

Cagamas Berhad(157931-A)

The National Mortgage Corporation

Investor Presentation October 2013







Agenda



- Section 1 Company Overview
- Section 2 Business Overview
- Section 3 Key Credit Strengths
- **Section 4** Developing the Capital Market



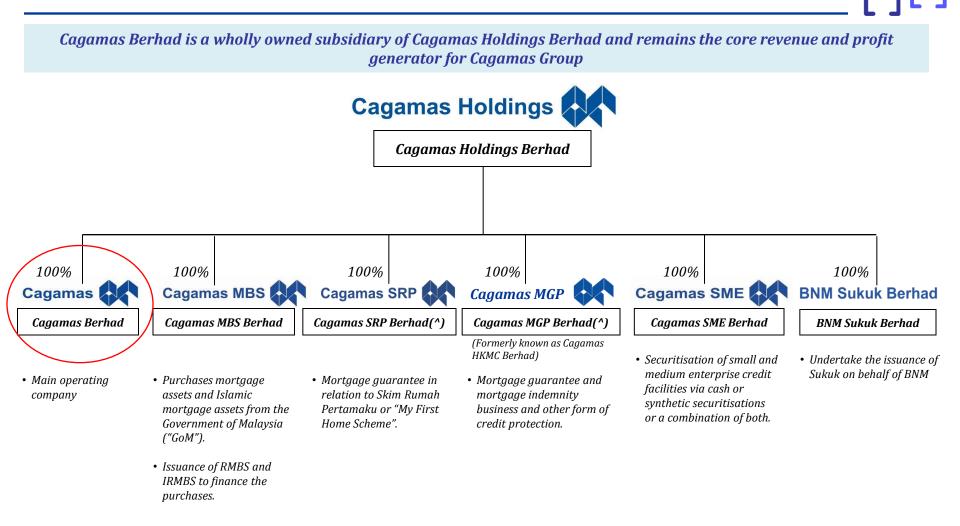




SECTION 1 Company Overview







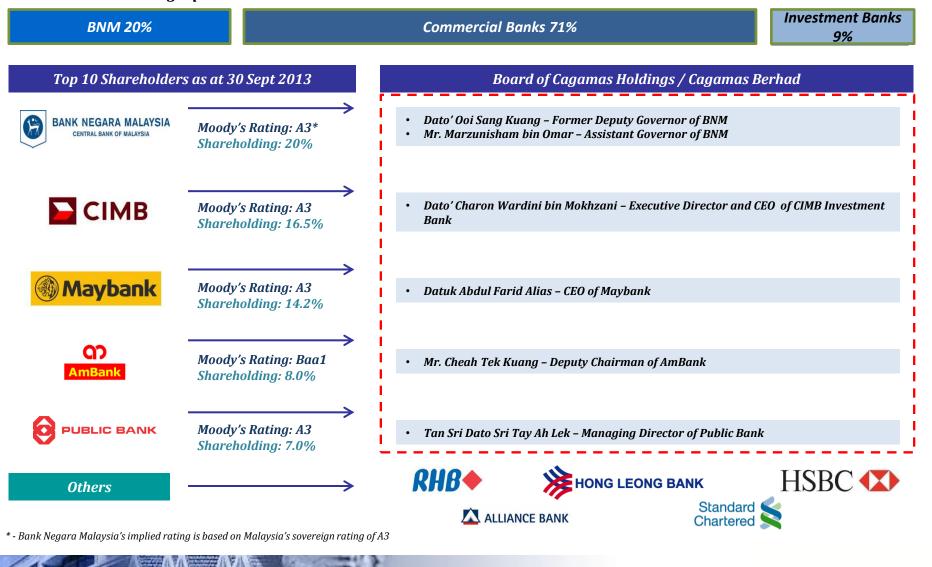
Note: Shareholding structure as at 31 December 2012



Shareholding Structure

> Shareholders Demographics:-









Key Financial Highlights	Cagamas Holdings	Cagamas Berhad
Profit before tax and zakat (RM mn)	551	293
Asset size (RM mn)	31,864	23,285
Shareholders' funds (RM mn)	4,262	2,224
Core Capital Ratio (%)	35.6	23.8
Risk Weighted Capital Ratio (%)	36.4	24.4







SECTION 2 Business Overview



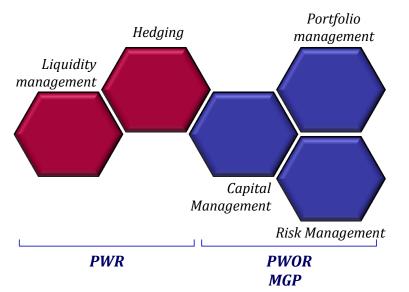


Business Overview



In its unique way, Cagamas successfully benefits the financial institutions by providing liquidity management, hedging solutions, capital management, portfolio management and risk management

• Cagamas offers the following tools to the financial institutions:-



- Cagamas purchases both conventional and Islamic loans/ financing and fund the purchases through the issuance of bonds/sukuk
- Loans / financing are purchased either on a with recourse to the originator basis (PWR); or on a without recourse basis (PWOR)
- MGP offers 'first loss' protection on a mortgage portfolio while the mortgage assets remain on the Originator's books

