

Report on the Management of the Government's Portfolio for the Year 2010/11



This year marks the 30th anniversary of GIC.

It is fitting that we reflect on the highlights of each decade.

# 19**8**0<sup>s</sup>

# Setting the Foundation

GIC was the brainchild of Dr Goh Keng Swee, then Deputy Prime Minister and Chairman of the Monetary Authority of Singapore (MAS). He saw the need for an entity dedicated to the task of investing Singapore's growing reserves for better long-term returns, Dr Goh created what in retrospect, was the prototype Sovereign Wealth Fund.

GIC began operations in 1981 when international financial markets were stressed by high US interest rates and a sovereign debt crisis. Nevertheless, the Board and management focussed on the tasks of developing organizational and investment capabilities. GIC was then able to capitalise on the subsequent phase of disinflation that had a salutary effect on the value of financial assets, especially bonds and equities.

On Black Monday in October 1987, triggered by a 508-point fall in the Dow Jones Industrial Average, global stock markets tumbled. It was GIC's baptism of fire to financial market turbulence but it vindicated GIC's asset allocation policy and the tactical adeptness of its investment teams.

# 1990 S

# Expanding Investment Horizons

GIC first embarked on a policy shift from developed markets towards emerging markets in Asia in the 1990s. The real estate and private equity investment groups were corporatised to facilitate their growth and to take advantage of opportunities in the emerging markets. Our overall exposure to emerging markets is about one-fifth of the entire portfolio today.

The 1990s had its share of financial market crises. The Asian Financial Crisis in particular was a regional financial tsunami, engulfing in its wake regional stock markets, currencies, property markets and banking systems. GIC's diversified portfolio stood the test. GIC also did not waver from its conviction of the long-term growth potential of the region. To improve on its feel for the region, the Board inducted new Directors from the private sector who had regional business interests.

# 2000 S

# Strengthening Investment and Organizational Capabilities

The period witnessed internal reviews to strengthen investment and organizational capabilities. In 2003, GIC embarked on an extensive internal review of its investment process and governance framework. The result was a sharper definition of its investment objectives and risk tolerance parameters, and an enlarged policy asset mix better geared to the varied investment opportunities around the world.

This was also a period of restructuring to improve responsiveness to a more challenging investment environment. The development of organizational leadership and succession planning became a key focus.

Of the several financial market troubles in the 2000s, the global financial crisis of 2008-2009 towered them all. An early decision to sell down equities protected the portfolio, which has now returned to its normal allocation and more than recovered its losses.

2010s

# Preparing for the Future

GIC continues to grow its investments in the emerging economies. GIC set up business groups for China, India and Latin America to focus on investment opportunities in these target markets.

GIC also saw a slate of leadership changes and renewal. Founding Chairman, Mr Lee Kuan Yew, retired from the Board and took on the role of Senior Advisor. Deputy Chairman and Executive Director, Dr Tony Tan Keng Yam, also stepped down to be available for public office. GIC appointed new senior management to lead its three investment groups. Despite the unusually large number of leadership changes, the transition has been smooth due to the availability of well-qualified successors.

GIC held an Investment Conference and a Celebratory Dinner on 9 May 2011 to celebrate its 30th Anniversary. The Conference featured speakers from business, academia and government who are recognised as global leaders in the fields of finance and investment. The highlight of the Celebratory Dinner was the address by GIC's Founding Chairman Mr Lee Kuan Yew. We have reproduced his address here as a reminder and inspiration to all of what it would take for GIC to keep doing well.

**DISTINGUISHED GUESTS, LADIES AND GENTLEMEN,** I am delighted to welcome the current and former members of the Board, friends in public service, GIC's business partners, together with staff of GIC to this dinner to celebrate GIC's 30th Anniversary. Thank you all for your presence tonight and your contributions to GIC's success over the years.

The establishment of GIC in 1981 reflected the high priority accorded by the Singapore government, especially the late Dr Goh Keng Swee who was then Deputy Prime Minister, to manage Singapore's long-term reserves more rationally, strategically and professionally.

As we celebrate GIC's 30th anniversary, we should remember why GIC is vital to Singapore's national interest. First, Singapore is highly exposed to the vagaries of the global economy. Our national reserves are a buffer or shock absorber for Singapore in downturns like that of 2009. It helped us to keep jobs with the job credit scheme. Second, a strong national balance sheet fosters investor confidence and hence enhances the stability of the Singapore dollar. Third, income from our reserves supplement government revenues. To sustain our policy of building the reserves, we need a capable reserve manager like GIC to invest the funds with a long-term orientation and garner good returns.

The vision to create GIC was original, bold and forward-looking. When GIC was established, the idea that a country should manage its reserves for long-term returns was unconventional. Some even considered it irresponsible to invest our foreign reserves in risky assets like equities. Today, however, many countries have established sovereign wealth funds of their own.

GIC recognised early that talent would be the key to success. One of the most important reasons for the creation of GIC was to enable the hiring, developing, and retaining of the best talent. We have been successful. Another reason was also to ensure that Singapore was able to develop the essential capability of managing our reserves ourselves so that we could better control our long-term destiny. Meritocracy and excellence are core tenets of GIC's culture today.

We have also been willing to embark on new strategies and take calculated risks in order to attain good returns. GIC was an early investor in real estate. We were also early movers in Emerging Markets, particularly Singapore's ASEAN neighbours and China.

The results speak for themselves. Since inception, GIC has preserved and enhanced the purchasing power of Singapore's reserves, outpacing global inflation by a comfortable margin. Compared with the popular high-return asset class of equities, which returned 10.2% per annum in nominal USD terms since 1981, the GIC portfolio made comparable returns with less risk.

GIC now has over 1000 employees in 9 offices around the world. GIC has grown to become a widely respected investment manager in the industry, known for scale, prudence, competence and integrity.

The GIC's 30th anniversary is a time to celebrate our past successes. It is also a time to reflect on what we must do to meet future challenges. Just like 30 years ago, the future economic and investment environment appear unusually uncertain. The ever-deepening complexity of global financial markets has not abated, while the Global Financial Crisis has left many financial institutions, and the trust in them, much the worse for wear. It will take time to work through the full consequences of the Crisis, such as the huge amounts of debt that developed countries have taken on. Furthermore, the turmoil in the Middle East has elevated geopolitical risks.

At the same time, the rise of the emerging world – particularly China and India – is of unprecedented scale economically and politically in recent history. We must expect more complex growth and inflation prospects and more complicated relationships and competition between countries. The rise of emerging economies will not only change geopolitical dynamics, but will also put immense pressure on natural resources and the environment. All these will drive policy and technological changes that will change the world and create new long-term investment opportunities and risks.

The next 30 years looks challenging. The investment outlook could be less benign. In uncertain times, we must maintain certainty of purpose and thoughtfulness in direction, remaining true to our core values. First, GIC must continue to hire, develop and retain the best talent. They must be led by visionary leaders with the highest level of integrity. This will remain the primary foundation for future success. We must motivate our staff to pursue excellence, and to avoid complacency. We must also focus on developing future leaders to remain a dynamic organization.

