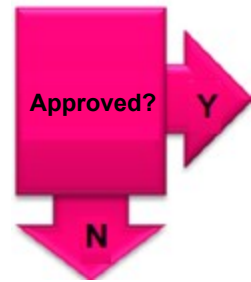
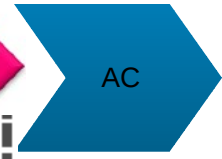
Technical Committee (TC) will evaluate the proposal & if deemed fit, will recommend the proposal to the Approval Committee for final approval.

Thorough evaluation to ensure that the proposed project's objectives and other requirements are in line with the Grant's objectives. This includes presentation, discussion on the proposal and visit by Evaluation Officer.



The application will be re-evaluated.

Final approval by Approval Committee (AC)



To issue Letter of Offer

Signing of Agreement

To issue Letter of Rejection

← Client Charter : 60 working days →

CRDF/TAF MONITORING FLOWCHART



The company is to submit a Quarterly progress report.

Review the report submitted and highlight the issue(s) to TC /AC if any

Progress Report Submission

Issue a reminder letter

Present the status/issue(s) of the project

Final Presentation for project Closure

TC

AC

Notification of AC's Decision to Company

Presentation of the project status

Company fails to attend 2 consecutive workshop

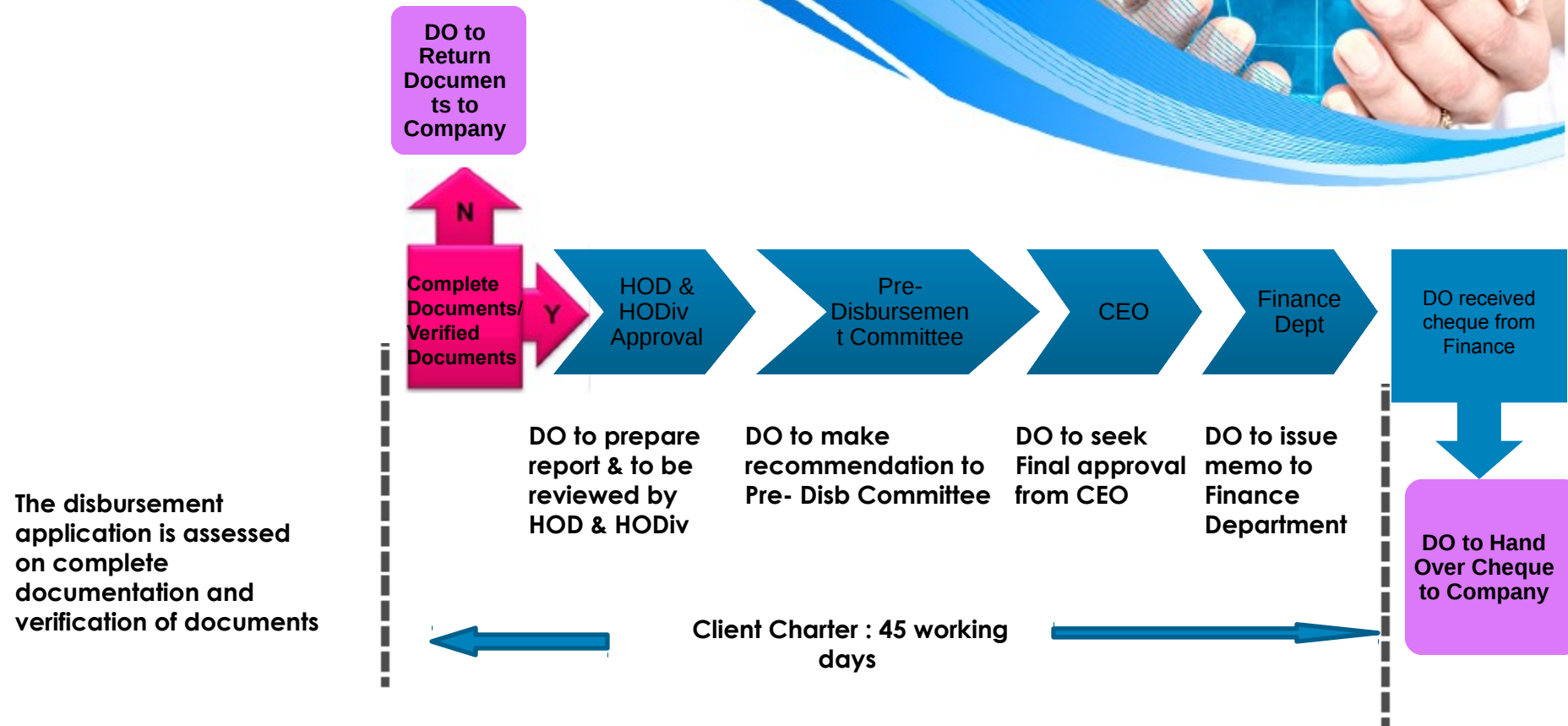
Issues Identified in project implementation

MO to present TC's recommendation to AC

The company is to present the progress of the project twice a year

NOTE: The project duration for TAF and CRDF approval is for 2 years.