* Under Cagamas MGP/ SRP



Purchase with Recourse (PWR)

- Housing Loans
- Islamic House Financing
- Industrial Property Loans
- Hire Purchase and Leasing Debts
- Islamic Hire Purchase
- Personal Loans
- Islamic Personal Financing
- Ar Rahnu Financing

Purchase without Recourse (PWOR)

- Housing Loans
- Islamic House Financing
- *Hire Purchase*
- Islamic Hire Purchase

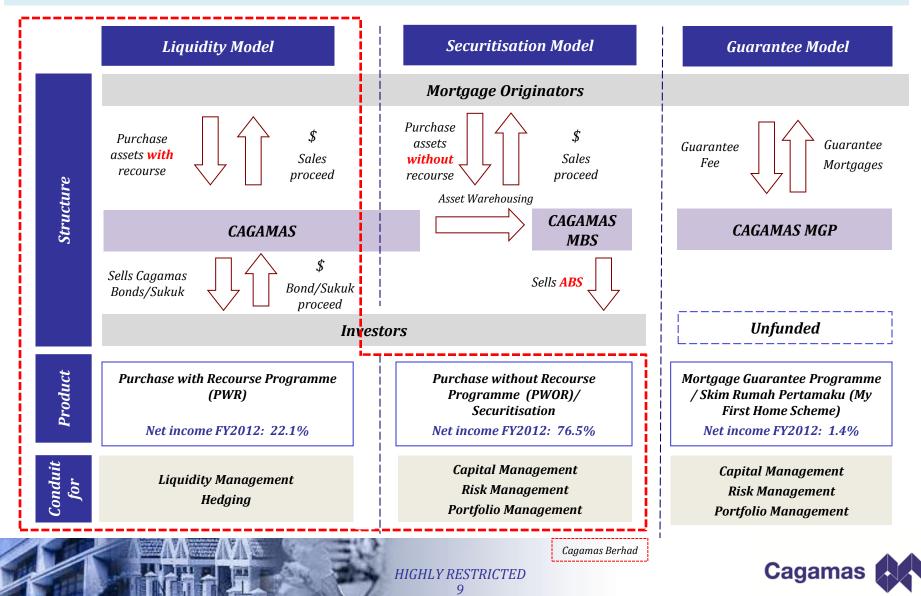
Mortgage Guarantee Programme (MGP)*

- Housing Loans
- Islamic House Financing
- Skim Rumah Pertamaku ("SRP")/My First Home Scheme



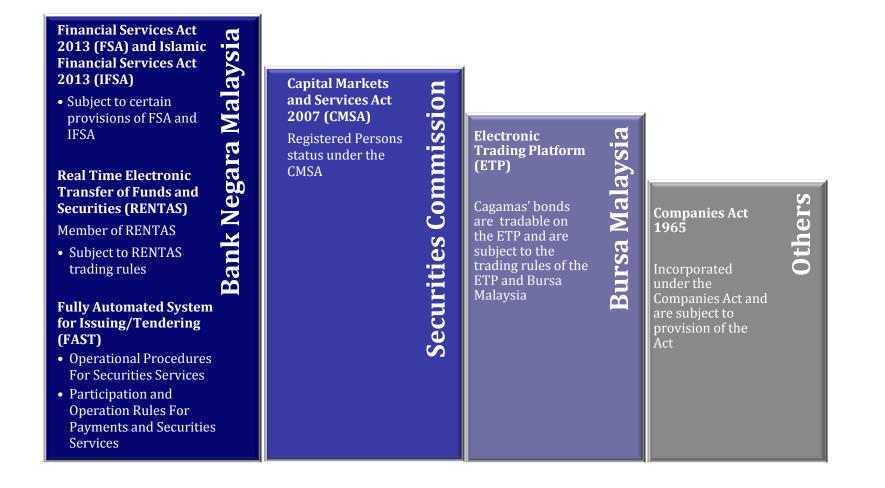


Cagamas purchases loans and financing under 2 schemes – Purchase with Recourse and Purchase without Recourse





Cagamas is governed by the following regulations under the respective authorities





Asset and Liability Management (ALM)





	Proactive asset and liability management to mitigate risks and optimise profitability
Identified Risk	Risk Control
Market Risk & Liquidity Risk	 Match-Funding Policy Duration Gap Liquidity Gap Limit Liquidity Ratio
Credit Risk	 Prudent Investment Policy Stringent Credit Concentration Limit Exposure Regular Credit Review
Funding Risk	 Issuance and distribution of its own debt securities as 'Registered Person' under CMSA¹ Facility Agent of its own debt securities as a 'FAST'² member Interbank borrowing and repurchase agreement (REPO) as 'Approved Interbank Institution'³ Intraday credit facility from BNM as 'RENTAS'⁴ member Strong shareholders' funds as additional source for liquidity needs

1. The Capital Markets and Services Act 2007 issued by the Securities Commission of Malaysia in relation to dealing with fund raising activities.