Second, GIC must maintain the highest reputation, conducting itself in a manner that is beyond reproach. This is a key strength of GIC, given the various possible conflicts of interest that have been revealed by the Global Financial Crisis.

Third, GIC must have the courage and conviction to take original, bold, strategic, and forward-looking decisions. It must continue to be resourceful and adaptable. As GIC grows larger and more established, the impetus to follow conventional practices will grow stronger. This could lead to mediocrity. GIC must develop the capacity and courage to make the right decisions, thinking in-depth and with foresight for what works best for us, even if the decisions are at times unconventional.

Finally, GIC must capitalise on its global reach, multi-asset class capabilities, and long-term perspective. Such a perspective not only enables GIC to harvest good returns, it also helps build key relationships with governments, and partnerships with investors. Having a long-term perspective also means that GIC has the time and stamina to build strategic expertise and in-depth knowledge in new investment areas.

Nobody knows what the future holds. GIC has done well over the last 30 years. If GIC stays true to its original vision and values, GIC can continue to do well over the next 30 years.





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## Prudence

We exercise prudence and sound judgement and take a considered approach to managing risks as we seek to deliver sustainable, superior investment returns, always conscious of our overriding fiduciary responsibility.

As an institution and as individuals, we conduct ourselves with good sense and circumspection, even as we take the best advantage of our large asset base, global presence, multi-asset approach and long-term orientation.

# Respect

All of us are united in a common endeavour, regardless of who we are, where we work or what we do. We respect people as individuals, care for their well-being, and welcome diversity in capability and background. We do not tolerate behaviour that works against the interest of our clients or of GIC.

We stress teamwork within and across departments, and with our clients and business partners. We expect everyone to be free, candid and constructive in their comments and suggestions, and always seek to help our colleagues and GIC do better.

# Integrity Everything we do is founded

on integrity. We expect the highest standards of honesty from everyone in GIC, both in our work and in our personal lives. This includes abiding by the laws of the countries we invest in, and observing our code of ethics in letter and in spirit.

We must never jeopardise the trust others have in us and in our reputation for professionalism.

## the GIC Primer

Our responsibility is to preserve and enhance Singapore's foreign reserves. People and talent are central to what we can do. We believe that the results we seek are best achieved through a culture founded on our five PRIME values of Prudence, Respect, Integrity, Merit and Excellence.

#### Merit

We recruit and develop our people solely on merit.

We draw our talent from around the world and provide challenging and meaningful work. We grant recognition and reward based on performance and conduct consistent with our PRIME values. We develop our people to achieve their potential so that we may also perform to our potential.

We select business partners based on their capability. We believe in long-term relationships built upon high levels of performance and quality of service.

#### Excellence

We are relentless in our pursuit of excellence. In all that we do, we strive to be the best that we can be. This demands that we plan and anticipate well, so that we will always be in time for the future, fully able to take up the challenges and opportunities that come, pursuing improvements where they may be found, and economies where these may be gained.

We expect everyone to do his best in every situation. We harness the creativity and imagination of our people and our business partners for sustainable, superior results.

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# OVERVIEW by the Group President

#### **PERFORMANCE**

The global financial crisis is now behind us. The economic outlook for this year appears more robust than in the recent tumultuous years. But major structural post-crisis problems remain, principally in the developed economies but also with significant effects in the emerging markets. These will take time to work through. GIC takes the uncertainties and unpredictability of the future in its stride. Events like the nuclear crisis at Fukushima and uprisings in the Middle East are a periodic reminder of the potentially destabilising impact of natural disasters and geopolitical and geoeconomic developments in places which could be far removed from the financial markets.

GIC has, since 2008, been publishing the rolling 20-year real and nominal rates of return on the management of the Government of Singapore's portfolio. These underline the long-term perspective in GIC's investment of Singapore's financial reserves, and properly keep the focus on the real returns which are a regular contribution to the Government's annual budget.

Starting this year, GIC is also publishing the 5-year and 10-year nominal rates of return to provide a sense of the ongoing medium-term investment performance, even while GIC maintains its sights on the long term. To offer perspective in assessing the nominal rates of return, we include two composite portfolios for reference and also give volatility statistics to reflect the level of portfolio risk. The details are given in the Investment Report by the Group Chief Investment Officer.

#### **30<sup>TH</sup> ANNIVERSARY**

GIC was founded on 22 May 1981. To celebrate its 30<sup>th</sup> Anniversary, GIC held an Investment Conference and a Celebratory Dinner on 9 May 2011. The Conference featured speakers from business, academia and government who are recognised as global leaders in the fields of finance and investment. The highlight of the Celebratory Dinner was the address by GIC's Founding Chairman Mr Lee Kuan Yew, who spoke of what led to the formation of GIC and of what it would take for GIC to keep doing well.

Mr Lee recounted that "the vision to create GIC was original, bold and forward-looking." He urged GICians to always "remember why GIC is vital to Singapore's national interest. First, Singapore is highly exposed to the vagaries of the global economy. Our national reserves are a buffer or shock absorber for Singapore in downturns like that of 2009. Second, a strong national balance sheet fosters investor confidence and hence enhances the stability of the Singapore dollar. Third, income from our reserves supplements government revenues. To sustain our policy of building the reserves, we need a capable reserve manager like GIC to invest the funds with a long-term orientation and garner good returns."

#### **LEADERSHIP CHANGES**

GIC saw an unusually large number of changes in 2011, both at the Board level and in senior management. Nevertheless, the transition has been smooth due to the availability of well-qualified successors. In the case of senior management, the successors had served as deputies for at least a year. Our Chairman of 30 years, Mr Lee Kuan Yew, retired at the end of May 2011. He played an extensive and critical role in shaping GIC's growth and development since its inception in 1981.

Mr Lee is now our Senior Advisor. We will have the benefit of his vast experience, extensive network of contacts, and geopolitical insights.

Our new Chairman is Mr Lee Hsien Loong, Prime Minister of Singapore. He had been our Deputy Chairman since 1996.

Dr Tony Tan Keng Yam, our Deputy Chairman and Executive Director since 2005, resigned from the GIC Board with effect from 30 June 2011 to be available for public office. He steered GIC through the global financial crisis with a steady hand, keen insight and an unwavering focus on long-term performance.

Mr Teo Chee Hean and Mr Heng Swee Keat joined the GIC Board on 15 December 2010 and 1 June 2011 respectively. Mr Seck Wai Kwong was appointed advisor to the Risk Committee on 20 September 2010. Mr Deepak Parekh was appointed director of GIC Special Investments on 1 March 2011. We thank Mr Otto van der Wyck for his contributions over the last eight years as board director of GIC Special Investments. He retired from the board in December 2010.