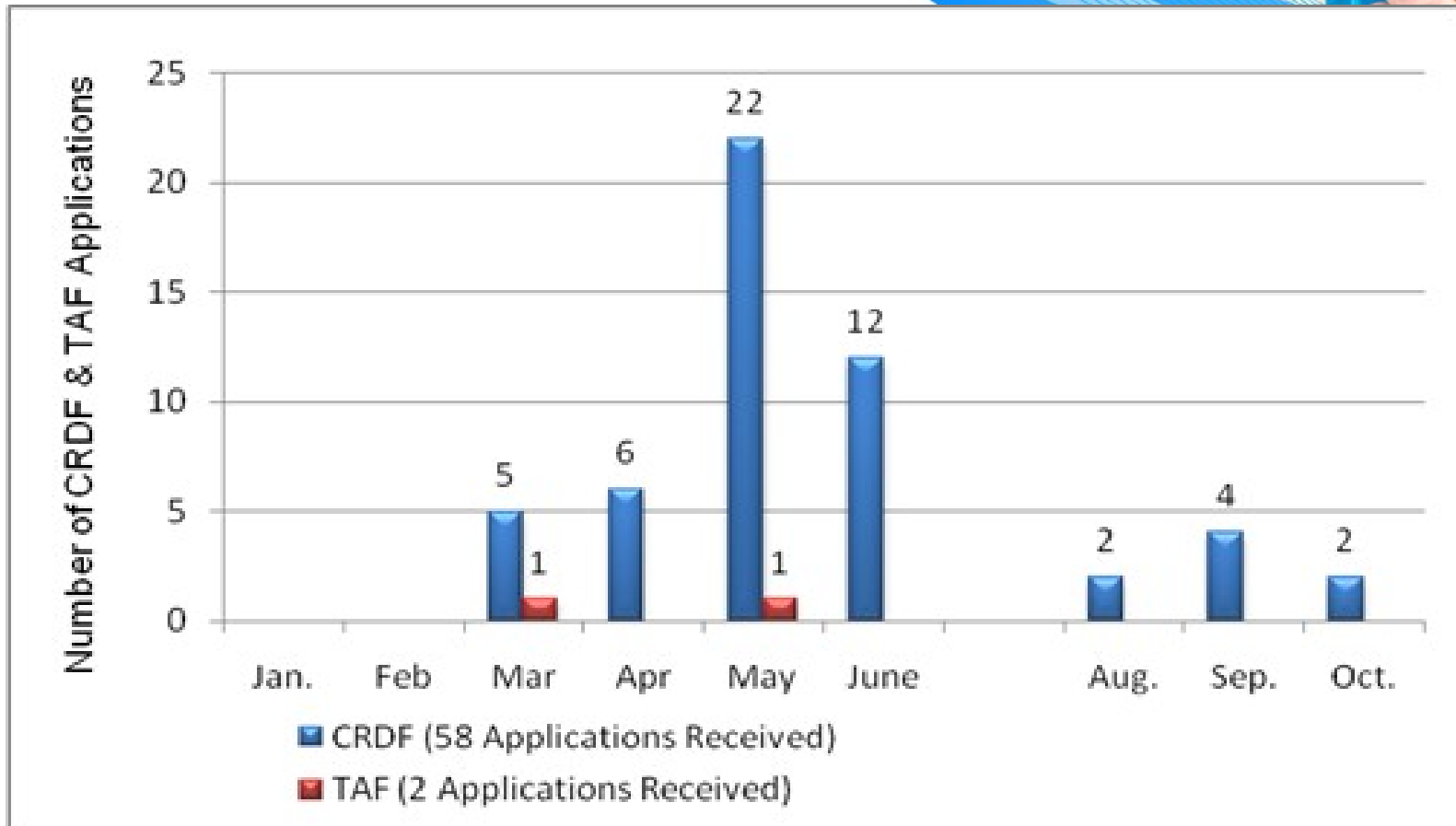
CRDF/TAF DISBURSEMENT FLOWCHART



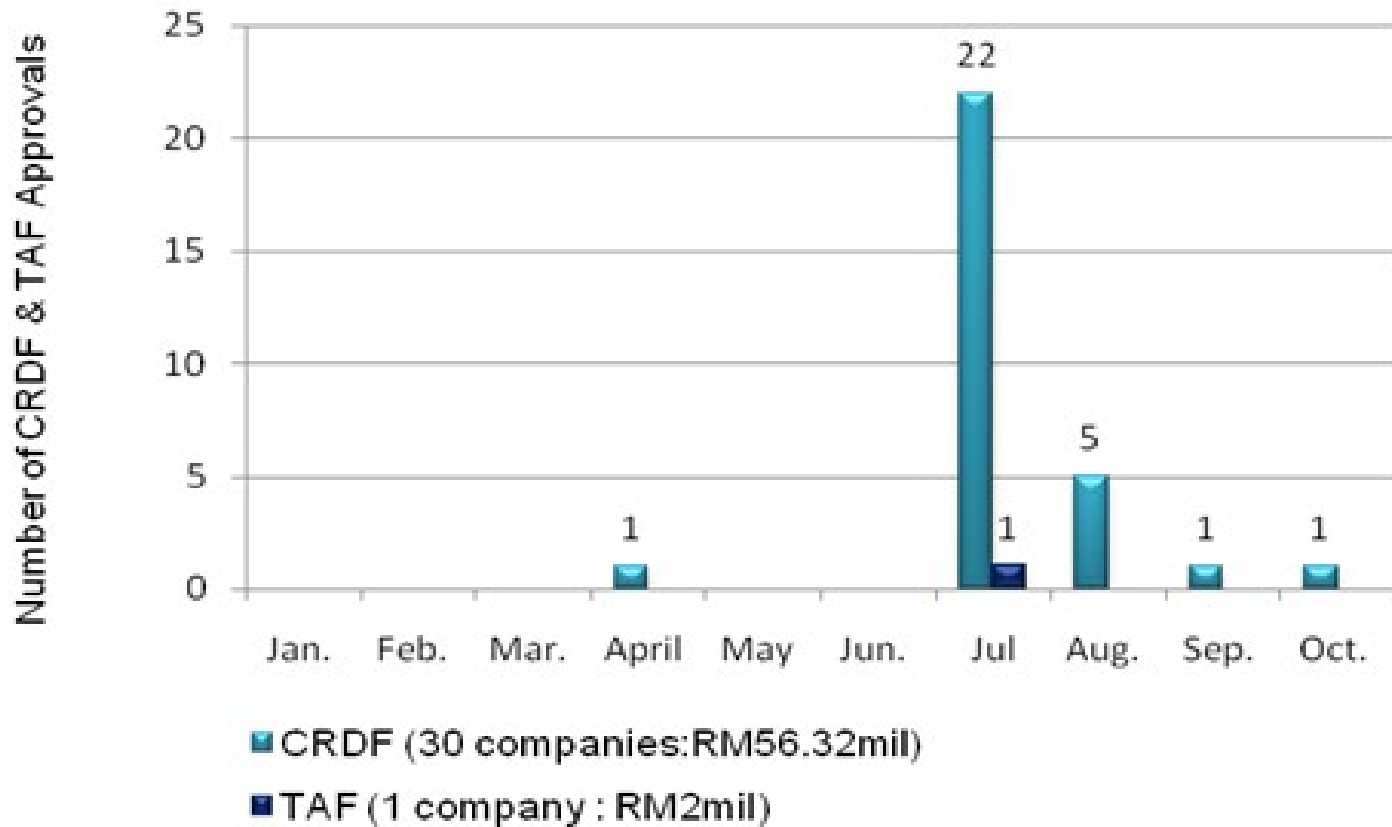


STATUS OF CRDF & TAF UNDER 10th MP

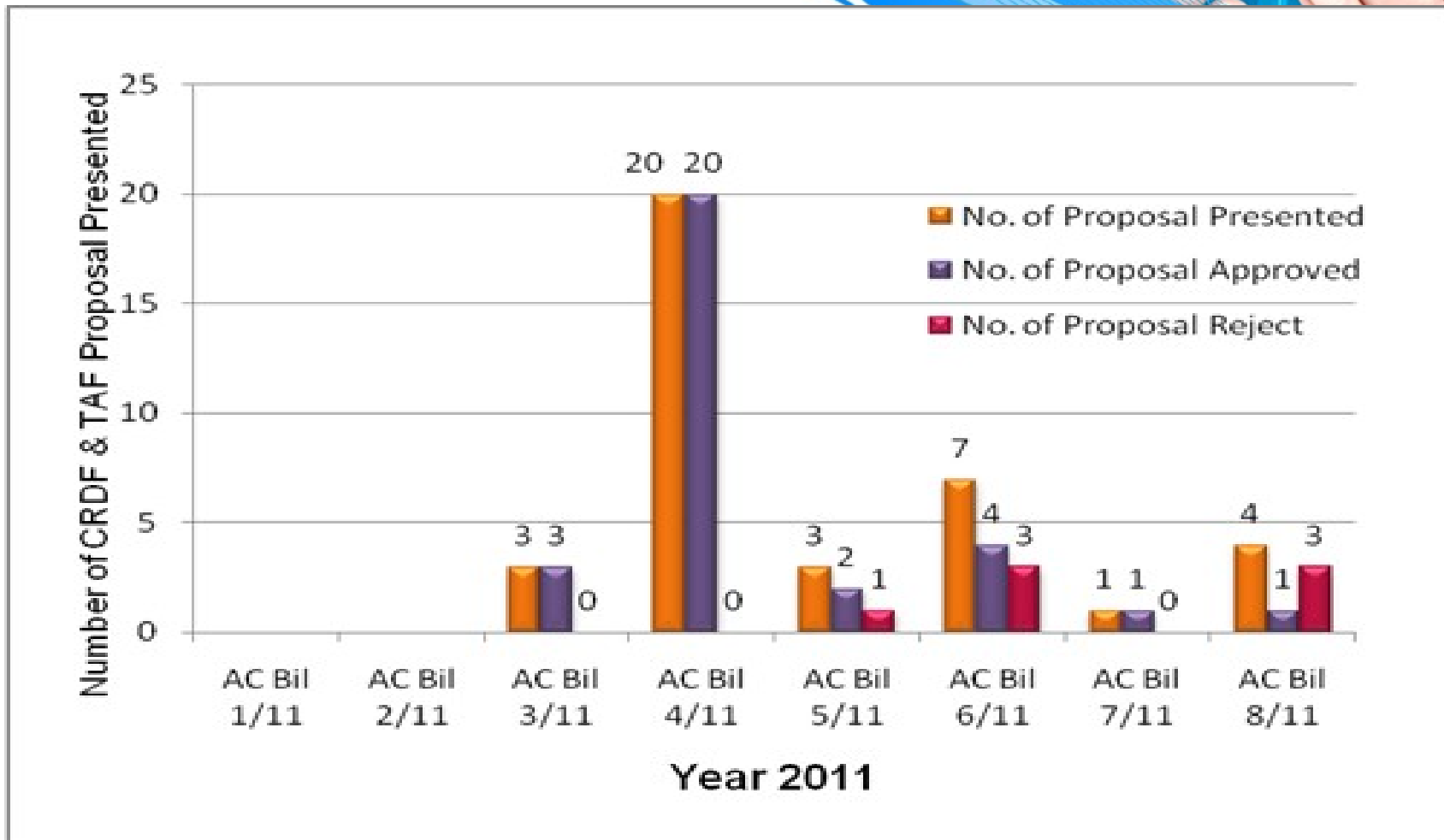
TREND OF APPLICATIONS RECEIVED IN 2011



TREND OF FUNDS APPROVAL IN 2011 (As at 31 October 2011)



TREND OF FUNDS APPROVAL IN 2011 (As at 31 October 2011)