2. Fully Automated System for Issuing/ Tendering

3. Cagamas status as "Approved Interbank Institution" enable direct access to interbank money market as stipulated in The Malaysian Code of Conduct for Principals and Brokers in the Wholesale Money Market and Foreign Exchange Markets.

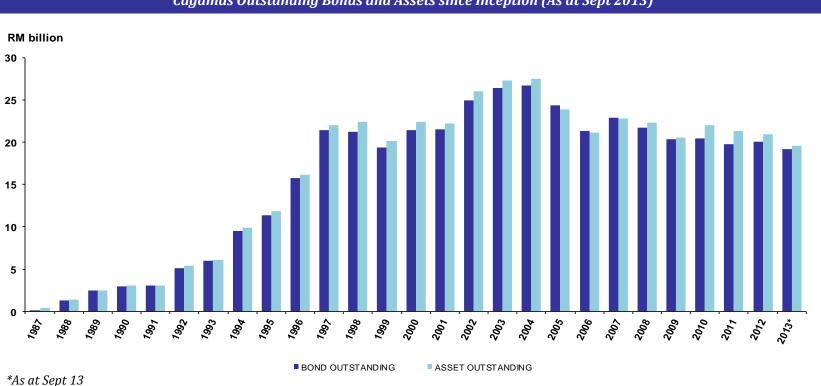
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4. Real Time Electronic Transfer of Funds and Securities is a real time gross settlement system for transfer and settlement of interbank funds and scripless securities transactions.





Cagamas practices a strict match-funding policy where all asset purchases are funded by bonds of matching size, duration and self-sufficient in cash flows



Cagamas Outstanding Bonds and Assets since Inception (As at Sept 2013)

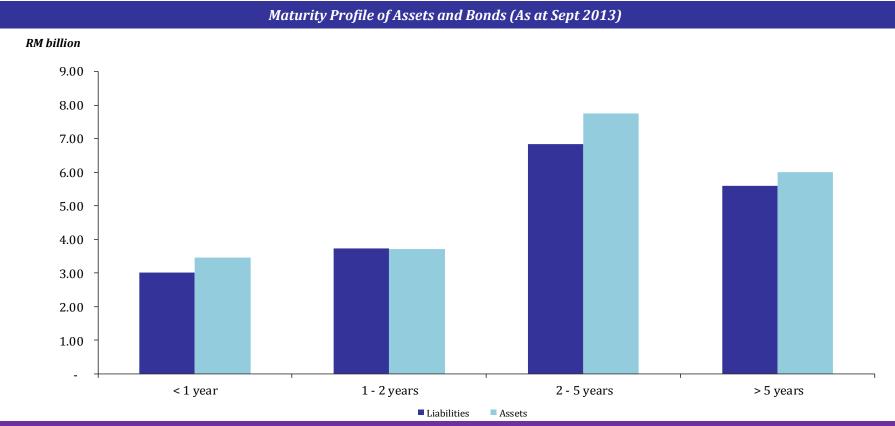
Cagamas also imposes a duration gap limit to manage liquidity and interest rate risks







Maturities of assets and liabilities are matched as closely as possible



Cagamas places limits on maximum shortfall against shareholders' funds and liquidity ratio to ensure sufficiency of funds to meet maturing liabilities

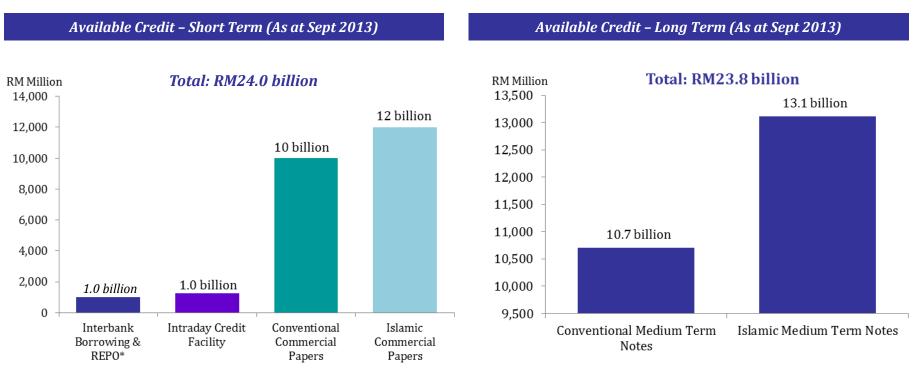
As at 30 September 2013, Cagamas holds RM2.0 billion in cash and liquid assets







Cagamas has access to interbank borrowing and repurchase agreement (REPO) facility and intraday credit facility provided by Bank Negara Malaysia