Five changes in senior management took effect from 1 July 2011. Mr Lim Chow Kiat, Mr Tay Lim Hock and Mr Goh Kok Huat were respectively appointed President of GIC Asset Management (our public markets investment group), GIC Special Investments (our private equity investment group) and GIC Real Estate (our real estate investment group). Dr Chia Tai Tee and Dr Leslie Teo were appointed Chief Risk Officer and Chief Economist respectively.

Mr Quah Wee Ghee, Dr Teh Kok Peng and Dr Seek Ngee Huat, the former Presidents of the three investment groups, have been appointed chairmen of our India, China and Latin America business groups respectively. GIC will also continue to have access to advice and contacts from Dr Sung Cheng Chih, the former Chief Risk Officer, and Mr Yeoh Lam Keong, the former Chief Economist.

#### **LOOKING AHEAD**

The future is challenging and uncertain, for which Mr Lee Kuan Yew had remarked, "In uncertain times, we must maintain certainty of purpose and thoughtfulness in direction, remaining true to our core values."

Mr Lee outlined the formula for continuing success for GIC:

- hire, develop and retain the best talent led by visionary leaders;
- motivate all staff to pursue excellence, and to avoid complacency;
- maintain the highest reputation;
- have the courage and conviction to take original, bold, strategic and forward-looking decisions;
- make the right decisions thinking in-depth and with foresight for what works best – even if the decisions are at times unconventional; and
- capitalise on global reach, multi-asset class capabilities, and long-term perspective.

With passion, commitment and dedication of GICians, clarity and focus on goals, and sharp execution and delivery on strategies, GIC will be able to continue with good investment returns for the Government and, in that way, contribute to the well-being of Singaporeans.

Lim Siong Guan Group President July 2011

# INVESTMENT REPORT by the Group Chief Investment Officer

#### **PURPOSE OF DISCLOSURE**

In 2008, GIC, with approval from the Government, released the first Report on the Management of the Government's Portfolio for the Year 2007/2008, disclosing our annualised investment returns over the preceding 20 years and actual asset and geographical mix of the portfolio. We wanted to provide more information on how the Government's portfolio was being managed, in light of the Constitutional amendments enabling the Government's budget to draw on a portion of the long-term investment returns.

Beginning with this report, we will also be providing nominal rates of return over 5-year and 10-year periods in addition to the 20-year real and nominal rates of return. These time frames give a good sense of the ongoing performance of the portfolio. However, the primary focus of GIC's investment strategy is to achieve long-term real returns. How much the Government may take into its annual budget is also based on the long-term real returns, not performance over five or ten years.

#### LOOKING AT PERFORMANCE AND RISK OVER DIFFERENT TIME PERIODS

#### 20-Year Return

As a long-term investor, GIC's performance should be measured over a suitably long time horizon. GIC invests across many asset classes, including illiquid asset classes such as real estate and private equity, and adopts strategies that are consistent with our long-term time horizon.

A 20-year period is appropriate as it spans several business cycles and hence encompasses a number of market peaks and troughs. Thus our investment horizon of 20 years is matched by the 20-year annualised real rate of return metric, which is the key focus for GIC. The use of the real rate assures us that the international purchasing power of the reserves is maintained.

#### 5-Year and 10-Year Returns

The 5-year and 10-year rates of return reflect an intermediate measure of GIC's longer term performance because they provide a better representation of the variation in returns over the market cycle.

#### Volatility of Returns

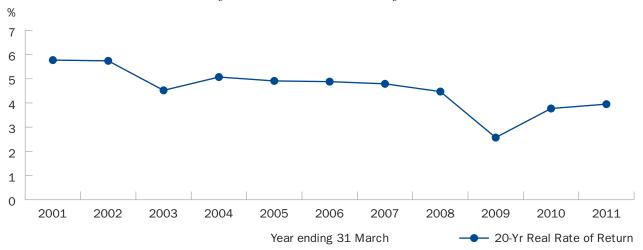
The actual volatility of the portfolio's returns, defined as the annualised standard deviation of monthly returns, gives an indication of the risk that the Government's portfolio experienced over the specific periods of time.

#### **INVESTMENT OBJECTIVE: 20-YEAR REAL RATE OF RETURN**

GIC's mission is to preserve and enhance the international purchasing power of the reserves placed under our management by the Government. The aim is to achieve good long-term returns above global inflation over the investment time horizon of 20 years.

As of the year ended March 2011, the portfolio's 20-year real rate of return, in excess of global inflation was 3.9%. The improvement compared to last year's 20-year annualised real rate of return of 3.8% was due to the continued recovery in the equity markets.

Chart 1: Annualised Rolling 20-Year Real Rate of Return of the Government's Portfolio



#### INVESTMENT REPORT by the Group Chief Investment Officer

Table 1: Performance of Government and Composite Portfolios<sup>1</sup>

NOMINAL RATES OF RETURN IN USD	GOVERNMENT'S	60% GLOBAL EQUITIES:	70% GLOBAL EQUITIES:
FOR PERIOD ENDED 31 MARCH 2011	PORTFOLIO	40% GLOBAL BONDS	30% GLOBAL BONDS
5-YEAR	6.3%	5.3%	4.9%
10-YEAR	7.4%	6.5%	6.3%
20-YEAR	7.2%	7.6%	7.6%

#### **NOMINAL RATES OF RETURN**

Table 1 shows the portfolio's nominal rates of return over the 5-year, 10-year and 20-year periods in USD terms.

We have included two composite portfolios for reference. The first is a portfolio comprising 60% global equities and 40% global bonds (60:40 global portfolio) and the second, a portfolio comprising 70% global equities and 30% global bonds (70:30 global portfolio).

The rates of return of the composite portfolios are computed from two indices – the MSCI All Countries Gross Total Return Index for global equities and the Barclays Global Bonds Aggregate Index for global bonds. These composite portfolios are generally accepted as being representative of the strategic asset allocation of large institutional investors such as pension and sovereign wealth funds. They are included to provide perspective on GIC's performance. However, it should be noted that the nominal rates of return on the 60:40 and 70:30 global portfolios are not benchmarks that drive GIC's investments.

The 5-year period (April 2006 to March 2011) covers the global financial crisis in 2008 and 2009, as well as the subsequent recovery in 2010. The Government's portfolio suffered a loss during the crisis in line with global market declines, but has since fully recovered the loss. The portfolio's performance over the period has also been somewhat better than the composite portfolios.

The 10-year period (April 2001 to March 2011) covers the global financial crisis as well as the tail end of the technology bubble at the start of the earlier decade. The Government's portfolio gave a higher rate of return than the composite portfolios during this 10-year period.

Over the 20-year period, the Government's portfolio rate of return was slightly lower than that for the composite portfolios. The lower rate of return of the Government's portfolio compared to the composite portfolios reflected the returns earned in the earlier decade (April 1991 to March 2001). During that period, the Government's portfolio was managed on a conservative basis; it had a significantly higher proportion of cash and bonds, which earned lower returns than equities<sup>2</sup>. Over the 20-year period as a whole, annualised volatility for the Government's portfolio was 8.8%, lower than the volatility of 10.0% for the 60:40 global portfolio and 11.3% for the 70:30 global portfolio. See Table 2 for the volatility data corresponding to the relevant timeframes.

