



Commerzbank AG Volatility Target Strategy Index

Investment linked to the World's Growth Engine - China



Contents

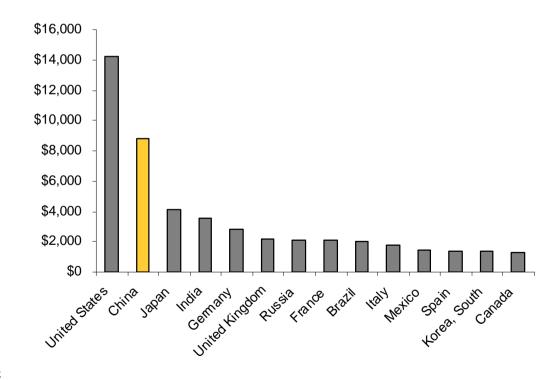
- 1. Introduction: China Economy Overview
- 2. Introduction: China International Trade
- 3. Introduction: China Foreign Reserve
- 4. Introduction: China Some Facts About China
- 5. Introduction: Hang Seng China Enterprises Index
- 6. Introduction: Hang Seng China Enterprises Index Composition
- 7. Historical Performances of Different Markets
- 8. HSCEI Bullish Period
- 9. HSCEI Bearish Period
- 10. Buying Protection Is Expensive Due To High Volatility
- 11. Investment Rationale
- 12. Volatility Target Strategy Mechanism
- 13. Volatility Target Strategy Scenario (Bullish Market)
- 14. Volatility Target Strategy Scenario (Bearish Market)
- 15. Historical Volatility Target Strategy with Different Target Volatility Levels
- 16. Commerzbank Volatility Target Strategy Index Linked to HSCEI
- 17. Disclaimer & Contact Slide



Introduction: China – Economy Overview

China's economy during the past 30 years has changed from a centrally planned system that was largely closed to international trade to a more market-oriented economy that has a rapidly growing private sector and is a major player in the global economy.

Global Economy (GDP, Billion USD, 2009 est.)



Source: CIA The World Factbook



Introduction: China – Economy Overview

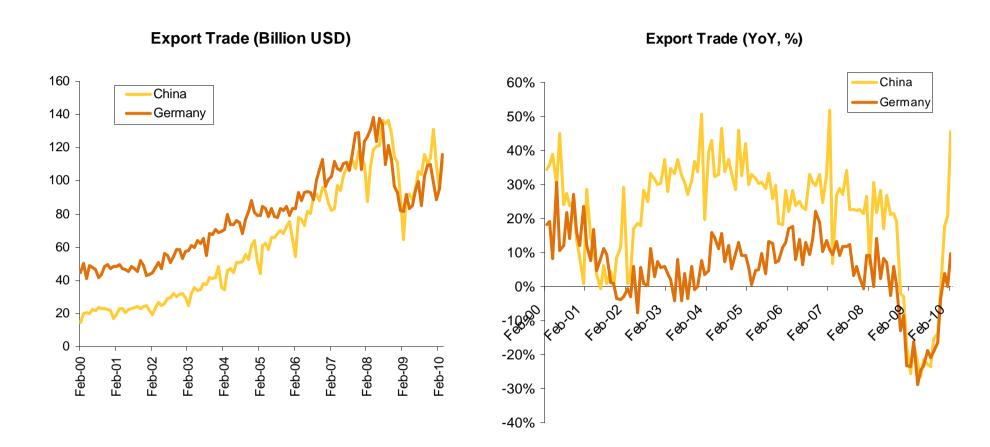
Overview of the World Economic Outlook Projections

		Year ov	ver Year		Q4 o\	/er Q4
			Projec	ctions	Proje	ctions
	2008	2009	2010	2011	2010	2011
World Output	3.0%	-0.6%	4.2%	4.3%	3.9%	4.5%
China	9.6%	8.7%	10.0%	9.9%	9.4%	10.1%
Advanced Economies	0.5%	-3.2%	2.3%	2.4%	2.2%	2.5%
United States	0.4%	-2.4%	3.1%	2.6%	2.8%	2.4%
Euro Area	0.6%	-4.1%	1.0%	1.5%	1.2%	1.8%
Germany	1.2%	-5.0%	1.2%	1.7%	1.2%	2.1%
France	0.3%	-2.2%	1.5%	1.8%	1.5%	1.9%
Italy	-1.3%	-5.0%	0.8%	1.2%	1.4%	1.3%
Spain	0.9%	-3.6%	-0.4%	0.9%	-0.1%	1.8%
Japan	-1.2%	-5.2%	1.9%	2.0%	1.6%	2.3%
U.K.	0.5%	-4.9%	1.3%	2.5%	2.3%	2.6%
Canada	0.4%	-2.6%	3.1%	3.2%	3.4%	3.3%

