



How capital markets transform the insurance industry

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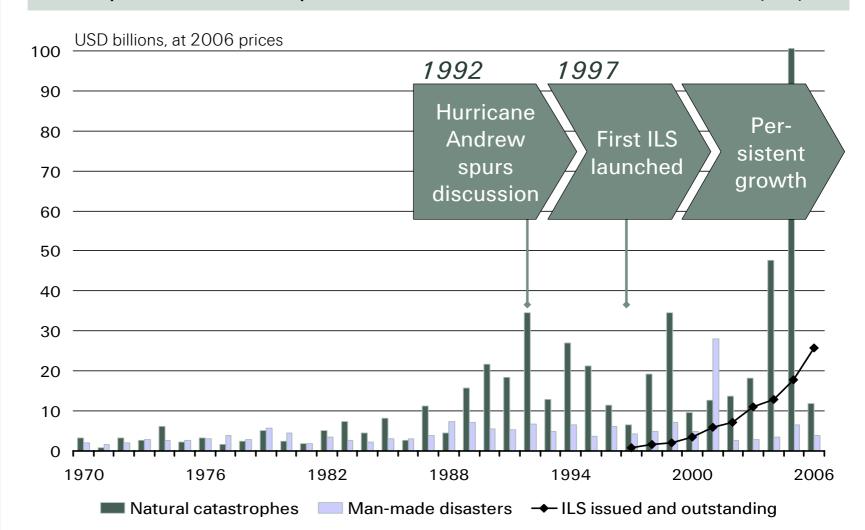
Agenda

- The initial catalyst for capital markets products
- The early evolution of capital market solutions
- The future of the risk transfer industry



Increasing catastrophe claims spur development of new risk transfer

Development of catastrophe losses and insurance linked securities (ILS)



Note:

The natural catastrophe losses also include flood losses in the US insured via the National Flood Insurance Program (NFIP). Source: Swiss Re, sigma No 2/2007

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Peak risk transfer is becoming increasingly complex



- Demand for catastrophe cover has been growing by almost 10% annually, more than most other lines of business
- Significant portions of the peak scenarios are increasingly passed on to the capital markets
- Investors (and rating agencies) expect risk adequate and stable returns
- Regulators and rating agencies require insurance companies to manage risks based on more conservative estimates

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The industry is co
complex risks

The industry is confronted with increased volatility, more complex risks and increased demand for capacity

Capital market techniques can help address industry key challenges

Property & Casualty

Life

NON-CAT

Mass risk protection

■ Motor insurance securitisation

Financing tool by turning future income into capital

- Embedded value securitisation
- Regulatory capital

CAI eak risk transf

Protection for extreme events (low-frequency, high-severity)

Hurricane and earthquake cat bond Extreme risk transfer

- Morbidity bond
- Longevity bond

Main Purposes/Benefits

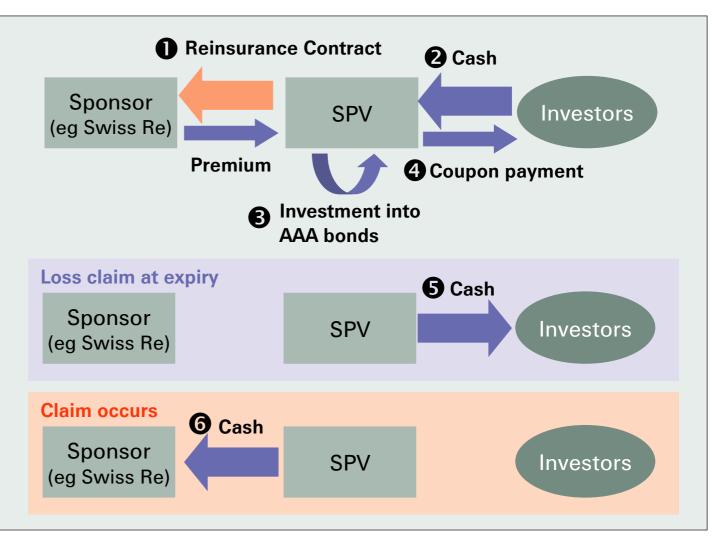
- Increase growth, by freeing up or accessing capital
- **Improve ROE**
- Reduce earnings volatility

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Insurance linked securities transfer insurance risks to the capital market

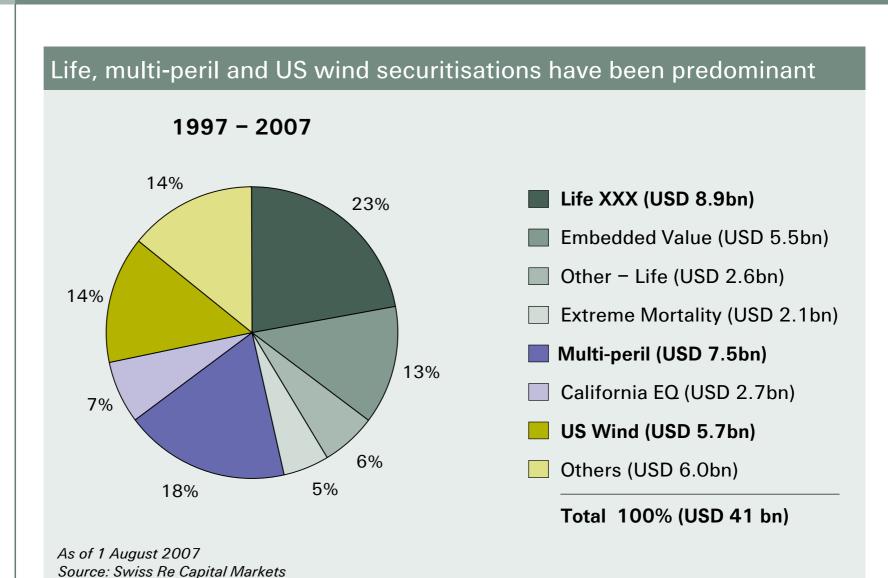
- The sponsor enters into a risk transfer contract with a special-purpose vehicle (SPV).
- The SPV collateralises its obligation to the sponsor by issuing securities to investors.
- Proceeds from securities offering are invested in high quality securities (AAA) and held in a collateral trust.
- SPV pays quarterly coupon payments to investors.
- **9** If no trigger event occurs, full principal returned to investors at maturity.
- 6 If trigger event occurs, sponsor receives claims payment and any remaining principal is returned to investors at maturity.