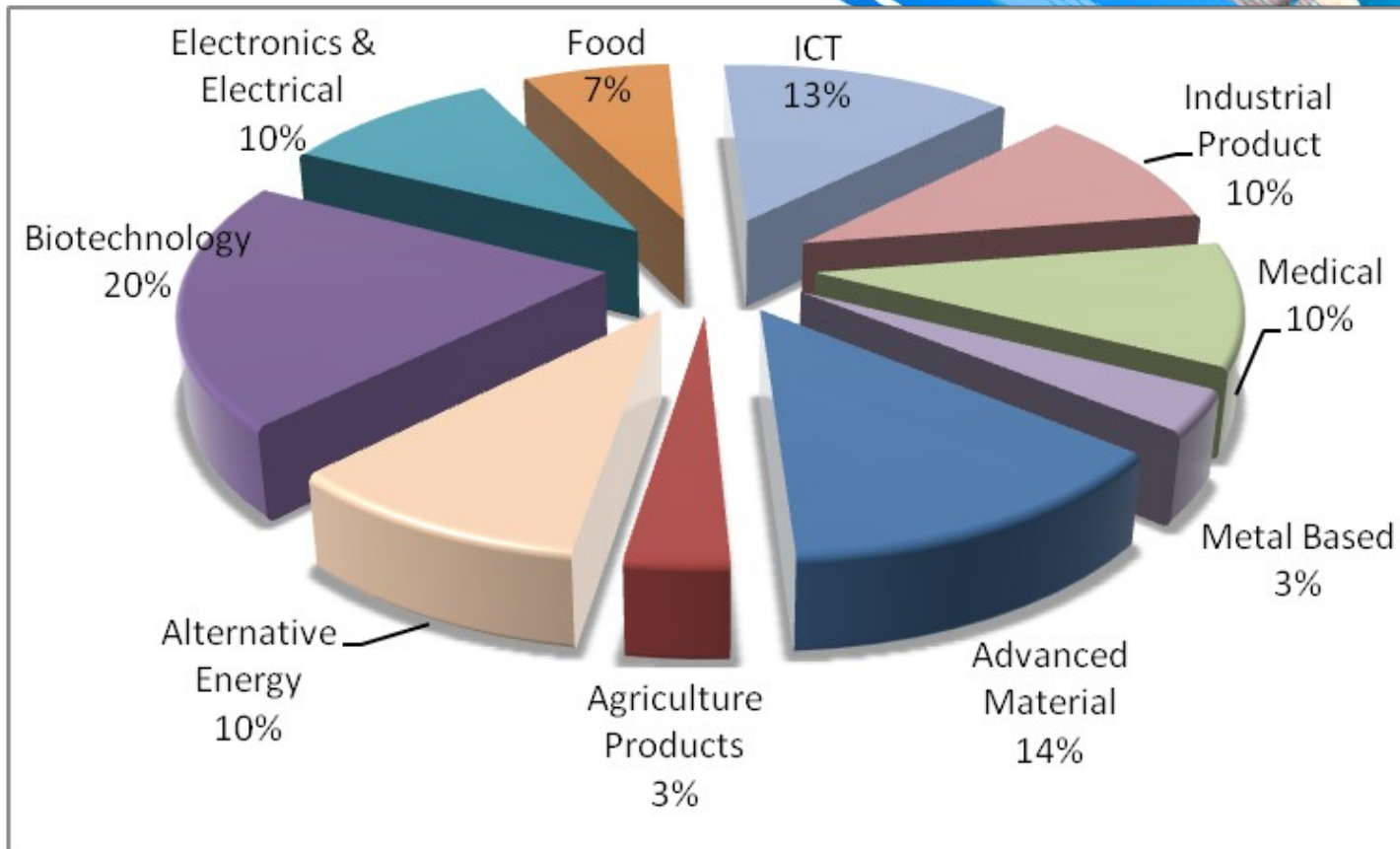


CRDF APPROVALS BY CATEGORY OF CRDF

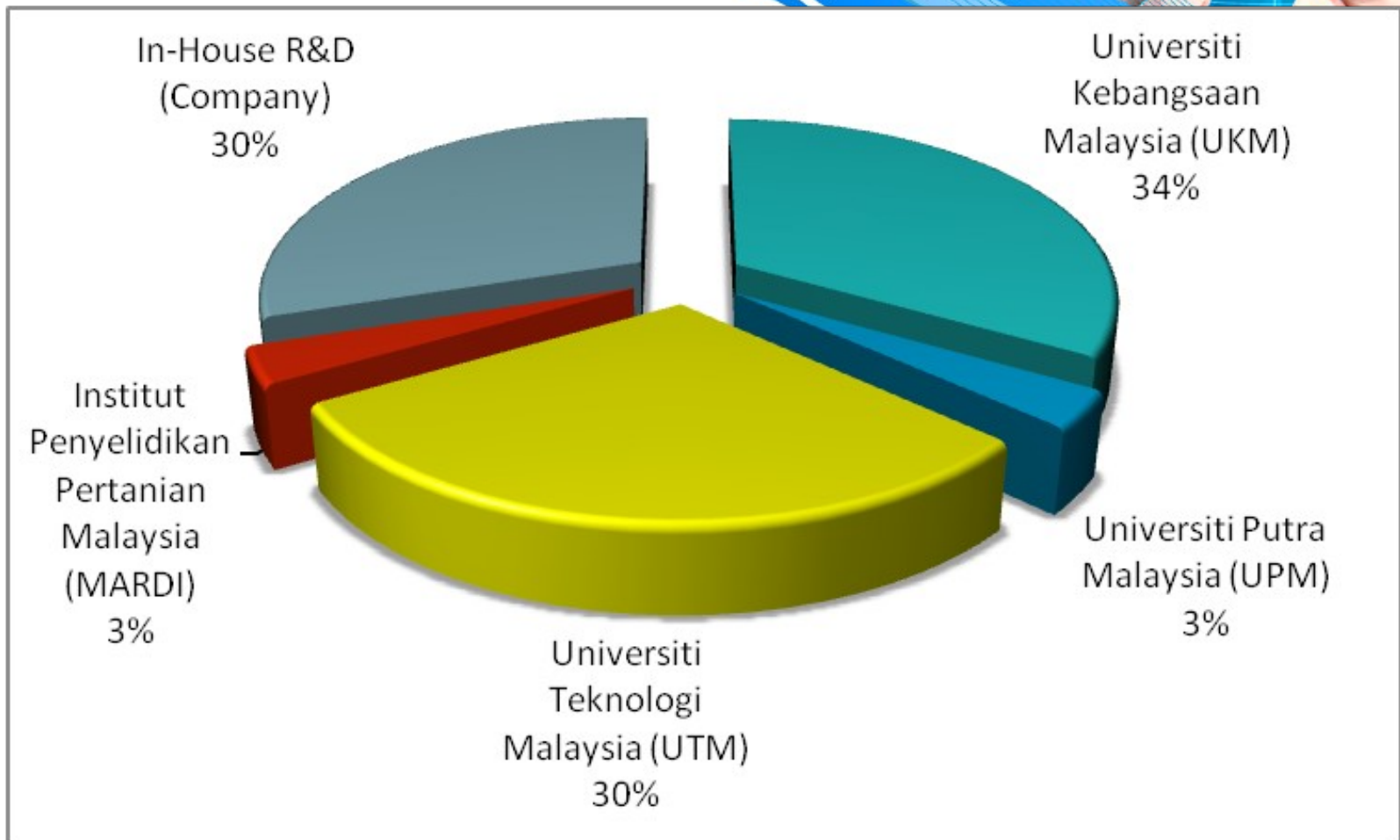


CRDF CATEGORY	NO OF APPROVALS	AMOUNT APPROVED (RM MIL)
CRDF 1	20	39,833,700
CRDF 2	1	500,000
CRDF 3(a)	9	16,535,600
CRDF 3(b)	0	0
TOTAL	30	56,869,300