Source: International Monetary Fund



Introduction: China – International Trade



Source: Bloomberg



Introduction: China – International Trade

China Export Sumi	mary Jan 2010	(Thousand U	ISD)
Product	Jan-10	Jan-09	% Change
Data System & Accessories	11,026,838	7,220,064	52.7
Textile	9,986,485	10,501,739	-4.9
Cotton Material	5,581,403	4,722,004	18.2
Mobile Phone & Accessories	3,267,220	2,872,901	13.7
Foot Wear	2,947,169	2,905,367	1.4
Furniture	2,619,850	2,435,746	7.6
Electric Device	2,282,533	1,153,044	98
Steel	2,226,637	2,353,758	-5.4
Refined Oil	1,682,149	534,377	214.8
Plastic Product	1,341,149	1,246,964	7.6

Source: General Administration of Customs of the People's Republic of China



Introduction: China – Foreign Reserve

	Internati	onal Reserve Asset	s (Billion USD)	
	Current	% of World	1 Year Ago	1 Year % Change
China	2447.08	30.947%	1953.74	25.3%
Japan	990.51	12.527%	989.73	0.1%
Russia	456.30	5.354%	384.80	18.6%
India	255.66	3.221%	242.42	5.5%
Taiwan	355.03	4.490%	300.12	18.3%
South Korea	272.33	3.444%	206.34	32.0%
Eurozone	196.06	2.480%	186.42	5.2%
Brazil	246.57	3.085%	201.60	22.3%
Singapore	196.36	2.483%	166.25	18.1%
Hong Kong	258.80	3.273%	186.20	39.0%
World	7907.25	100.000%	6698.56	18.0%

Source: Bloomberg



Introduction: China – Some Facts About China

Some facts about China:

>By 2025, China will build 10 New York sized cities

>By 2030, China will add more new city-dwellers than the entire U.S. population

> China already consumes twice as much steel as the U.S., Europe and Japan combined

If China hits U.S. oil consumption, then we need seven more Saudi Arabias

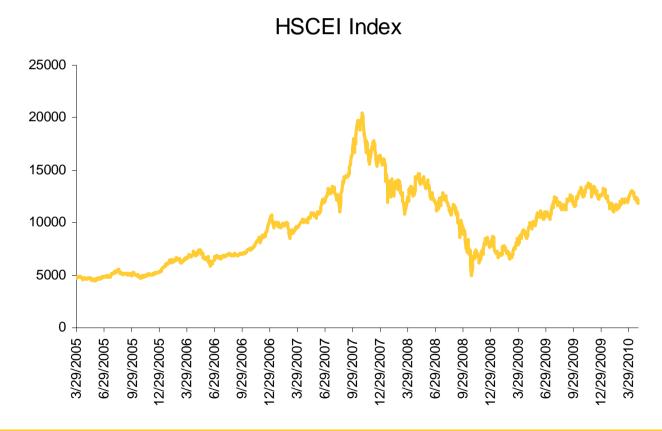
> Chinese GDP could overtake the U.S. as soon as the early 2020s

Source: Mckinsey, Business Insider, CIA Factbook, European Commission Report, Market Watch



Introduction: Hang Seng China Enterprises Index

The Hang Seng China Enterprises Index was launched one year after the first H-share company was listed on the Stock Exchange of Hong Kong. It tracks the performance of mainland China enterprises with H-share listings in Hong Kong.