<sup>&</sup>lt;sup>1</sup> The Government's portfolio rates of return are net of costs and fees incurred in the management of the portfolio. However, the composite portfolio rates of return are provided on a gross basis, that is, without adjustment for costs and fees.

<sup>&</sup>lt;sup>2</sup> Global equities as measured by the MSCI All Countries Gross Total Return Index gave 9.5% return in USD terms over the 10 years (April 1991 to March 2001) while global bonds as measured by Barclays Global Bonds Aggregate Index delivered a 6.9% return in USD terms over the same period.

Table 2: Annualised Volatility of Government and Composite Portfolios

ANNUALISED VOLATILITY FOR	GOVERNMENT'S	60% GLOBAL EQUITIES:	70% GLOBAL EQUITIES:
PERIOD ENDED 31 MARCH 2011	PORTFOLIO	40% GLOBAL BONDS	30% GLOBAL BONDS
5-YEAR	12.0%	13.4%	15.0%
10-YEAR	10.0%	11.2%	12.6%
20-YEAR	8.8%	10.0%	11.3%

#### **ASSET MIX**

The significant change during the year was a further 5% shift into emerging market equities from developed market equities. Other asset allocation changes were minor or technical in nature. The actual asset class distribution of the portfolio as of 31 March 2011 was as follows:

		31 MAR	CH 2011	31 MAR	CH 2010
		%	%	%	%
PUBLIC EQUITIES	Developed Markets	34	49	41	51
	Emerging Markets	15		10	
FIXED INCOME	Nominal Bonds	20	22	17	20
	Inflation-Linked Bonds	2		3	
ALTERNATIVES	Real Estate	10	26	9	25
	Private Equity & Infrastructure	10		10	
	Absolute Return Strategies	3		3	
	Natural Resources	3		3	
CASH & OTHERS		3	3	4	4
TOTAL		100	100	100	100

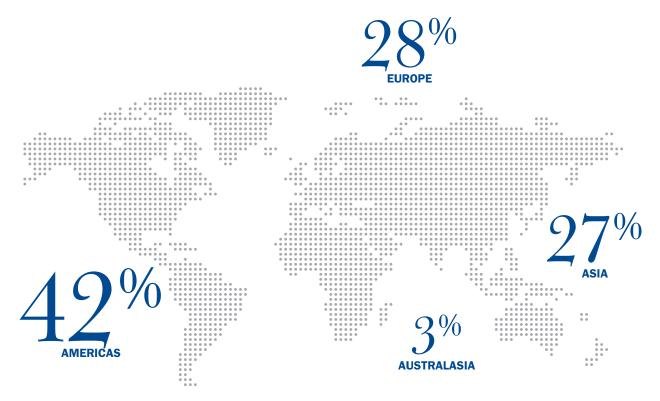
### INVESTMENT REPORT by the Group Chief Investment Officer

#### **GEOGRAPHICAL DISTRIBUTION**

The main changes were the increase in exposure to Asia and Latin America and the reduction in exposure to the United States and Europe. These changes largely resulted from the asset allocation shift to emerging market equities from developed market equities. The geographical distribution of the portfolio as of 31 March 2011 was as follows:

		31 MAR	CH 2011	31 MARC	CH 2010
		%	%	%	%
AMERICAS	United States	33	42	36	43
	Latin America	4		2	
	Others	5		5	
EUROPE	United Kingdom	9	28	8	30
	Eurozone	12		16	
	Others	7		6	
ASIA	Japan	11	27	11	24
	North Asia *	12		10	
	Others	4		3	
AUSTRALASIA		3	3	3	3
TOTAL		100	100	100	100

<sup>\*</sup> China, Hong Kong, South Korea and Taiwan



#### **INVESTMENT OUTLOOK AND STRATEGY**

The future economic and investment environment is challenging. The developed economies, in particular the United States and Europe, are recovering from the global financial crisis. However their longer term outlook is still uncertain and carries considerable macro financial and economic risks. While the emerging economies in Asia and Latin America are growing strongly, their policy makers face challenges in restraining inflationary pressure and currency appreciation.

GIC responded to this changing environment in several ways. First, we further increased our investments in the emerging market economies on the strength of their potentially higher returns and improved macroeconomic fundamentals. Second, we expanded our investment opportunity set in terms of countries and the range of investment instruments. Third, our investment managers have steadfastly been investing with a long-term perspective, seeking investments with good fundamental long-term value. Finally, we introduced more flexibility in our strategic portfolio to respond more nimbly to significant shocks and market discontinuity.

Ng Kok Song

**Group Chief Investment Officer** 



# MANAGING the Portfolio

GIC's mission is to preserve and enhance the international purchasing power of the reserves placed under our management by the Government. The aim is to achieve good longterm returns above global inflation over the investment time horizon of 20 years.

The GIC Board decides on a policy portfolio which specifies the allocation of funds to eligible asset classes. GIC investment professionals seek to add value, and may deviate from the policy portfolio within pre-determined operating ranges, to achieve higher risk-adjusted returns.

## MANAGING the Portfolio

#### **INTRODUCTION**

The anchor of GIC's investment activities is the policy portfolio. It defines the asset classes that GIC invests in, and how it allocates funds to these asset classes. The purpose is to meet the investment return objective within the risk tolerance determined by the Government as owner of the funds.

The policy portfolio is the result of both quantitative analysis and judgment. Quantitative analysis of historical data generates an initial set of assumptions for key variables such as the expected long-term return and risk of various asset classes and their correlations with one another. These assumptions must then be evaluated qualitatively. They are adjusted for perceived structural changes in the global environment and capital market behaviour, taking into account operating constraints such as liquidity and market capacity, as well as the probability of extreme risk events. The portfolio is then stress-tested to ensure it complies with the risk parameters that have been set out.

The aim is to optimise distribution of investment funds to the asset classes. Operating ranges are specified to accommodate acceptable deviations arising from short and medium-term volatility and technical causes, and to give management some latitude to operate tactically in response to changes in market conditions.

#### **MANAGING PERFORMANCE**

The investment process starts with the design of the policy portfolio. Under the direction of the group chief investment officer, staff from the economics and investment strategy department undertake the analyses and groundwork. Their recommendations are presented to and discussed with the Board investment strategies committee. Once endorsed, these recommendations are submitted to the Board for approval. The policy portfolio is kept under review but is not changed frequently.

Managers are fully accountable for the performance of their portfolios. Their decisions must comply with prescribed guidelines and limits to ensure that they keep within the Investment Mandate. As an investment management company, we evaluate our performance in three ways: whether we achieve a reasonable rate of return above global inflation for the total portfolio; how each investment professional or team performs against specific market benchmarks or absolute return targets; and how our managers' results compare with those of their peers in the industry.