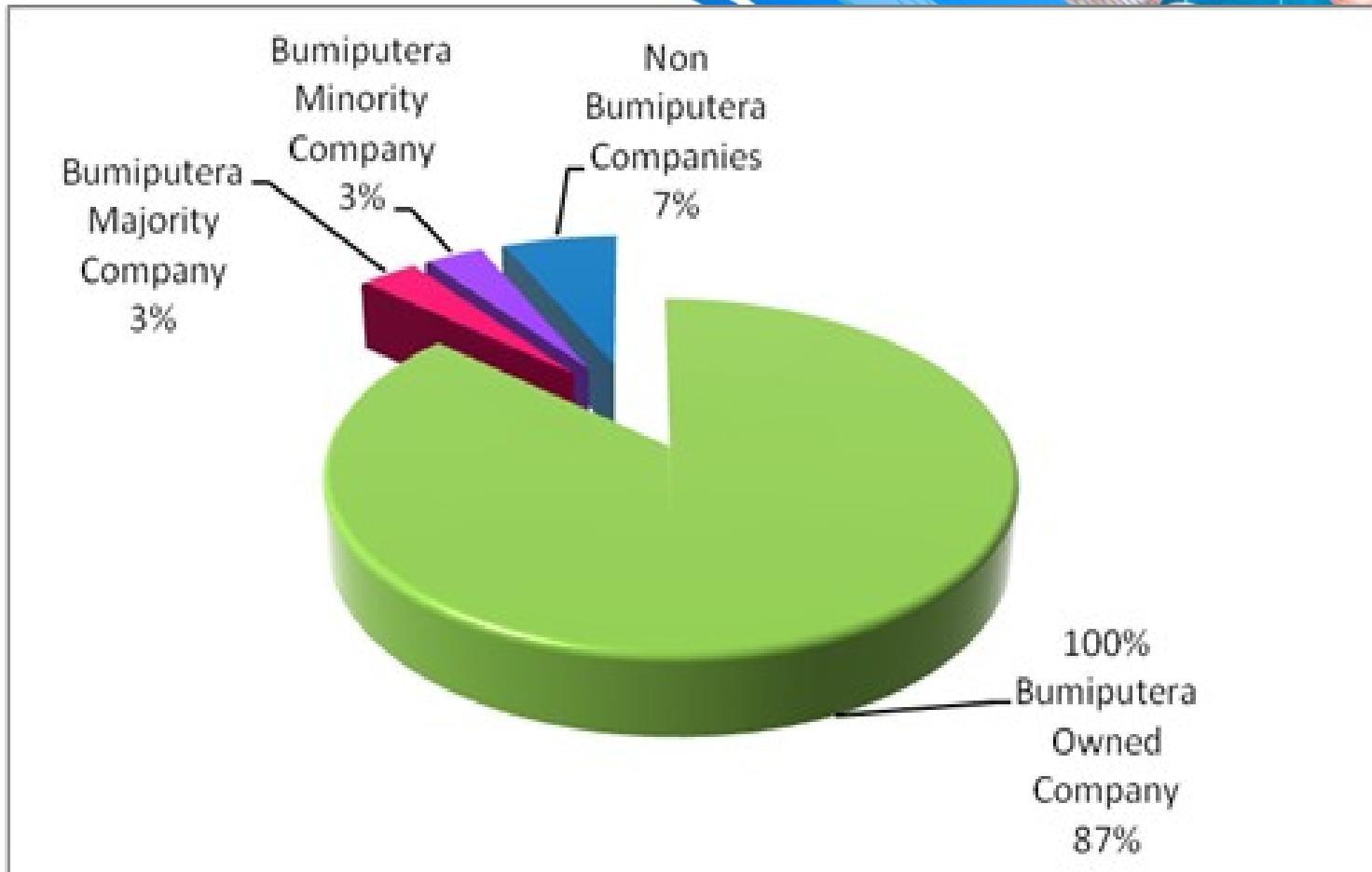
CRDF APPROVED PROJECTS BY TECHNOLOGY/INDUSTRY CLUSTER



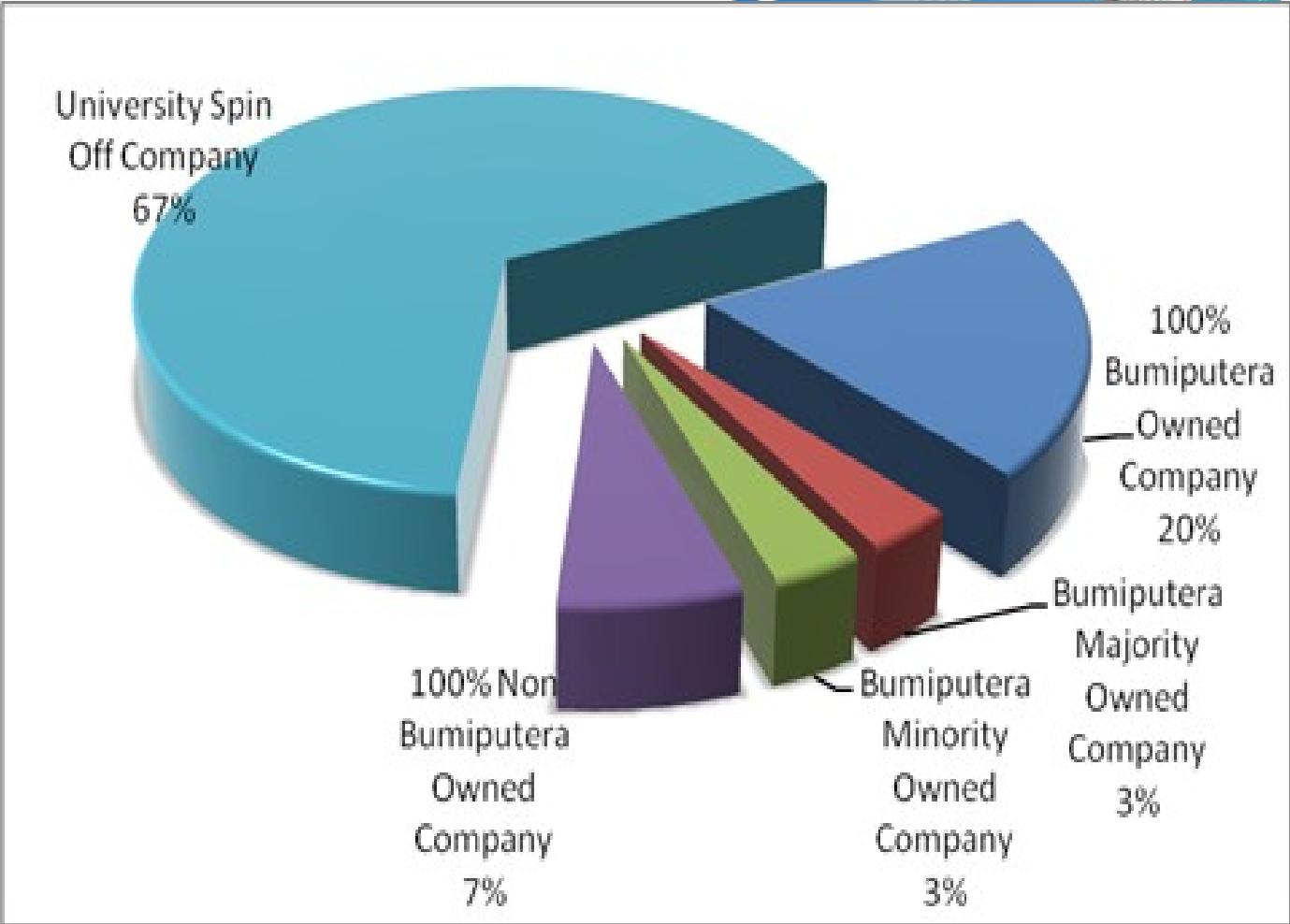
CRDF APPROVED PROJECTS BY SOURCE OF R&D



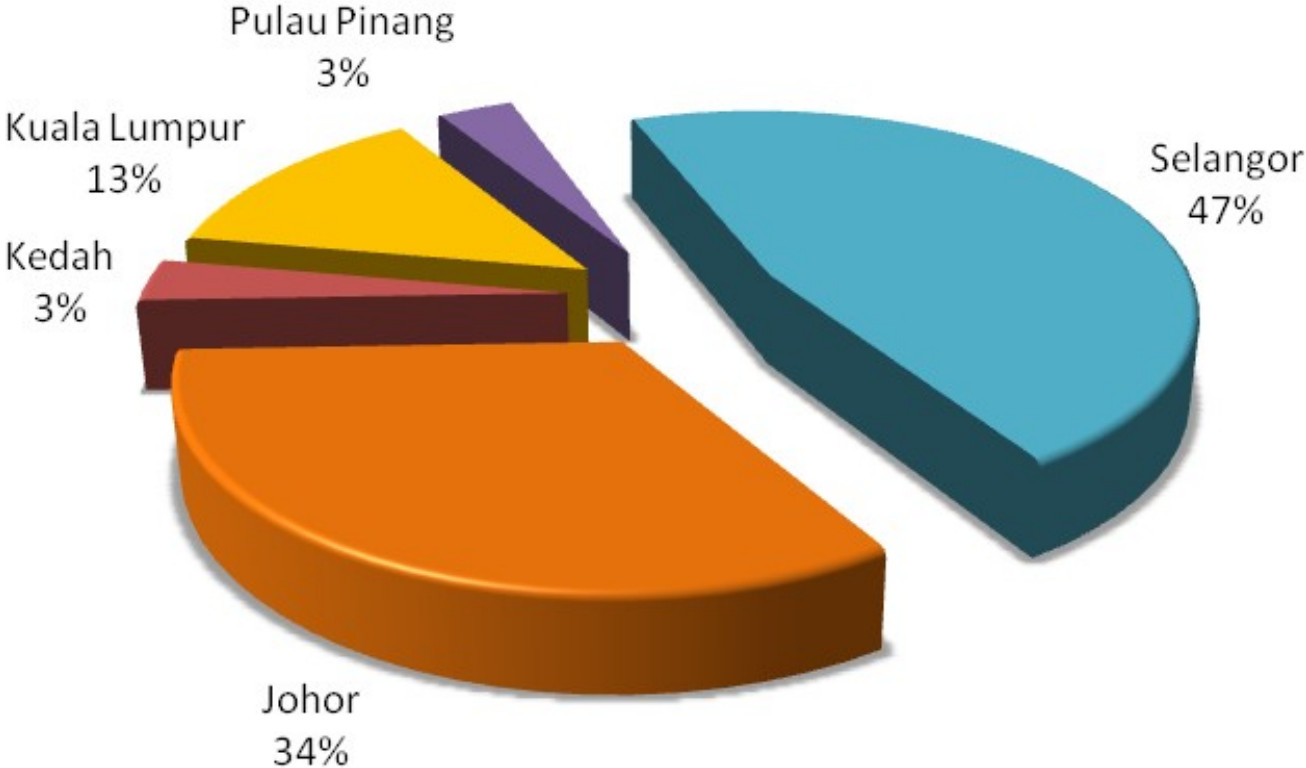
CRDF APPROVED PROJECTS BY COMPANY CATEGORY



CRDF APPROVED PROJECTS BY COMPANY CLASSIFICATION



CRDF APPROVED PROJECTS BY STATE





SCORECARD

CRDF 9th MP

CATEGORIES OF CRDF UNDER 9th MP



GRANT TYPE	FOCUS GROUP
CRDF 1	For Universities & Research Institute
CRDF 2	For Universities & RI Spin Off Companies
CRDF 3	For SME
CRDF 4 (a)	For SME
CRDF 4 (b)	For Large Corporation
CRDF 4 (c)	For Public Listed Companies

Quantum of Funding ranges from RM500,000 to RM4,000,000 to cover 50%-70% of eligible project costs depending on the categories of CRDF.