Source: Bloomberg



Introduction: Hang Seng China Enterprises Index - Composition

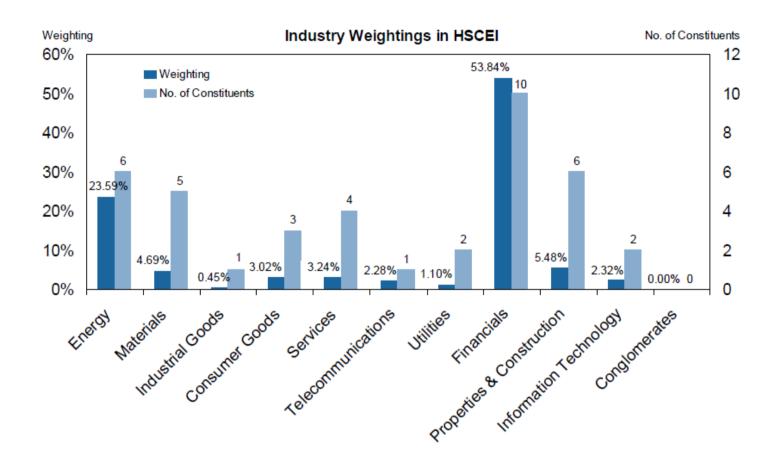
The Hang Seng China Enterprises Index consists of 40 Chinese companies across 10 different sectors varying from Energy to Information Technology.

Ticker	Name	% Weight
HSCEI		in the Index
939 HK Equity	China Construction Bank Corp	10.54
3988 HK Equity	Bank of China Ltd	10.19
2628 HK Equity	China Life Insurance Co Ltd	10.17
1398 HK Equity	Industrial & Commercial Bank of China	10.01
857 HK Equity	PetroChina Co Ltd	8.82
1088 HK Equity	China Shenhua Energy Co Ltd	5.08
386 HK Equity	China Petroleum & Chemical Corp	4.81
2318 HK Equity	Ping An Insurance Group Co of China Ltd	4.20
3968 HK Equity	China Merchants Bank Co Ltd	3.34
728 HK Equity	China Telecom Corp Ltd	2.36
3328 HK Equity	Bank of Communications Co Ltd	2.26
1898 HK Equity	China Coal Energy Co	2.10
1171 HK Equity	Yanzhou Coal Mining Co Ltd	1.84
1211 HK Equity	Byd Co Ltd	1.61
998 HK Equity	China Citic Bank Corp Ltd	1.49
1800 HK Equity	China Communications Construction Co Ltd	1.44
2600 HK Equity	Aluminum Corp of China Ltd	1.34
489 HK Equity	Dongfeng Motor Group Co Ltd	1.33
1988 HK Equity	China Minsheng Banking Corp Ltd	1.28
2899 HK Equity	Zijin Mining Group Co Ltd	1.19
1919 HK Equity	China COSCO Holdings Co Ltd	1.15
1099 HK Equity	Sinopharm Group Co	1.04
358 HK Equity	Jiangxi Copper Co Ltd	1.02
390 HK Equity	China Railway Group Ltd	0.96
914 HK Equity	Anhui Conch Cement Co Ltd	0.92
1186 HK Equity	China Railway Construction Corp Ltd	0.89
2328 HK Equity	PICC Property & Casualty Co Ltd	0.85
753 HK Equity	Air China Ltd	0.79
2883 HK Equity	China Oilfield Services Ltd	0.74
1138 HK Equity	China Shipping Development Co Ltd	0.69
763 HK Equity	ZTE Corp	0.69
3323 HK Equity	China National Building Material Co Ltd	0.69
902 HK Equity	Huaneng Power International Inc	0.66
168 HK Equity	Tsingtao Brewery Co Ltd	0.60
347 HK Equity	Angang Steel Co Ltd	0.57
1618 HK Equity	Metallurgical Corp of China Ltd	0.50
576 HK Equity	Zhejiang Expressway Co Ltd	0.49
2777 HK Equity	Guangzhou R&F Properties Co Ltd	0.46
991 HK Equity	Datang International Power Generation Co	0.46
2727 HK Equity	Shanghai Electric Group Co Ltd	0.44

Source: Bloomberg (as of 14 May 10)