#### Implementation

GIC's investment professionals implement a diverse policy portfolio, translating asset class allocations into investments across public markets, real estate, private equity and infrastructure.

GIC manages a diversified portfolio in more than 40 countries. While we are open to investing in all countries outside Singapore, we do not invest in those the United Nations Security Council has imposed sanctions against. We also exercise ownership rights in the investments, where appropriate, to protect the financial interests of the assets under our management.

#### **Public Markets**

GIC invests in publicly-traded markets, including public equities in both developed and emerging markets, fixed income, natural resources, absolute return strategies (hedge funds), cash and currencies. We manage a well-diversified portfolio to produce superior risk-adjusted performance.

Equities and fixed income make up the bulk of the portfolio's investments in public markets. In equity investing, an established team of in-house research analysts and experienced portfolio managers has developed a comprehensive network of corporate and industry contacts. In managing fixed income investments, portfolio managers employ different investment strategies spanning yield curve analysis, credit, interest-rate duration and currency management, to add value to the portfolio.

In public markets, our investment decisions are based on an assessment of fundamentals consistent with the portfolio's long-term orientation.

Decentralised risk ownership, robust risk management and specialisation, with clear accountability at every level, characterise the investment process. The aim is to ensure that the risks taken are consistent with investment goals. A risk budgeting discipline allocates capital to investment professionals according to their track record of securing good returns from higher-risk investments. The budget is monitored continuously to ensure risk is properly diversified and managed.

We evaluate the performance of our investment professionals against relevant market benchmarks such as the MSCI and Barclays Capital Global Aggregate Bond indices.

#### Real Estate

GIC manages investments covering traditional private real estate (such as brick-and-mortar assets), public equities (such as real estate operating companies), real estate investment trusts and real estate-related debt instruments. The real estate assets span multiple property sectors, including office, retail, residential, industrial and hospitality.

The approach is governed by guidelines covering countries and regions, property asset types and sectors to ensure the portfolio meets both investment and risk objectives. Asset specific conditions and risks are among the factors that influence investment decisions. In this team-based approach, an appropriate range of real estate and capital market skills is applied to each investment.

Assets are actively managed to generate income and enhance market value through tenant management, market positioning, leasing and capital improvements.

#### Private Equity

GIC's private equity universe includes buyouts, venture capital and special situations such as mezzanine debt, distressed debt and secondary fund investments. We invest both through funds and directly into companies. The strategy is to identify and invest with leading private equity and venture capital funds globally, and grow with them in the long term. The direct investment programme focuses on taking minority equity positions as well as providing mezzanine financing in buyouts.

The investment teams add value to the boards and management of the investee companies by providing advice and access to a global network of business links.

#### Infrastructure

For the infrastructure portfolio, GIC's interests include user demand assets such as airports, seaports and highways, regulated assets such as those in water and power distribution, and competitive assets such as power plants. Our primary strategy is to invest directly in operating assets with a high degree of cash flow visibility and which provide a hedge against inflation. These include mature, low to moderate risk assets in developed markets, complemented by investments with higher growth potential in developing markets.

#### **External Managers**

We invest in a variety of funds managed by external fund management institutions, including real estate funds, private equity funds, bond funds, index funds and hedge funds. In addition to the portfolios managed within GIC, we place out discretionary mandates to external fund managers in a wide range of asset classes such as global fixed income and global equities. Some external managers are chosen for their ability to exploit investment opportunities beyond GIC's current skill sets and to complement our internal management capability.

While external managers are responsible for their mandates, GIC remains fully accountable for the overall performance of the portfolio. We continuously assess them relative to expected returns, risks and guidelines.

#### MANAGING the Portfolio

#### **MANAGING RISK**

Identifying and managing risk is a clear and integral part of management responsibility at all levels in GIC. The risk management framework sets the accountability and responsibility parameters for risk-taking. In addition to the Board and its risk committee, different bodies and groups are specifically charged with the task of identifying, analysing, monitoring, reporting and on-the-ground managing of risks.

Our approach to risk management is three-pronged: managing portfolio risk to ensure appropriate and efficient risk-taking; managing process risk so that investment decisions are implemented well; and managing people risk.

#### Managing Portfolio Risk

The Board approves the operating bands for asset classes within risk parameters specified by the Government. The operating bands are aimed at containing portfolio volatility that may arise from policy portfolio deviations, tactical decisions and market movements. A group-wide investment authorisation framework ensures that GIC invests within the policy portfolio and operating bands.

The risk and performance management department independently sets and monitors performance and risk review thresholds to ensure that risk is properly diversified and managed. Information systems are utilised to monitor and evaluate risk criteria, relevant trading limits and investment guidelines within each managed portfolio. These systems allow for both pre-trade and post-trade compliance checking. Portfolio managers and senior management use performance and risk attribution tools to derive timely feedback. Stress tests are conducted on a variety of scenarios to determine how potential changes in market

conditions or the occurrence of risk events may impact the portfolio. Investment and operations teams also work closely with the legal and compliance department to manage legal and regulatory compliance risks arising from the group's investment activities.

GIC adopts a risk budgeting discipline for public market asset classes to construct an efficient portfolio of active investment strategies. Risk capital is allocated to investment strategies according to the track records of the portfolio managers and their potential to generate risk-adjusted returns.

For private market asset classes, investment teams conduct extensive due diligence covering the market, physical, legal and financial aspects of the transactions, the selection of investment partners, holding structures to be used, and exit strategies. They manage the measurement and operational risks associated with the performance of private market assets via operational and financial controls.

#### Managing Process Risk

All investment and operations staff are required to identify, evaluate, manage and report risks in their own areas of responsibility, and comply with established risk policies, guidelines, limits and procedures.

New investment products or strategies are subject to a risk identification and assessment process conducted by a cross-functional group. This ensures that risks associated with the new product or activity are identified and analysed prior to the undertaking of the new investment. Part of this process is ensuring that the required people and infrastructure such as systems, procedures and controls, are in place to manage these risks.

GIC adopts a strong control orientation in managing counterparty credit risks, trading only with financially sound and reputable counterparties. A stringent selection and approval process is in place to appoint counterparties. We monitor our counterparty exposure against set limits and report counterparty profiles to senior management regularly. Other measures to mitigate credit risk include using netting agreements and programmes requiring counterparties to pledge collateral.

We continuously monitor a set of key risk indicators pertinent to our business, in order to manage risk of loss resulting from possible slippages in GIC's operations. Indicators such as late transaction processing, late report releases, stale prices and system downtime highlight potential risk areas to be addressed in a timely manner.

Our business continuity plan is tested and reviewed regularly to ensure that our procedures and infrastructure can support operations should there be a business disruption. This enhances corporate resilience and safeguards the group's operations.

Throughout the year, internal and external auditors scrutinise all operations and business processes. The deficiencies identified are required to be addressed within agreed time frames and reported to senior management.