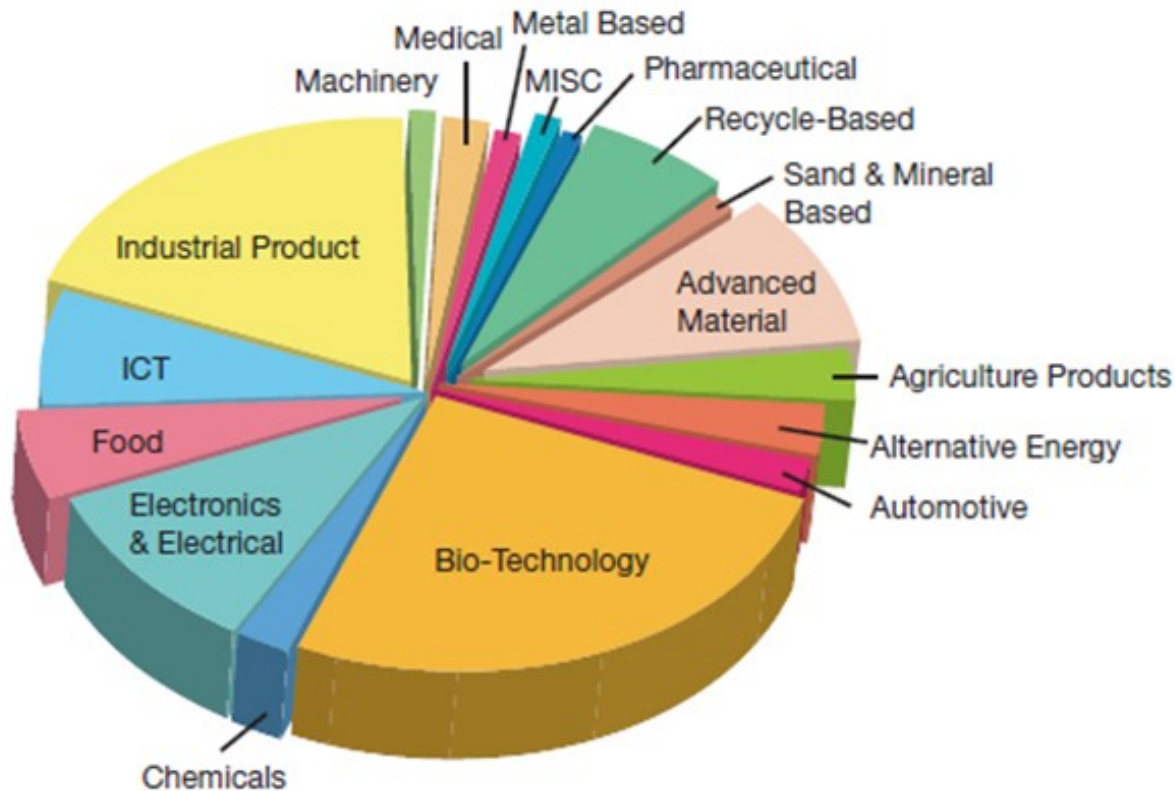
CRDF APPROVALS BY CATEGORY OF CRDF

GRANT TYPE	NO. OF APPROVALS	APPROVED AMOUNT (RM MIL)
CRDF 1	23	2.1
CRDF 2	3	1.3
CRDF 3	35	26.5
CRDF 4 (a)	90	258
CRDF 4 (b)	1	2.5
CRDF 4 (c)	2	4.6
Total	154	295