Introduction: Hang Seng China Enterprises Index - Composition

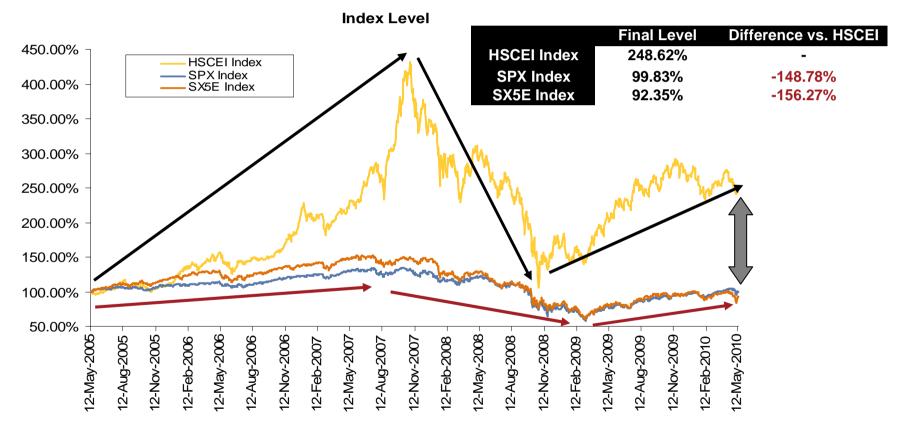


Source: Hang Seng Indexes (as of April 10)



Historical Performances of Different Markets

The following graph shows the historical performances of HSCEI, SPX and SX5E over the past 5 year.



Source: Bloomberg, Commerzbank

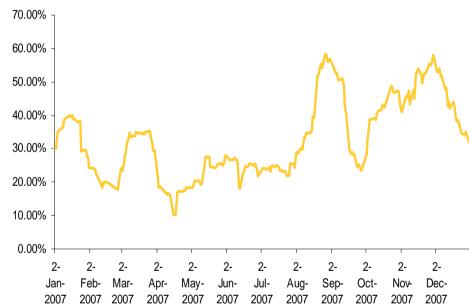


HSCEI - Bullish Period

The following graphs show the historical performances of HSCEI in 2007



Historrical Volatility



Source: Bloomberg, Commerzbank



HSCEI - Bearish Period

The following graphs show the historical performances of HSCEI in 2008

120.00% - 110.00% - 100.00% - 90.00% - 70.00% - 60.00% - 50.00% - 40.00% - 30.00% - 10

2008

Historrical Volatility



Source: Bloomberg, Commerzbank

2008

2008 2008

20.00%

EMC Structuring Asia May 2010

Dec-

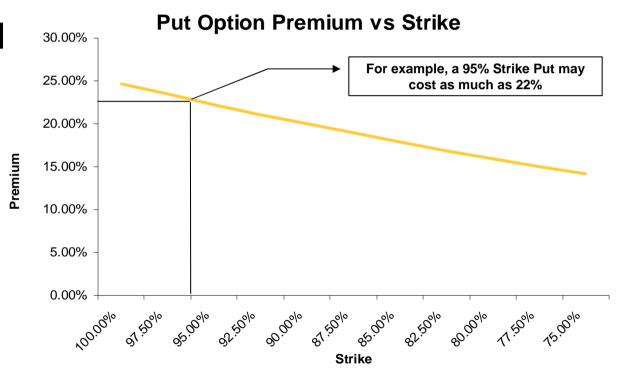
2008

2008



Buying Protection Is Expensive Due To High Volatility

Tenor	Strike	Premium
5Y	100.00%	25%
5Y	97.50%	23%
5Y	95.00%	22%
5Y	92.50%	21%
5Y	90.00%	20%
5Y	87.50%	19%
5Y	85.00%	18%
5Y	82.50%	17%
5Y	80.00%	16%
5Y	77.50%	15%
5Y	75.00%	14%



Source: Commerzbank



Investment Rationale

> China is booming and playing an important role in the global economy

>HSCEI Index is a well diversified index covering 40 Chinese corporates across 10 different sectors

>HSCEI has significantly outperformed the developed markets (5Y, ~150% over SPX & SX5E)

>However, HSCEI is more volatile comparing to other benchmarks

>Buying protection on HSCEI is expensive

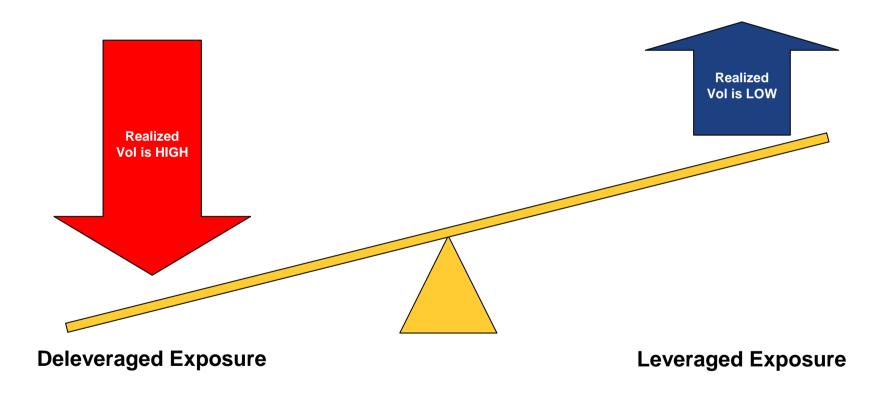
Q: How can we invest in China benefiting from the upside potential and at the same time be protected against downside risk without paying so much for it?

