



Intellectual Property and Climate Change: Financial Challenges to Innovation

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Malaysia's Green Technology Policy

Among the Objectives:

- Increase national capability and capacity for innovation in GT development and enhance Malaysia competitiveness in GT in the global arena.
- Key Focus Areas:

Energy

Building

Water & Waste
Management

Transportation

Scope of Intellectual Property in Climate Technology

IP	Underlying Technology	Instances of Applications
Patents	Mechanical Engineering	Biomass burner Biogas Collectors/bottlers
	Electrical Engineering	Biomass electrification POME Electrification
	Chemical Engineering	Biogas process Fertilizer process Fermenter
	Biotechnology	Fermentation of biofertilisers POME
Trade Secrets	Biotechnology	Fermentation Formulation (e.g. biomass ingredient)

Barriers to Innovation in Green Technology

- Economics
- Institutional
- Policy
- Human Capital

Government Research / Technology Grants

Types of Fund	Amount	Project Scope
Technofund	RM1.5 – 3.0 mil	<ul style="list-style-type: none">▪technology development, up to pre-commercialisation stage▪Include IP Preparation and Registration in Malaysia Only▪Priority Areas include Biogas and Biofuel, Biomass energy technology, Sea Level Changes, Solar, Wind, Water Resource Management
Science Fund	up to RM500,000	<ul style="list-style-type: none">▪R&D projects that can contribute to the discovery of new ideas & the advancement of knowledge in applied sciences, focusing on high impact and innovative research▪16/241 projects in 2011

Observations on Government Fund

- Competitive Bidding
- Emphasis on success and IP
- Long process
- Ends at pre-commercialisation

Green Technology Funding Scheme

- RM 1.5 billion in the form of 2% interest rate reduction
- Government Guarantee of 60% of the project cost
- Approved GT Value for Financing (RM): 725,355,728.00
- Balance of GT Value for Financing (RM): 774,644,272.00

itions on GTFS

| subsidy on Project, not on
r innovation

| on GT components only
se the interest rate, not on
roject

jeopardy

e local or foreign technologies

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_7506