72
Public sector
research
commercialised

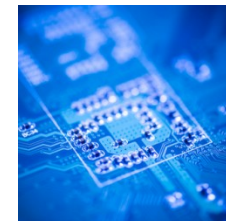


CRDF APPROVED PROJECTS BY TECHNOLOGY/INDUSTRY CLUSTER



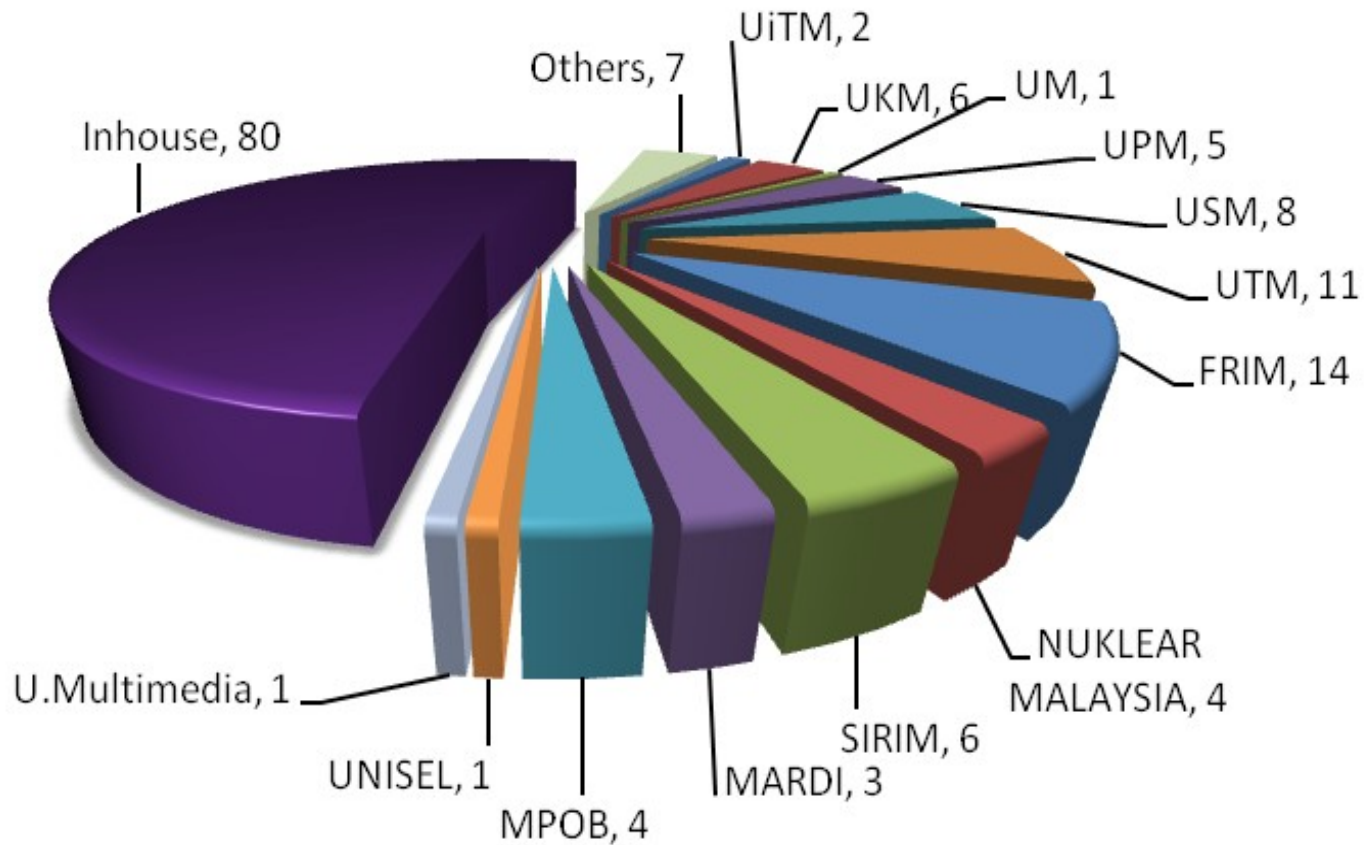
25%
Approval in
Cluster
Biotech

19%
Approval in
Cluster Industrial
Products

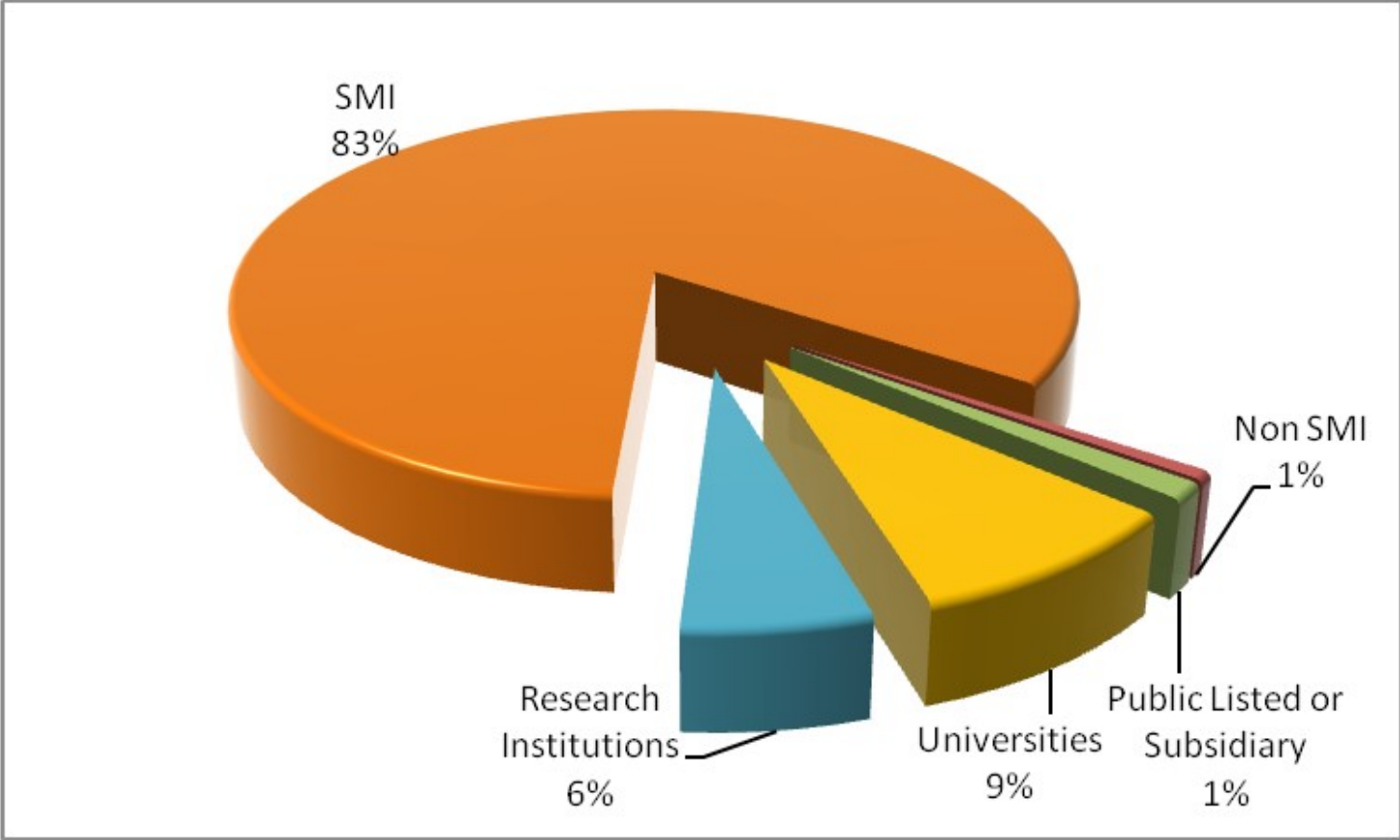


10%
Approval in
Cluster E & E

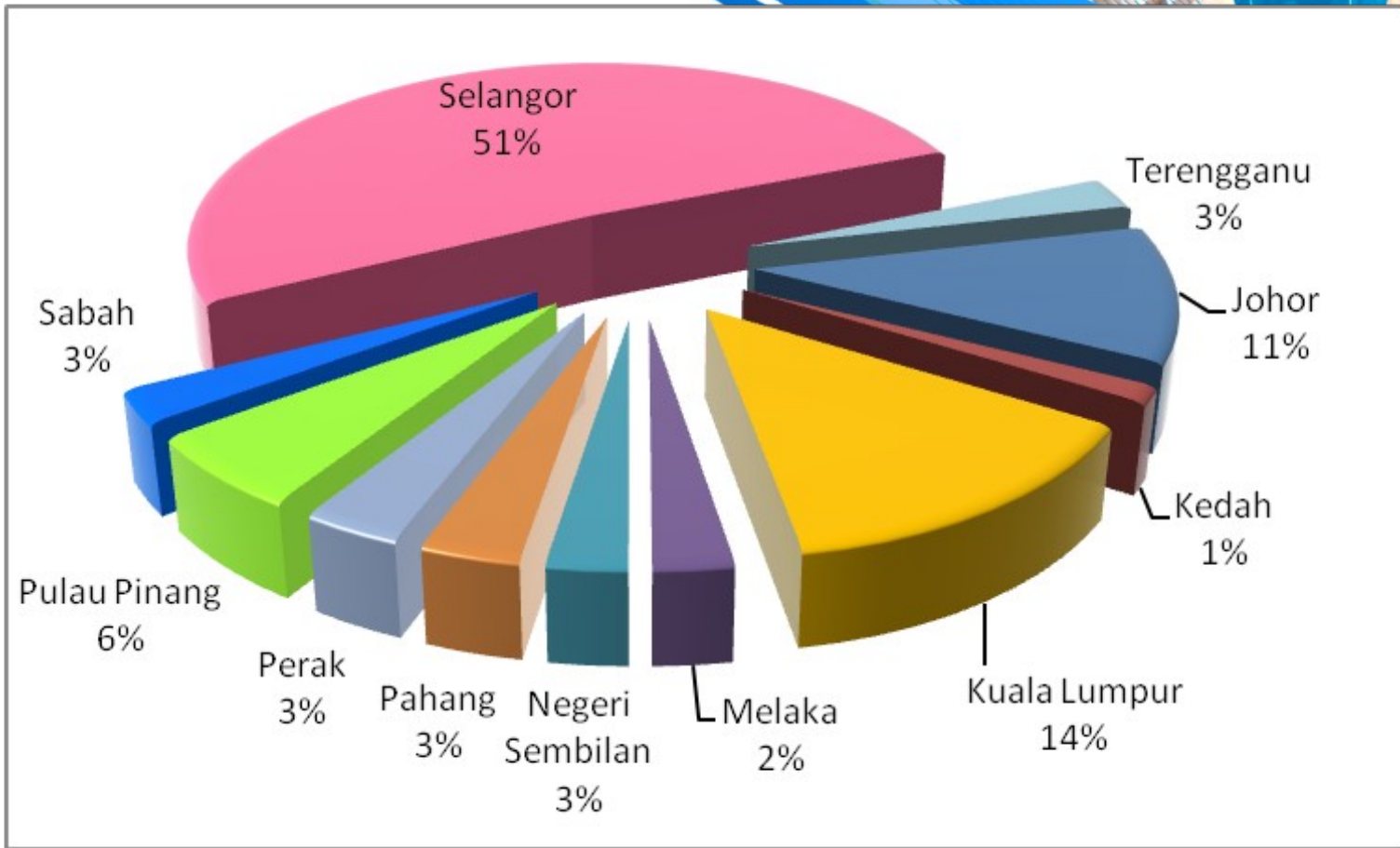
CRDF APPROVED PROJECTS BY SOURCE OF R&D



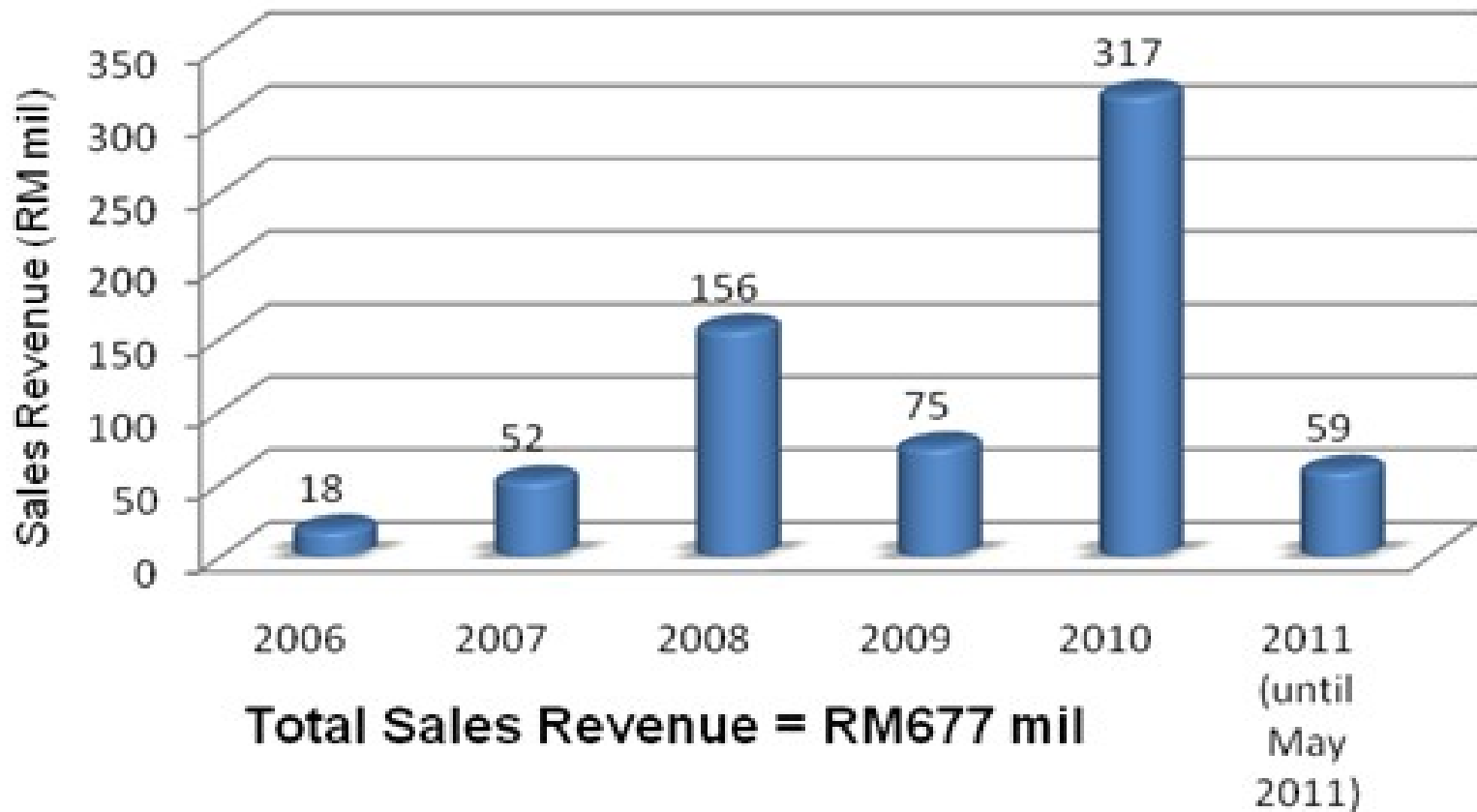
CRDF APPROVED PROJECTS BY COMPANY CLASSIFICATION