* - Assume RM100 million available lines each from top 10 shareholders

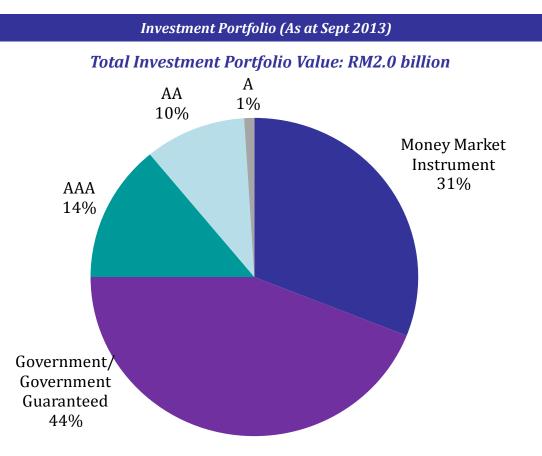
In addition to these, a minimum of 50% of Cagamas' investments are government/government-guaranteed issues which can be used to obtain funding via REPO





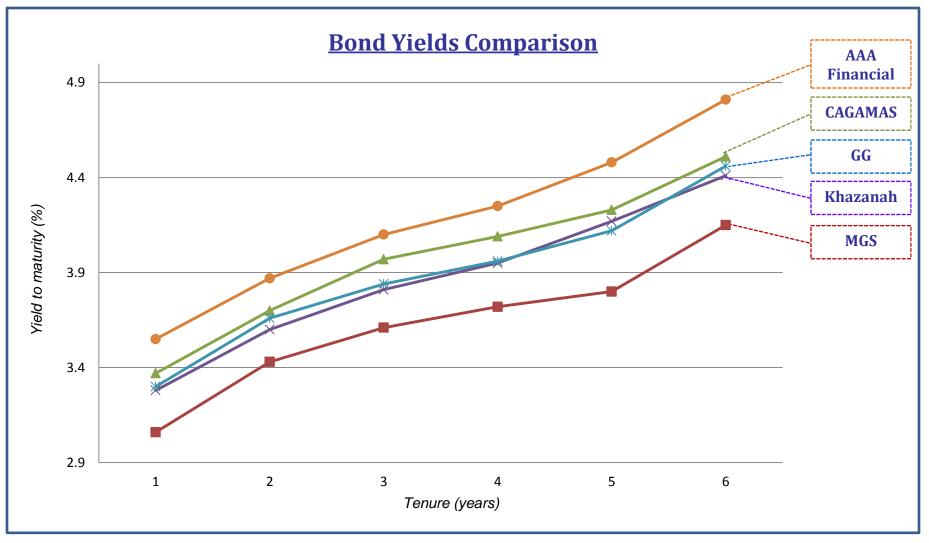


Cagamas maintains at least 75% of its investment portfolio in highly-rated instruments and conducts regular credit reviews on counterparties and issuers









Source: Bond Pricing Agency Malaysia as at 30 Sept 2013

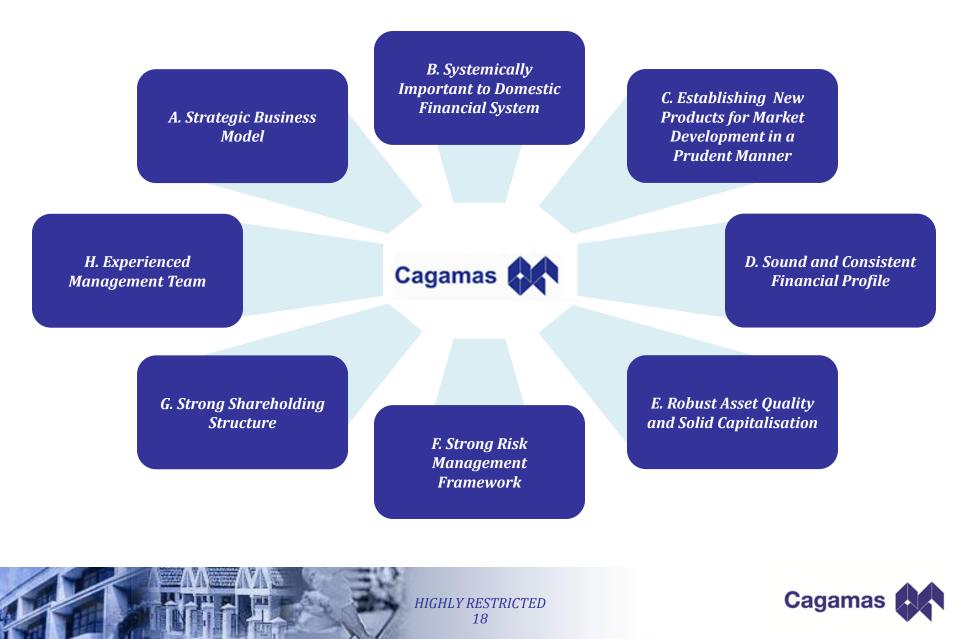




SECTION 3 Key Credit Strengths

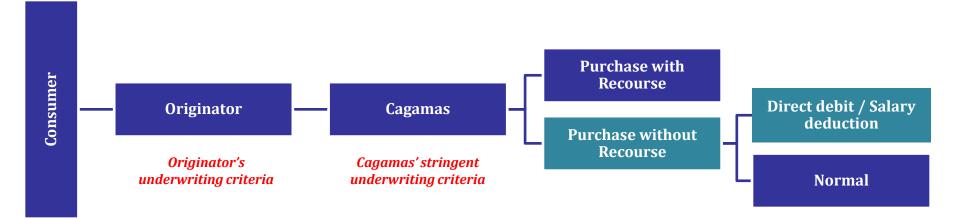








Since the commencement of operations in 1987, Cagamas has been a global role model of how emerging countries can establish successful secondary mortgage liquidity facilities