A: The Volatility Target Strategy!!



Volatility Target Strategy Mechanism

The aim of the Volatility Target Strategy is to maintain risk at a pre-set level by following a pre-defined asset allocation rule





Volatility Target Strategy Scenario (Bullish Market)

Target Vol 20%

			Return	Volatility	Weight	Alloc	cation	
	Day	HSCEI Index	on HSCEI		(Target / Historical)	Index	Cash	Vol Target Index
Ī	1	100.00%		50.00%	40.00%	40.00%	60.00%	100.00%
	2	105.00%	5.00%					102.00%

Target Vol 20%

		Return	Volatility	Weight	Alloc	ation	
Day	HSCEI Index	on HSCEI		(Target / Historical)	Index	Cash	Vol Target Index
1	100.00%		16.00%	125.00%	125.00%	-25.00%	100.00%
2	105.00%	5.00%					106.25%

^{*}For simplicity, no interest on cash component and no charge for leverage.



Volatility Target Strategy Scenario (Bearish Market)

Target Vol 20%

		Return	Volatility	Weight	Alloc	ation	
Day	HSCEI Index	on HSCEI		(Target / Historical)	Index	Cash	Vol Target Index
1	100.00%		50.00%	40.00%	40.00%	60.00%	100.00%
2	95.00%	-5.00%					98.00%

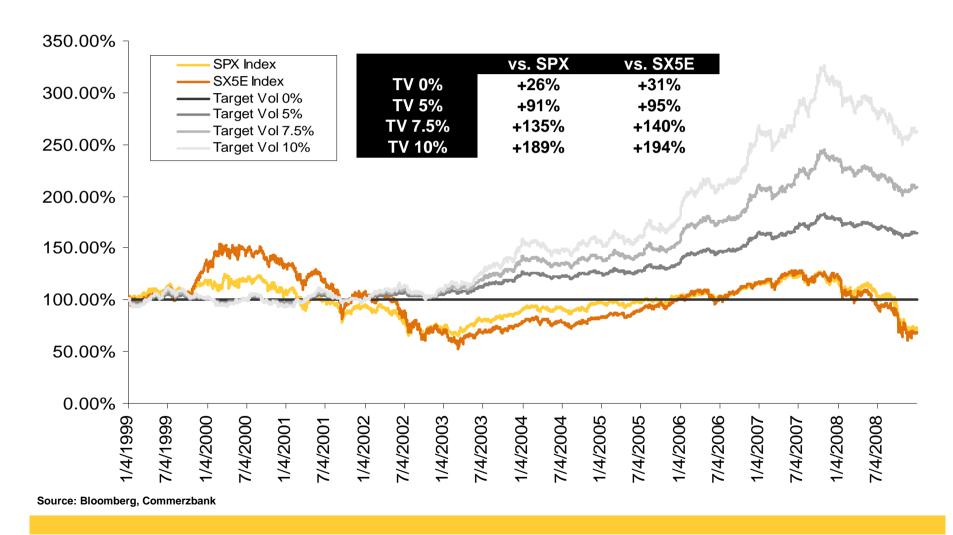
Target Vol 20%

		Return	Volatility	Weight	Alloc	ation	
Day	HSCEI Index	on HSCEI		(Target / Historical)	Index	Cash	Vol Target Index
1	100.00%		16.00%	125.00%	125.00%	-25.00%	100.00%
2	95.00%	-5.00%					93.75%

^{*}For simplicity, no interest on cash component and no charge for leverage.