CRDF APPROVED PROJECTS BY STATE



TOTAL SALES GENERATED BY CRDF RECIPIENTS



Private Investment

RM418 mil



RM296

millions

Internal Funding
(Shareholders)



RM122

millions

Venture Capitals
and loans



CRDF IMPACT





SCORECARD

TAF 9th MP

CATEGORIES OF TAF UNDER THE 9th MP



GRANT TYPE	FOCUS GROUP
TAF 1	For Malaysian SME and Large Corporation excluding GLCs, Public Listed Companies or their subsidiaries
TAF 2	For Malaysia majority woman/women owned manufacturing or manufacturing related services (51% Malaysian owned) companies

Quantum of Funding is amounting to RM2,000,000 or 50% (which ever is lower) of eligible project costs.

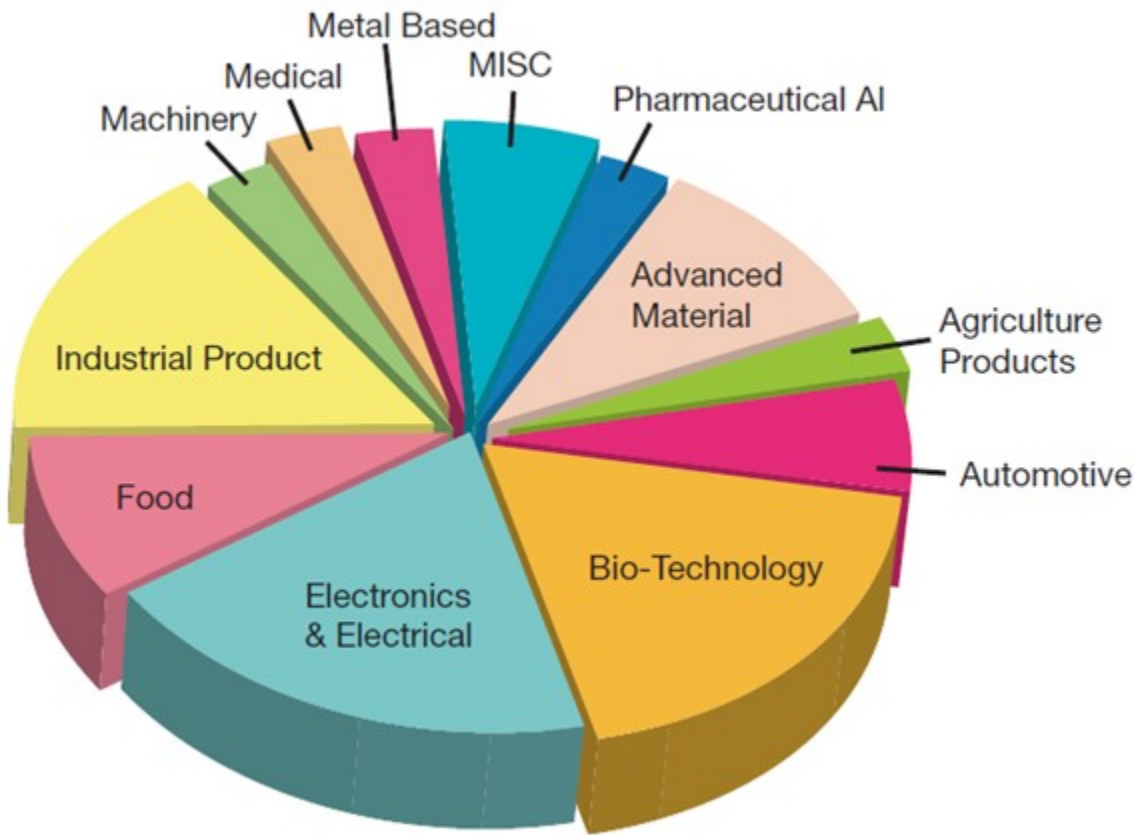
TAF APPROVALS BY CATEGORY OF TAF



GRANT TYPE	NO. OF APPROVALS	APPROVED AMOUNT (RM MIL)
TAF 1	26	44.5
TAF 2	6	1.5
Total	32	46



TAF APPROVED PROJECTS BY TECHNOLOGY/INDUSTRY CLUSTER



19%
Approval in
Cluster
Biotech



19%
Approval in E & E

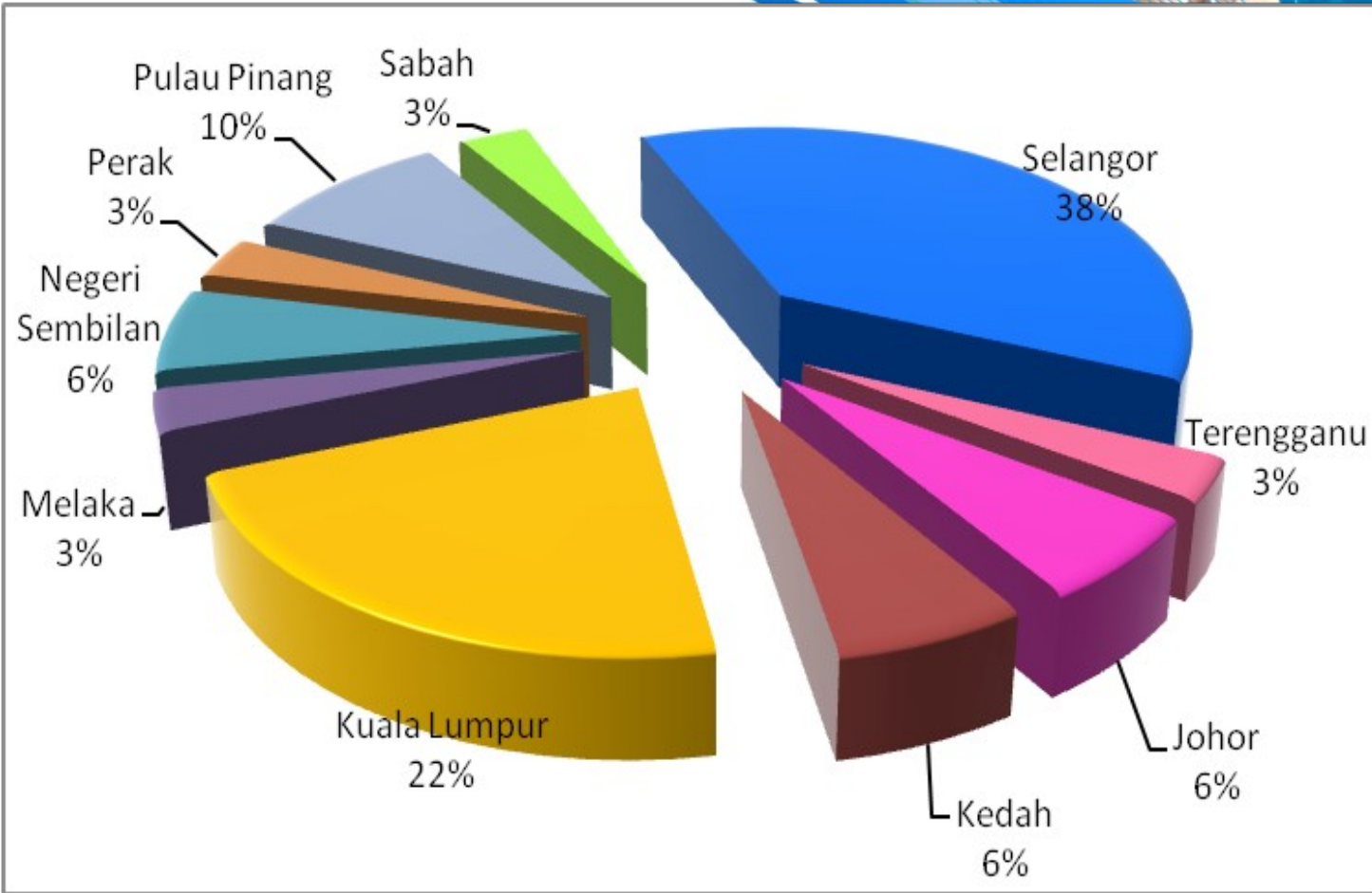