Cagamas' business model is a unique secondary mortgage market conduit for emerging economies

• Under its business model, Cagamas has its own stringent underwriting criteria which minimises the risk exposure of Cagamas

The success of Cagamas' business model has been recognised by other countries as well as the World Bank and the Asian Development Bank

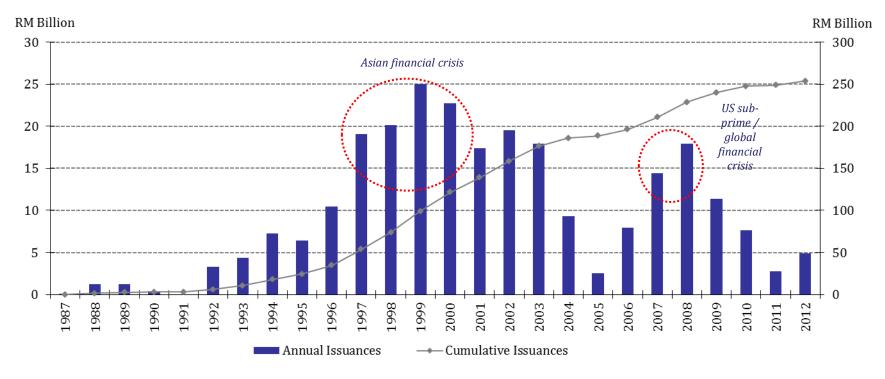






Strategic role in the stabilisation of the financial sector in Malaysia with resilient performance throughout the cycles

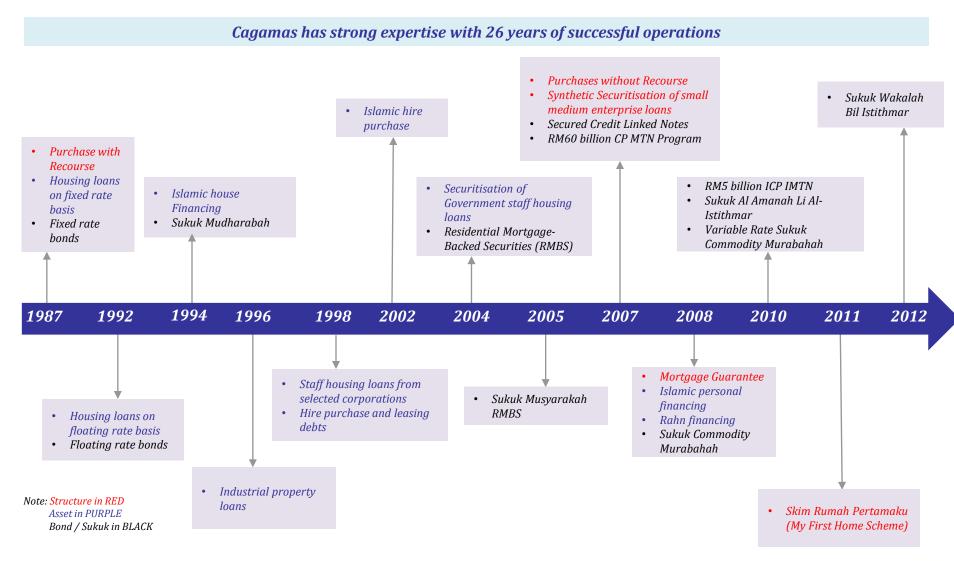
- Provide credit and portfolio risk management solutions
- Provide capital management solutions
- Conduit to remove systemic risk in the financial sector
- Conduit for best practices & setting up of standards development of conforming financing standards
- Cagamas has issued papers of about RM269 billion to the financial sector as at September 2013





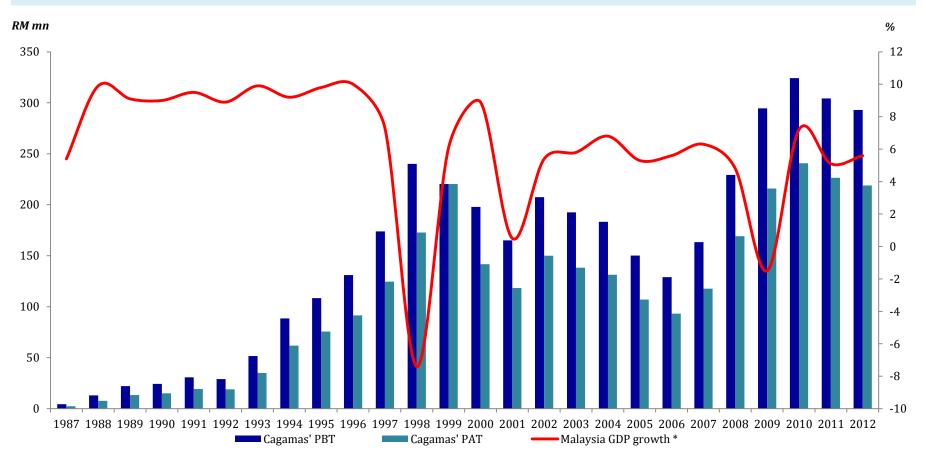
Establishing New Products for Market Development in a Prudent Manner