#### Managing People Risk

Consistent with our long-term orientation, GIC's remuneration policies and practices support and reinforce a culture of prudence in risk-taking, and recognise and reward our people on the basis of sustainable results.

We require our staff to observe GIC's code of ethics, maintain exemplary conduct, and comply with laws and regulations, including prohibitions against insider trading and other unlawful market conduct. These are among the guidelines set out in our compliance manual maintained by the legal and compliance department. Staff must protect confidential information and handle material non-public information with due care. The manual also states policies relating to the management of conflicts of interest, gifts and entertainment, copyright rules, personal investments and whistle-blowing.

We provide regular training to all staff to keep them current with compliance requirements. Staff also receive training on exchange regulations relevant to their responsibilities.

People are at the heart of our business. Our PRIME values are the compass in our management of the people, process and portfolio. This is the reason these values are part of our staff appraisals.



# **GOVERNANCE**

The Ministry of Finance, representing the Government, sets the investment objective, risk parameters and investment horizon for the portfolio. It ensures that a competent board of directors is in place.

The Board assumes ultimate responsibility for asset allocation and the performance of the portfolio. The management executes investment strategies, is responsible for all investment transactions and reports regularly to the Board and the Government.

## **GOVERNANCE**

#### **INTRODUCTION**

GIC was incorporated in 1981 under the Singapore Companies Act and is wholly owned by the Government of Singapore. It was set up with the sole purpose of managing Singapore's foreign reserves. GIC invests well over US\$100 billion internationally in a wide range of asset classes and instruments. As a rule, GIC invests outside Singapore.

#### **SOURCE AND PURPOSE OF FUNDS**

Sustained balance of payments surpluses and accumulated national savings are the fundamental sources of the Singapore Government's funds. The portfolio has grown as a result of good investment returns.

With no natural resources to keep the country going in times of crisis or severe economic dislocation, these reserves are a nest egg, a safeguard against unforeseen circumstances, and a means to mitigate shocks that may hit Singapore's small and open economy. The reserves also provide a stream of returns that can be spent or invested for the benefit of present and future generations of Singaporeans. The Government is allowed to spend part of the investment returns on its reserves. GIC's mission is thus to preserve and enhance the purchasing power of these reserves.

The Constitution of Singapore stipulates a spending rule that determines how much of the investment returns on its reserves the Government can spend. The spending rule allows up to 50% of the long-term expected real return on the reserves managed by GIC and those owned by the Monetary Authority of Singapore, to be taken into the Government's annual budget.

#### **THE GOVERNMENT**

An Investment Mandate from the Government to GIC sets out the terms of appointment, investment objectives, investment horizon, risk parameters and investment guidelines for managing the portfolio. The Government, which is represented by the Ministry of Finance in its dealings with GIC, neither directs nor interferes in the company's investment decisions. It holds the GIC Board accountable for the overall portfolio performance.

GIC provides monthly and quarterly reports to the Accountant-General of Singapore. These reports list the investment transactions executed, as well as the holdings, bank accounts and balances. The reports provide detailed performance and risk analytics as well as the distribution of the portfolio by asset class, country and currency. Once a year, the management formally meets the Minister for Finance and his officials to report on the risk and performance of the portfolio in the preceding financial year.

#### THE PRESIDENT OF SINGAPORE

Since 1991, the Constitution of Singapore has provided for the President of Singapore to be elected directly by Singaporeans every six years and to exercise discretionary powers to protect the reserves not accumulated by a government during its current term of office. Singapore's President is independent of the Government and must not be a member of any political party. This system aims to ensure that the government of the day cannot spend more than what it has earned during its term of office, or draw on past reserves, without the approval of the President. GIC is accountable in various key areas to the President of Singapore as a Fifth Schedule company. The Constitution empowers him to obtain information to enable him to safeguard the country's reserves. No one may be appointed to or removed from the GIC Board without his concurrence. This additional layer of control ensures that the company appoints only people of integrity who are competent and who can be trusted to safeguard these assets.

#### THE AUDITOR-GENERAL OF SINGAPORE

The Auditor-General, who is appointed by the President of Singapore, submits an annual report to the President and Parliament on his audit of the Government and other bodies managing public funds. In addition to being audited by GIC's internal audit, the main companies in the GIC group and the Government's portfolio managed by GIC are independently audited by the Auditor-General of Singapore. Other companies in the group and the investment holding companies are audited by public accounting firms.

#### **THE GIC BOARD**

The Board is ultimately responsible for asset allocation and for the performance of the portfolio under management. It is accountable to the Government for the effective management of the reserves in accordance with the Investment Mandate. The Board meets at least twice a year.

#### **BOARD COMMITTEES**

Board committees oversee three critical areas: investment policy, risk and staff remuneration. External advisors with global experience in the investment industry serve on the investment strategies and risk committees to provide external perspectives and ideas from their areas of expertise.

#### **Investment Strategies Committee**

The investment strategies committee meets regularly to review and critically evaluate management's recommendations on asset allocation and new asset classes before the proposed changes are presented to the Board for approval. The management reports to this committee on the performance of the portfolio. The committee does not decide on specific deals or how policies should be implemented.

#### Risk Committee

The risk committee advises the Board on risk matters and provides broad supervision on the effectiveness of risk management policies and practices. It reviews GIC's risk profile as well as significant risk issues arising from operations and investments.

#### **Human Resource and Compensation Committee**

The human resource and compensation committee evaluates and approves GIC's compensation policies for the group and senior management, and succession planning for key man appointments.

#### **BOARDS OF ASSET MANAGEMENT COMPANIES**

All three asset management companies are wholly-owned subsidiaries responsible for investing the portfolio within the guidelines set out in the Investment Mandate. Their boards, which meet at least twice a year, oversee investment strategies of the asset classes under management and review operations of the companies within group-wide policies.

#### **GIC MANAGEMENT**

The management structure is relatively flat, with clear reporting lines and accountability.

#### **Group Executive Committee**

The group executive committee, the highest management body in GIC, brings together the group's functional and investment heads. It deliberates on management proposals for investment and risk issues before these are submitted to the relevant board committees and the GIC Board. This committee also reviews and approves major personnel and business policies that apply to the entire group.

#### **Group Management Committee**

The group management committee oversees organizational development, business and personnel matters including succession planning, talent development, compensation and performance management processes.

#### **Group Investment Committee**

The group investment committee oversees and coordinates the investment activities of the group. It focuses on changes to asset allocation and reviews the risk and performance of the various asset classes. It studies business and investment initiatives, develops broad investment strategies, and deploys the teams with the appropriate investment skills to implement these strategies.

#### **Group Risk Committee**

The group risk committee guides and oversees the development and implementation of risk management policies and practices. This forum allows members across the group to identify and assess strategic risk management issues that carry major implications for the company's investment strategies and operations. Issues are referred, where necessary, to the group executive committee. The committee is the umbrella body for in-house risk review and control panels such as the operational risk, credit risk, IT risk and regulatory compliance committees, and the compliance review panel. It also provides inputs on legal and regulatory compliance and business continuity matters.