16%
Approval in
Cluster Industrial
product

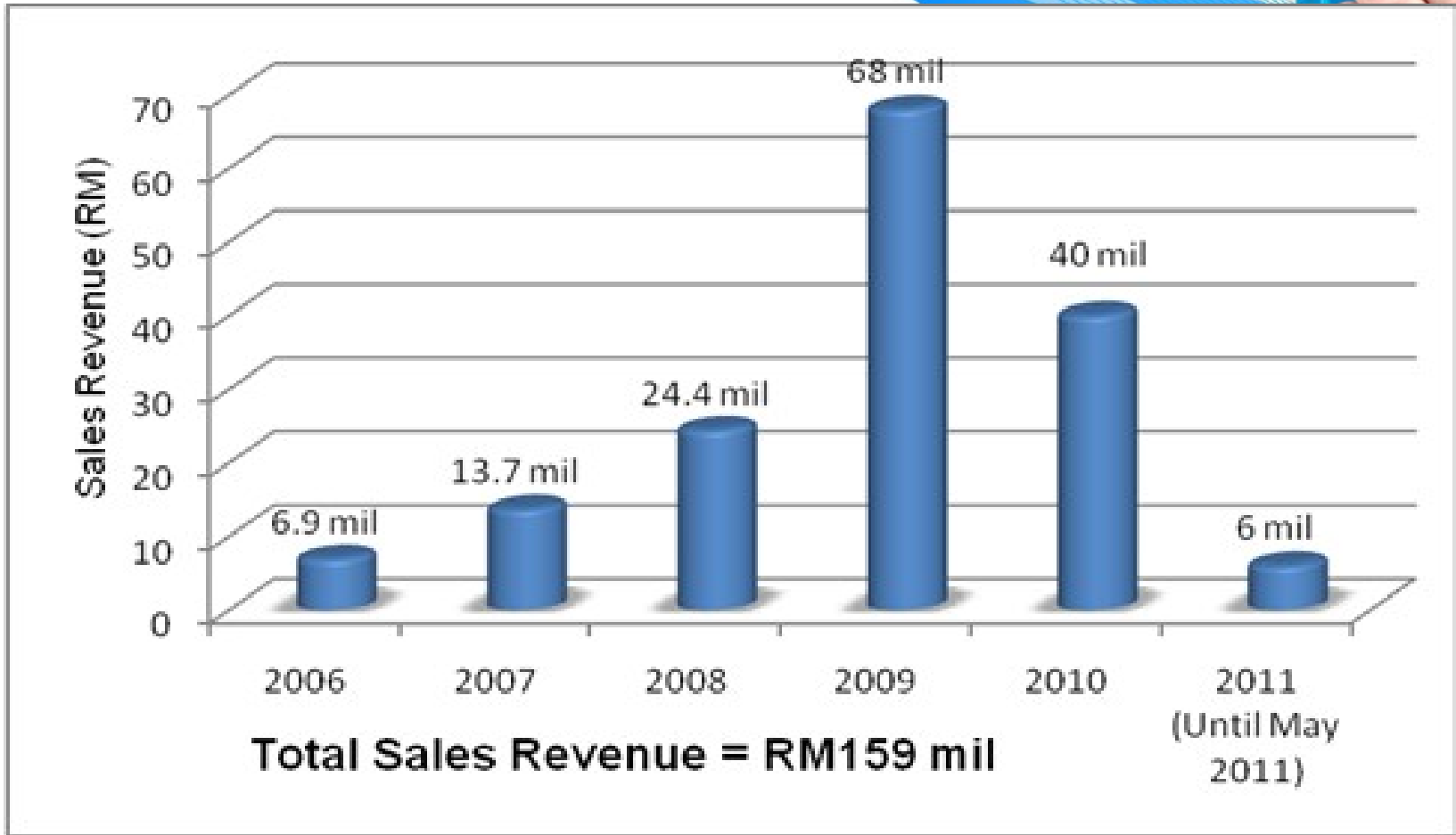
TAF APPROVED PROJECTS BY COMPANY CLASSIFICATION



TAF APPROVED PROJECTS BY STATE



TOTAL SALES GENERATED BY TAF RECIPIENTS



BUSINESS WITHOUT BOUNDARIES - EXPORT COUNTRIES

Asia

China, Korea, Hong Kong, Macau, Japan, Malaysia, Singapore, Thailand, Indonesia, Brunei, Philippine, Vietnam, Cambodia, Myanmar, India, Maldives & Pakistan

Europe

United Kingdom, Sweden, Denmark, Poland, Switzerland & Italy

North America
USA & Canada

Latin America & Caribbean

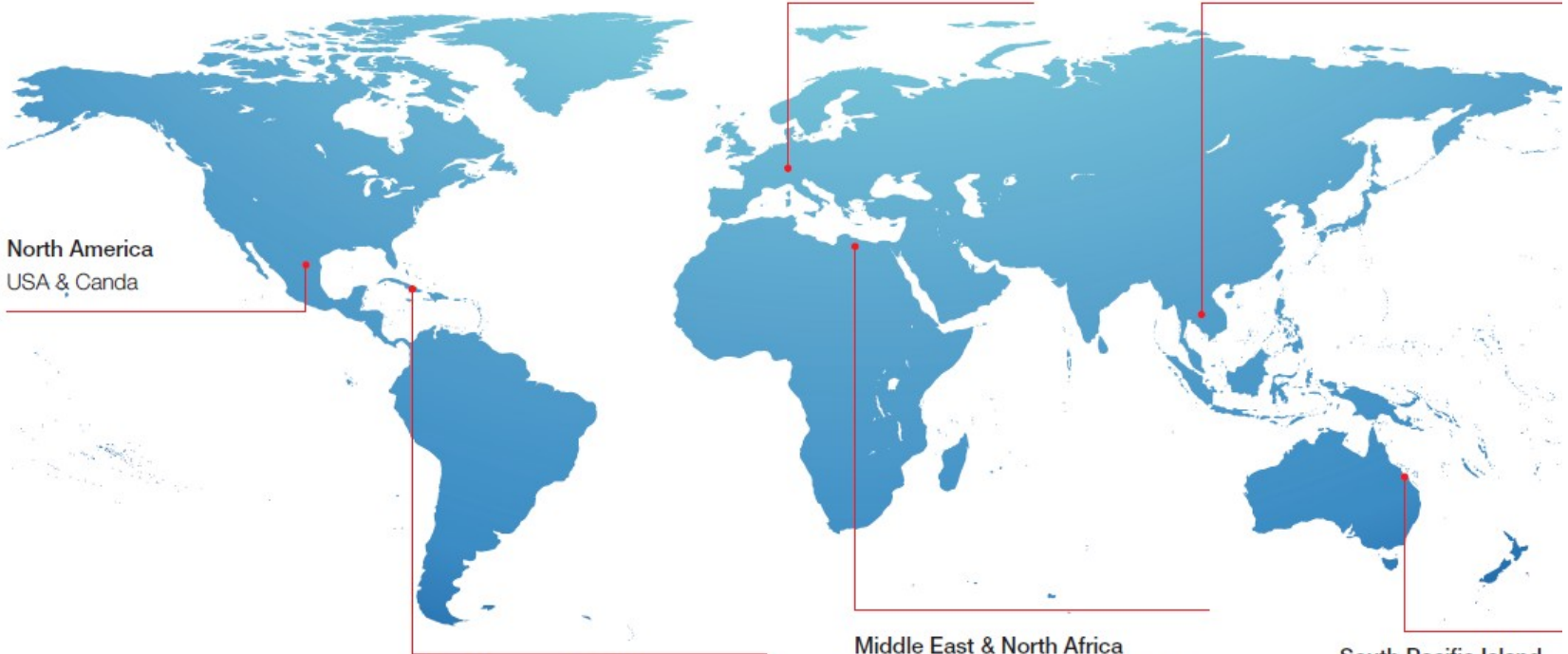
Ecuador, Colombia, Brazil, Honduras & Dominican Republic

Middle East & North Africa

United Arab Emirates, Saudi Arabia, Kuwait, Iraq, Oman, Turkey, Libya, Morocco & Algeria

South Pacific Island

Australia & New Zealand





Private Investment

RM131 mil



RM43.5
millions

Internal Funding
(Shareholders)



RM87.5
millions

Venture Capitals
and loans



TAF IMPACT





THANK YOU