Cagamas consistently achieves strong and resilient profit since its inception, demonstrating that business can be managed in both prudent and profitable manner



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* Source: The World Bank



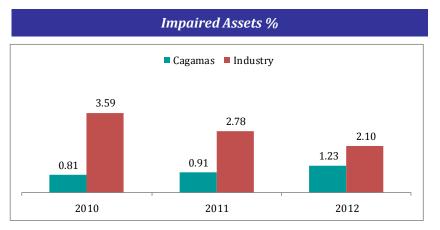


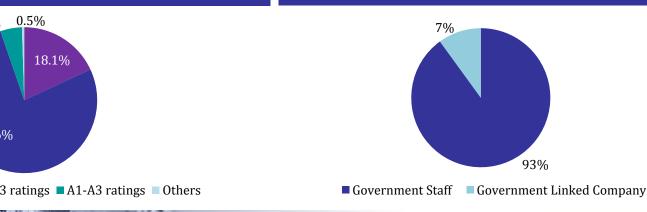
Cagamas' asset quality is robust, premised on its exposure to highly rated PWR counterparties and the provision of loans / financing with non-discretionary salary deduction at source as a key feature of its PWOR portfolio

- In FY Dec 2012, more than 95% of the Company's counterparties under the ٠ PWR scheme carried at least AA ratings. There has been zero impairment losses for PWR assets
- The company's PWOR portfolio is considered healthy given that these receivables are subject to non-discretionary salary deductions at source. Cagamas' ratio of loans that are 90 days past due came up to 1.2% as at end-December 2012, lower than the Malaysian banking system's gross impaired loan ratio of 2.4% for residential property mortgages

Counterparties exposure by ratings for PWR assets (%) FY2012

The ratio of its PWR and PWOR receivables stood at about 54:46





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Counterparties exposure for PWOR assets (%) FY2012

93%

7%



4.8% 0.5%

76.6% ■ AAA rating ■ AA1-AA3 ratings ■ A1-A3 ratings ■ Others



The strong risk management framework is a major contributor to the highly successful Cagamas business model





SECTION 4 Developing the Capital Market







Cagamas complements its role as a provider of competitively priced liquidity to the financial system with developing the bond market through innovation.

- Malaysia's largest and longest RM60 billion 40-year Commercial Paper/Islamic Commercial Paper (CP/ICP) and Medium Term Note/Islamic Medium Term Note (MTN/IMTN) programme.
- Open ended IMTN programme incorporating the Syariah principles of Murabahah, Mudharabah, Musyarakah, Ijarah and Istithmar.
- Largest and longest dated corporate Sukuk transaction in Malaysia -RM2.015 billion Sukuk Commodity Murabahah.
- Largest ever transferrable and tradable variable rate Commodity
 Murabahah notes issuance by a corporate in the Ringgit market.
- Globally Syariah compliant RM5 billion Sukuk al-Amanah Li al-Istithmar (Sukuk ALIm) programme.
- Multi-tenured Asset Backed Securities Conventional and Islamic Residential Mortgage Backed Securities (RMBS/IRMBS).
- Synthetic Securitisation Mezzanine Bonds (SME).

Types of Cagamas Conventional Bonds & Sukuk:

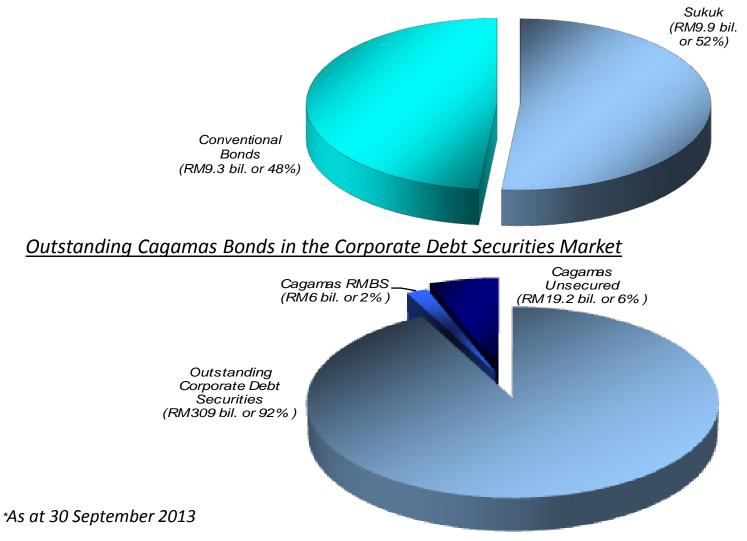
- Short-term Notes / Commercial Paper (STN / CP)
- Medium Term Note (MTN)
- Fixed Rate Bond
- Floating/Variable Rate Notes (FRN / VRN)
- Sukuk Commodity Murabahah (SCM)
- Sukuk al-Amanah Li al-Istithmar (ALIm)
- Sukuk Wakalah Bil Istithmar (SWABI)
- Conventional and Islamic Residential Mortgage-Backed Securities (RMBS/IRMBS)
- Sukuk Mudharabah Cagamas (SMC)