# BOARDS of the GIC Group

Government of Singapore Investment Corporation Board of Directors

**CHAIRMAN Lee Kuan Yew** 

(resigned 31 May 2011) **Lee Hsien Loong** 

(appointed 1 June 2011)

**DEPUTY CHAIRMAN &** EXECUTIVE DIRECTOR

Dr Tony Tan Keng Yam (resigned 30 June 2011)

**DIRECTORS** 

**Lim Hng Kiang** Tharman **Shanmugaratnam** 

**Teo Chee Hean** 

(appointed 15 December 2010)

**Heng Swee Keat** 

(appointed 1 June 2011)

Dr Richard Hu Tsu Tau **Ang Kong Hua** 

**Peter Seah Lim Huat Chew Choon Seng** 

Raymond **Lim** Siang Keat

**Lim Siong Guan** Ng Kok Song

Dr Teh Kok Peng

(resigned 30 June 2011) **Dr Seek Ngee Huat** 

(resigned 30 June 2011)

**Quah Wee Ghee** (resigned 30 June 2011) SENIOR ADVISOR

**Lee Kuan Yew** 

(appointed 1 June 2011)

ADVISORS TO THE BOARD

**COMMITTEES** 

**Sir Howard J Davies Dr Martin L Leibowitz G** Leonard Baker Jr **Seck Wai Kwong** 

(appointed 20 September 2010)

**ADVISORS EMERITUS** 

**Dr Charles D Ellis Dr Robert B Litterman** 

GIC Asset Management Board of Directors

**CHAIRMAN Lim Siong Guan** 

**DIRECTORS** 

Ng Kok Song **Quah Wee Ghee**  Vivien Chen Vui Wen **Lim Chow Kiat** (appointed 1 July 2011)

GIC Real Estate **Board of Directors**  **CHAIRMAN** 

Dr Tony Tan Keng Yam

(resigned 30 June 2011)

**Lim Hng Kiang** 

(appointed acting chairman

1 July 2011)

DIRECTORS

Léon Bressler Steven J Green **Lim Siong Guan** 

Ng Kok Song

Dr Seek Ngee Huat **Goh Kok Huat** (appointed 1 July 2011)

GIC Special Investments Board of Directors

**CHAIRMAN** 

Dr Tony Tan Keng Yam

(resigned 30 June 2011)

**Ang Kong Hua** 

(appointed acting chairman

1 July 2011)

**DIRECTORS** 

Peter Seah Lim Huat **G** Leonard Baker Jr

Jonkheer Otto van der Wyck (resigned 15 December 2010)

Deepak Parekh

(appointed 1 March 2011)

**Lim Siong Guan** Ng Kok Song Dr Teh Kok Peng **Tay Lim Hock** 

(appointed 1 July 2011)

## **GROUP** Committees

Group	Executive
Comm	ittee

# CHAIRMAN <u>Lim</u> Siong Guan Group President

#### DEPUTY CHAIRMAN

Ng Kok Song
Group Chief Investment
Officer

#### **MEMBERS**

Lim Chow Kiat, President, GIC Asset Management
Tay Lim Hock, President, GIC Special Investments
Goh Kok Huat, President, GIC Real Estate
Vivien Chen Vui Wen, Chief Administrative Officer
Dr Chia Tai Tee, Chief Risk Officer
Aje Saigal, Director, Economics and Investment Strategy

#### **ADVISORS**

Quah Wee Ghee Dr <u>Teh</u> Kok Peng Dr <u>Seek</u> Ngee Huat

#### Group Management Committee

# CHAIRMAN <u>Lim</u> Siong Guan Group President

#### **MEMBERS**

Ng Kok Song, Group Chief Investment Officer
Lim Chow Kiat, President, GIC Asset Management
Tay Lim Hock, President, GIC Special Investments
Goh Kok Huat, President, GIC Real Estate
Vivien Chen Vui Wen, Chief Administrative Officer
Dr Chia Tai Tee, Chief Risk Officer

#### Group Investment Committee

# CHAIRMAN Ng Kok Song Group Chief Investment

Officer

#### **MEMBERS**

Lim Chow Kiat, President, GIC Asset Management

Tay Lim Hock, President, GIC Special Investments

Goh Kok Huat, President, GIC Real Estate

Aje Saigal, Director, Economics and Investment Strategy

Aje <u>Saigal</u>, Director, Economics and Investment Strategy <u>Lim</u> **Kee Chong**, Deputy President, GIC Asset Management

#### Group Risk Committee

# CHAIRMAN **Dr Chia Tai Tee**Chief Risk Officer

#### **MEMBERS**

Chua Lee Ming, General Counsel

Dr Leslie Teo Eng Sipp, Chief Economist

Kwok Wai Kenng Global Head Asset Ma

Kwok Wai Keong, Global Head, Asset Management,

Real Estate

Ng Kin Sze, Global Head, Portfolio, Strategy & Risk,

Special Investments

Ong Hian Leong, Director, Technology

**Joyce <u>Tan</u> Siew Pheng,** Director, Investment Operations

Deanna Ong Aun Nee, Director, Finance

Pang Wai Yin, Director, Risk and Performance Management

<u>Choy</u> Siew Kai, Head, Investment Services, Equities <u>Leong</u> Wing Kwan, Head, Portfolio Analysis &

Investment Services, Fixed Income

# **ORGANIZATIONAL** Structure

#### Corporate Headquarters

Dr Chia Tai Tee

Chief Risk Officer

Pang Wai Yin

Risk & Performance Management

**Wong Wei** 

Internal Audit

Aje Saigal

Economics & Investment Strategy

Dr Leslie Teo Eng Sipp

**Chief Economist** 

Vivien Chen Vui Wen

**Chief Administrative Officer** 

**Tan** Chor Hwa

Administration & Personnel

Deanna Ong Aun Nee

Finance

Joyce Tan Siew Pheng

**Investment Operations** 

**Chua** Lee Ming

Legal & Compliance

Ong Hian Leong

Technology

# Board of Directors Lim Siong Guan Group President Ng Kok Song Group Chief Investment Officer

#### Board Committees

Investment Strategies Committee

**Risk Committee** 

Human Resource & Compensation Committee

#### **Investment Groups**

Public Markets

**Lim** Chow Kiat

President

**Lim Kee Chong** 

**Deputy President** 

Equities

Richard Chan Hiang Ngee

Asia Pacific Equities

**Chen Soon Bin** 

Emerging Markets Non-Asia Equities

Natural Resources

Adelene Tan Mui Li

External Managers

**Tung Siew Hoong** 

Fixed Income

Wee Ai Ning

Treasury & Currency Management Real Estate

**Goh** Kok Huat

President

**Kwok** Wai Keong

Asset Management

Michael Carp

Investments (Global & Americas)

**Christopher Morrish** 

Investments (Europe)

**David Dickinson** 

Research & Strategic Planning

Special Investments

**Tay Lim Hock** 

President

**Ang Eng Seng** 

Direct Investments
Infrastructure

Kunnasagaran Chinniah

Ng Kin Sze

Portfolio, Strategy & Risk

Anthony Lim Weng Kin

Overseas Offices

President (Americas)

Dr Jeffrey Jaensubhakij

President (Europe)

Liu Dong

Beijing Office

**Kishore Gotety** 

Mumbai Office

Kim Chang Hee

Seoul Office

<u>Sun</u> Jianjun

Shanghai Office

Ken Chan Chien-Wei

Tokyo Office



# OUR People

Headquartered in Singapore, GIC is a global organization with offices in nine cities worldwide and an international talent pool.