Historical Volatility Target Strategy With Different Target Volatility Levels







Source: Commerzbank



Cashflow:

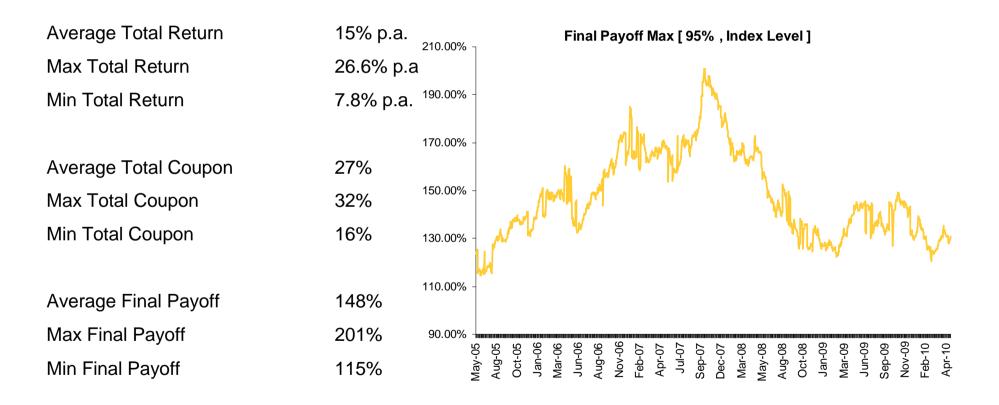
After 1 year	IF VolTarget Index >= 108%, then a 8% coupon is paid and the VolTarget Index drops by 8%;
After 2 year	IF VolTarget Index >= 108%, then a 8% coupon is paid and the VolTarget Index drops by 8%;
After 3 year	IF VolTarget Index >= 108%, then a 8% coupon is paid and the VolTarget Index drops by 8%;
After 4 year	IF VolTarget Index >= 108%, then a 8% coupon is paid and the VolTarget Index drops by 8%;
After 5 year	Max [95% , VolTarget Index]







Backtesting Result (16-May-2000 – 13 May 2010)



Source: Commerzbank



This 5 year USD denominated note is linked to Hang Seng China Enterprises Index (HSCEI) and based according to the Volatility Target Strategy asset allocation rule. The note will pay 4 conditional annual coupons if the Volatility Target Strategy Index closes at or above 100% of it's initial level and the Index level will decrease by the same amount of the coupon. At maturity, the final payoff will be the Floor amount plus the upside of the Index (In-the-money Call).

Currency USD

Tenor 5 years

Underlying HSCEI Index

Target Volatility 8%

Historical Volatility Based on past 20 trading days

Frequency Daily Rebalancing

Interest Nil, no interest is earned on cash component; no interest is charged for leverage

Weight Min weight 0%; Max weight 200% (Target Volatility / Historical Volatility)

Coupon Barrier 108%

Condition coupon 8%

Participation 100%

Funding +55

Floor 95%



Disclaimer

This document has been created and published by the Corporates & Markets division of Commerzbank AG, Frankfurt/Main or the group companies mentioned in the document ("Commerzbank"). Commerzbank Corporates & Markets is the investment banking division of Commerzbank, integrating research, debt, equities, interest rates and foreign exchange. The views in this communication may differ from the published views of Commerzbank Corporates & Markets Research Department and the communication has been prepared separately of such department.

This communication may contain short term trading ideas. Any returns or future expectations referred to are not intended to forecast or predict future events. Any prices provided herein (other than those that are identified as being historical) are indicative only, and do not represent firm quotes as to either size or price.

This communication is for information purposes only. The information contained herein does not constitute the provision of investment advice. It is not intended to be nor should it be construed as an offer or solicitation to acquire, or dispose of, any of the financial instruments and/or securities mentioned in this communication and will not form the basis or a part of any contract. It is also not intended to be an advertisement or any form of marketing or inducement. It is assumed that in communicating with Commerzbank recipient is acting as principal. The material herein does not have regard to the specific investment objectives, financial situation and the particular needs of any specific person who may view this communication.

Any information in this communication is based on data obtained from sources believed by Commerzbank to be reliable, but no representations, guarantees or warranties are made by Commerzbank with regard to the accuracy, completeness or suitability of the data.

The past performance of financial instruments is not indicative of future results. No assurance can be given that any financial instrument or issuer described herein would yield favourable investment results.

This communication is intended solely for distribution to the restricted categories listed below and/or eligible counterparties of Commerzbank. It is not intended to be distributed to retail clients or potential retail clients. Neither Commerzbank nor any of its respective directors, officers or employees accepts any responsibility or liability whatsoever for any expense, loss or damages arising out of or in any way connected with the use of all or any part of this communication.