Outstanding of Unsecured Cagamas Bonds



Outstanding Unsecured Cagamas Bonds : RM19.2 billion

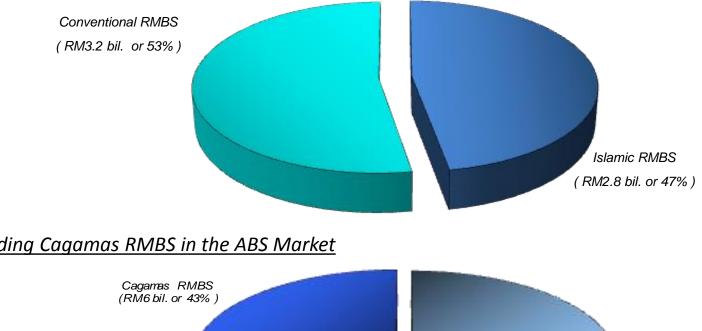








Outstanding Cagamas RMBS : RM6 billion



Outstanding Cagamas RMBS in the ABS Market

Other ABS (RM7.8 bil. or 57%)

*As at 30 September 2013

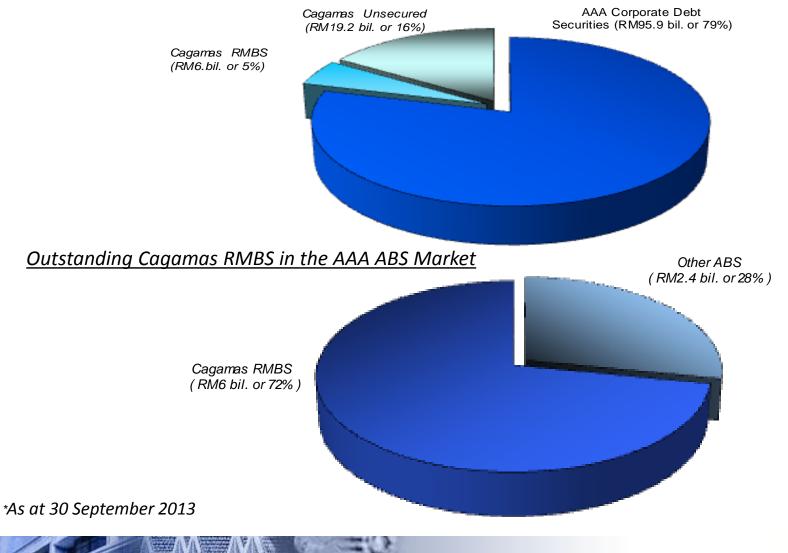




Outstanding of Cagamas Bonds against AAA Debt Securities

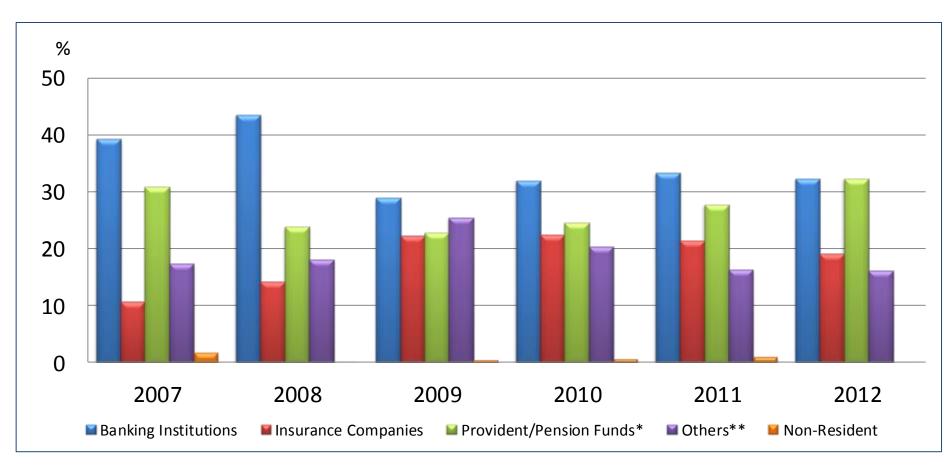


Outstanding Cagamas Bonds in the AAA Corporate Debt Securities Market





Investors Profile – Cagamas Unsecured Bonds



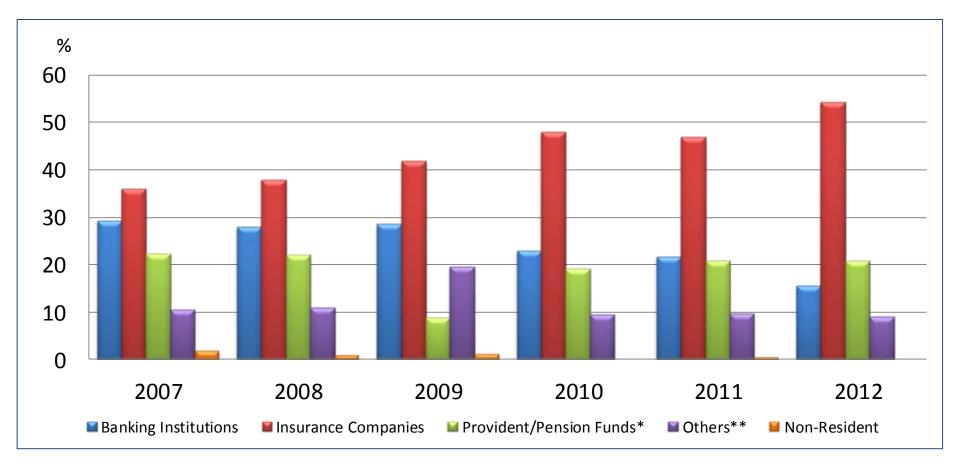
* Pension Funds – EPF, KWAP and SOCSO

** Others – Corporations, Government-Linked Companies and Trust Funds





Investors Profile – Cagamas RMBS Bonds



* Pension Funds – EPF, KWAP and SOCSO

** Others – Corporations, Government-Linked Companies and Trust Funds





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- AAA Issuer
 - ✓ Maintains the highest rating for over 19 years

	Regulatory Treatment for Cagamas debt securities issued before 4 September 2004	Revised Regulatory Treatment for Cagamas debt securities issued after 4 September 2004
Risk weight under the Risk Weighted Capital Ratio framework	10%	20%
Liquefiable assets status under the liquidity framework	Class-1 liquefiable	Class-2 liquefiable
Yield slippage under the liquidity framework	4%	6%
Single Customers Credit Limit (SCCL)	Exempted from SCCL	Subject to SCCL of 25% of the total capital funds
Mode of primary issuance	Through Principal Dealers' network	Not through Principal Dealers' network
Holdings by insurance companies	Low risk asset	Credit facilities

Note: RAM Ratings started to assign credit ratings to Cagamas Berhad in February 1994.





Cagamas has achieved many "firsts" for capital market transactions in Malaysia and beyond

Kuala Lumpur Islamic Finance Forum (KLIFF) (2013) Cagamas RM500 million multi-tenor Sukuk Wakala Bil Istithmar (2013)		 Most outstanding securitisation house Highly Commended / Most Innovative Deal