# OUR People

#### **GLOBAL TALENT**

GIC has over 1,000 employees who manage our investments in more than 40 countries from our offices across nine cities. Our investment professionals come from more than 30 countries.

Many senior management members have been associated with GIC for more than 20 years. GIC's talent pool includes many accomplished industry professionals.

#### **MANAGING DIRECTORS**

Managing directors are the core group of leaders in GIC and represent the highest professional grade. They are senior professionals respected for their competence in their respective fields and possess the ability and willingness to drive group-wide initiatives that contribute to GIC's total business and performance. Four new managing directors were appointed in 2011, namely, Chan Chun Hong, Choo Yong Cheen, Mayukh Mitter and Leslie Teo Eng Sipp.

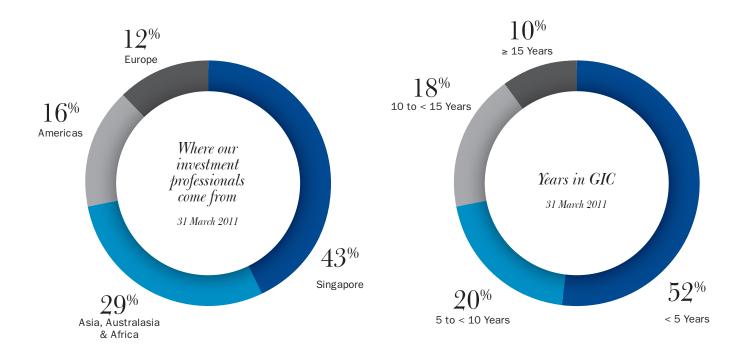
#### ORGANIZATIONAL EXCELLENCE AND DEVELOPMENT

GIC focuses on the PRIME values of Prudence, Respect, Integrity, Merit, and Excellence as central to our quest for sustained success with a high reputation for professionalism, trustworthiness and expertise.

We empower our employees to give their best by committing resources and infrastructure to support them, and by investing in their learning and career development. We have in place formal platforms for GlCians to drive change, innovation and efficiency. Employees initiate new ideas through these platforms, and are equipped with tools and methods that enable them to pinpoint issues, debate ideas, and collaborate with their colleagues to arrive at innovative solutions.

The GIC School works in partnership with GICians to facilitate continuous learning. It customises training programmes for every level of staff and facilitates self-guided learning communities across GIC offices globally.

The GIC Recreation Club, managed by employees, promotes bonding through social activities, sports and games. The club also engenders a spirit of public service by reaching out to the less privileged. From 2010 to 2011, GlCians readily participated in more than 30 community service projects worldwide as part of GIC's 30th anniversary celebrations.



# MANAGING DIRECTORS of GIC

#### **Ang Eng Seng**

Global Head, Direct Investments Group, Special Investments Global Head, Infrastructure Group, Special Investments

#### **Eugene Boehringer**

Head, Fixed Income (Americas)

#### **Michael Carp**

Head, Investments (Global & Americas), Real Estate

#### **Chan Chun Hong**

Portfolio Manager, Strategic Cross-Asset Investment

#### Richard Chan Hiang Ngee

Head, Asia Pacific Equities

#### **Chan Hoe Yin**

Deputy Director, Investment Operations

#### **Chen Soon Bin**

Head, Emerging Markets Non-Asia Equities Head, Natural Resources Group

#### Vivien Chen Vui Wen

Chief Administrative Officer

#### **Chia** Tai Tee

Chief Risk Officer

#### Kunnasagaran Chinniah

Global Head, Portfolio, Strategy & Risk Group, Special Investments

#### **Choo** Yong Cheen

Head, Funds & Co-Investments Group (Asia/Emerging Markets), Special Investments

#### **Choy Siew Kai**

Head, Investment Services, Equities

#### **Chua** Lee Ming

**General Counsel** 

#### **David Dickinson**

Global Head, Research & Strategic Planning, Real Estate

#### **Goh Kok Huat**

President, Real Estate

#### **Kent Goodwin**

Head, Portfolio Management (Americas), Real Estate

#### **Ho Nyuk Chong**

Co-Head, Asset Management (Asia), Real Estate

#### Wan Hamdan Ismail

Head, Asian Equities Research

#### Jeffrey Jaensubhakij

President, Europe

#### **Kwok Wai Keong**

Global Head, Asset Management, Real Estate

#### **Leong Wing Kwan**

Head, Portfolio Analysis & Investment Services, Fixed Income

#### **Lim Chow Kiat**

President, Asset Management

#### **Lim** Kee Chong

Deputy President, Asset Management Director, Equities

#### **Lim** Siong Guan

**Group President** 

#### Anthony Lim Weng Kin

President, Americas

#### Mayukh Mitter

Head, Direct Investments Group (Asia excl. Greater China), Special Investments

#### Tia Miyamoto

Head, Investments (Americas), Real Estate

#### **Christopher Morrish**

Regional Head, Investments (Europe), Real Estate

#### Ng Kin Sze

Global Head, Portfolio, Strategy & Risk Group, Special Investments

#### Ng Kok Song

**Group Chief Investment Officer** 

#### Deanna Ong Aun Nee

Director, Finance

#### Ong Hian Leong

Director, Technology

#### Pang Wai Yin

Director, Risk & Performance Management

#### Bernard Phang Sin Min

Head, Investments (Europe), Real Estate

#### Aje <u>Saigal</u>

Director, Economics & Investment Strategy

#### Michael Simcock

Head, Fixed Income (Europe)

#### **Soong Hee Sang**

Co-Head, Asset Management (Asia), Real Estate

#### **Tan Chor Hwa**

Director, Administration & Personnel

#### Adelene Tan Mui Li

Head, External Managers

#### Joyce Tan Siew Pheng

Director, Investment Operations

#### **Tay Lim Hock**

President, Special Investments

#### Leslie Teo Eng Sipp

**Chief Economist** 

#### **Tung Siew Hoong**

Head, Fixed Income

#### **Wong Wei**

Director, Internal Audit

#### Eugene Wong Yau Kee

Global Head, Funds & Co-Investments Group, Special Investments

#### **Woo Tuck Kan**

Portfolio Manager, Equities

# OUR Offices