Commerzbank and/or its principals or employees may have a long or short position or may transact in financial instrument(s) and/or securities referred to herein or may trade in such financial instruments with other customers on a principal basis. The information may have been discussed between various Commerzbank personnel and such personnel may have already acted on the basis of this information (including trading for Commerzbank's own account or communication of the information to other customers of Commerzbank). Commerzbank may act as a market maker in the financial instruments or companies discussed herein and may also perform or seek to perform investment banking services for those companies.

No part of this communication may be reproduced, distributed or transmitted in any manner without prior written permission of Commerzbank. This communication or the manner of its distribution may be restricted by law or regulation in certain countries. Persons into whose possession this document may come are required to inform themselves about, and to observe any such restriction.

By accepting this communication, a recipient hereof agrees to be bound by the foregoing limitations.

Copyright © Commerzbank 2010. All rights reserved.



Disclaimer

Additional note to recipients in the following countries:

Singapore: This document is furnished in Singapore by Commerzbank AG, Singapore branch. It may only be received by an "institutional investor" as defined in section 4A of the Securities and Futures Act, Chapter 289 of Singapore.

Hong Kong: This document is furnished in Hong Kong by Commerzbank AG, Hong Kong Branch, and may only be received by 'professional investors' within the meaning of the Securities and Futures Ordinance (Cap.571) of Hong Kong and any rules made there under, and persons whose ordinary business is to buy or sell shares or debentures.

People's Republic of China (PRC): This document is furnished by Commerzbank AG, Hong Kong Branch and is only intended for financial institutions (as defined under the Interim Rules on the Administration of Derivative Trading Business by Financial Institutions promulgated by the China Banking Regulatory Commission) and no-one else may rely on any information contained within this document. Any derivative transactions by PRC persons may only be entered into by PRC financial institutions which are permitted to conduct derivatives business in the PRC and have obtained all necessary regulatory approvals in the PRC.

Australia: Commerzbank AG is exempt from the requirement to hold, and does not hold, an Australian financial services licence under the Corporations Act in respect of the financial services it provides to wholesale clients in Australia. Commerzbank is regulated by Bundesanstalt fur Finanzdienstleistungsaufsicht of Germany (BaFin) under German laws, which differ from Australian laws.

Any offer to issue, or invitation to subscribe for, any products described will only made in circumstances where disclosure is not required under Part 6D.2 of the Corporations Act 2001 (Commonwealth of Australia) ("Corporations Act") because of section 708(8) (Sophisticated investors) or 708(11) (Professional investors) of the Corporations Act. Further, the products will only be available to "wholesale clients" as defined in section 761G of the Corporations Act ("Wholesale Clients"). This document is accordingly only intended for use by Wholesale Clients and in no circumstances may it be made available to a "retail client" as defined in section 761G of the Corporations Act.

This document is furnished to the recipient on the basis of representations made to Commerzbank that the recipient is both a Wholesale Client and a person to whom disclosure would not be required under Part 6D.2 of the Corporations Act.

This document does not constitute an offer to issue, invitation to subscribe for, or solicitation in respect of, the products. This document is not a prospectus, other kind of disclosure document or product disclosure statement under the Corporations Act. It has not been lodged with the Australian Securities and Investments Commission and does not contain all the information that would be required to be included in a disclosure document or product disclosure statement under the Corporations Act.

If the products are transferable, it will be a term of issue of the products that they must not be offered for sale, or offers to purchase the products invited, unless disclosure is not required under Part 6D.2 of the Corporations Act. Further, the products will only be able to be acquired by Wholesale Clients.

Commerzbank is not a bank authorised under the Banking Act 1959 (Commonwealth of Australia).

Any exclusion of responsibility or liability in this document applies only to the maximum extent permitted by law.

Malaysia: No action has been taken by Commerzbank AG to permit the distribution of this document or any other material, advertisement or document relating to the contents herein in Malaysia. Unless permitted to do so by the securities laws of Malaysia, no person may have in its possession any offering material, advertisement or document relating to any products mentioned herein in Malaysia.



San Tam

Equity Derivatives Structuring, Asia

Phone +852 3988 0857

Fax +852 3988 0899 E-mail san.tam@commerzbank.com