Cagamas RM1.0 billion Sukuk al-Amanah Li al-Istithmar (Sukuk ALIm) (2011) RM230 million Variable Rate Sukuk Commodity Murabahah (2011)	A State of the sta	 Islamic issuer of the year Sukuk Issuer of the Year Islamic Deal of the Year Best Islamic Deal, Malaysia Best Islamic Commodity-linked Murabaha
First Sukuk al-Amanah Li al-Istithmar (Sukuk ALIm) (RM1billion) transaction in the world (2010) and that are widely accepted and tradable in the Middle East Largest ever transferrable and tradable variable rate Commodity Murabahah notes issuance by a corporate in the Ringgit market (RM230 million Variable Rate Sukuk Commodity Murabahah)	Stanic finance peus 2007 Decis of the Year 2009	 Islamic Issuer of the Year Sukuk Issuer of the Year Islamic Deal of the Year Malaysia Deal of the Year Islamic Deal of the Year Best Islamic Deal of the Year Malaysian Innovation of the Year Tawarruq Deal of the Year Best Islamic Commodity-Linked Murabaha
Largest multi-tenured Sukuk Commodity Murabahah transaction in 2009 (Sukuk Commodity Murabahah RM915 million) Largest and longest dated corporate Sukuk transaction in Malaysia (2008) (Sukuk Commodity Murabahah RM2.015 billion)	islamic Finance pers <u>Autor</u> <u>Deciso the Year</u> <u>2009</u>	 Issuer of the Year Most Innovative Islamic Finance Deal Tawarruq Deal of the Year Most Innovative Deal
First Synthetic Securitisation of SME Loans (RM600 million) transaction in the ASEAN region (2007) Largest funding programme of its kind (RM60 billion CP/MTN programme) in the ASEAN region (2007)	ISR 2007 ISR 2007 ISR 2007	 Malaysia Capital Markets Deal of the Year Asian Deal of the Year Best Domestic Securitisation New Structured Finance Benchmark Deal Longest programme tenure in Malaysia (40 year MTN programme)
First rated Sukuk Musyarakah Residential Mortgage Backed Securities (RM2.05 billion) transaction in the world (2005)	FinanceAsia BURDMONEY RAM	 Best Malaysian Deal Best Domestic Securitisation Deal Best Islamic Finance Deal Islamic Finance Deal of the Year New Islamic Benchmark Deal of the Year
First residential mortgage backed securities (RM1.55 billion) transaction in Malaysia (2004)	EuroWeek	 Best Local Currency Bond Deal of the Year Best Local Currency Bond in Asia Best Malaysian Ringgit Bond





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