(simplified illustration)



Which risks are being securitised?



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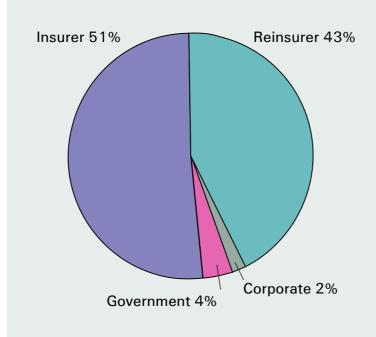
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Who securitises insurance risks?

Insurers and resinsurers still dominate the scene as sponsors

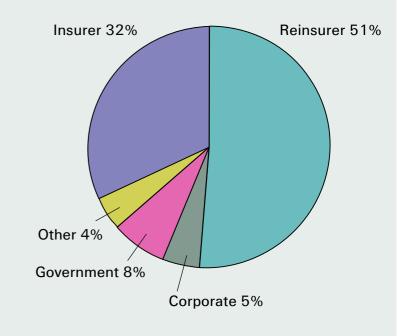




Note: As of 31 July 2007

Source: Swiss Re Capital Markets

2001 - 2007



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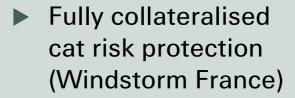


Pylon Ltd.: First catastrophe bond sponsored by a European corporate





Electricité de France Pylon Ltd.



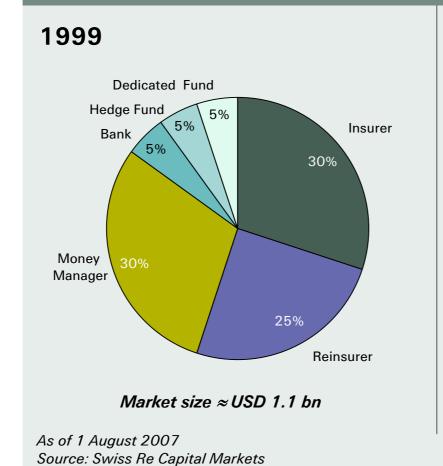


- Multi-year coverage (Dec 03 – Dec 08)
- Parametric trigger
- First EUR-denominated cat bond: EUR 70m Class A (A2/BBB+) EUR 120m Class B (Ba1/BB+)
- Price: 3-month Euribor+150bps (A) / +390bps (B)
- Underwriters: Swiss Re / IXIS



Who invests in insurance linked securities?

Capital market investors now dominate the natural catastrophe ILS investor base



2007 Insurer Reinsurer Dedicated Money Fund Manager 22% 40% 15% Bank 15% Hedge Fund Market size ≈ USD 10.0 bn

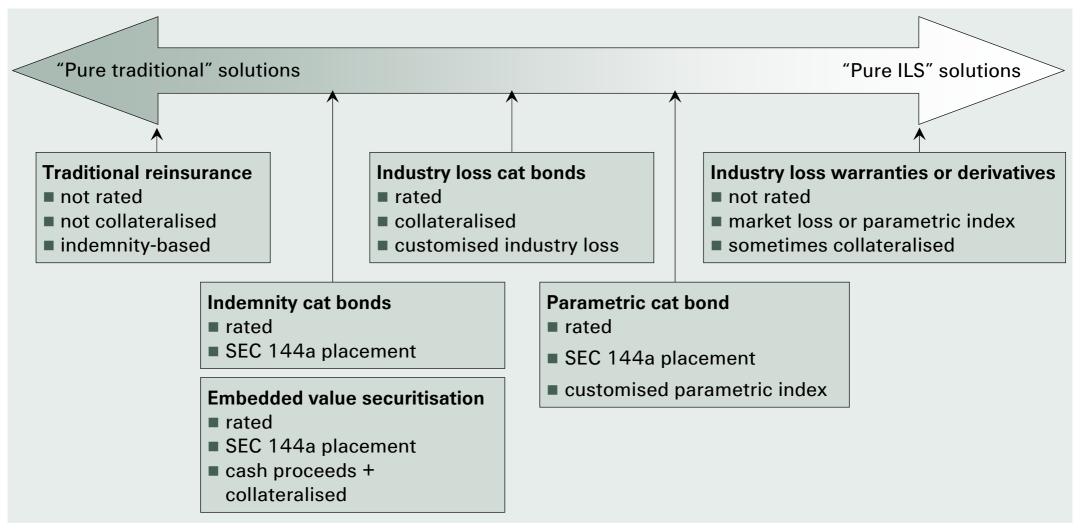
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Swiss Re

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Continuous spectrum of capital market solutions

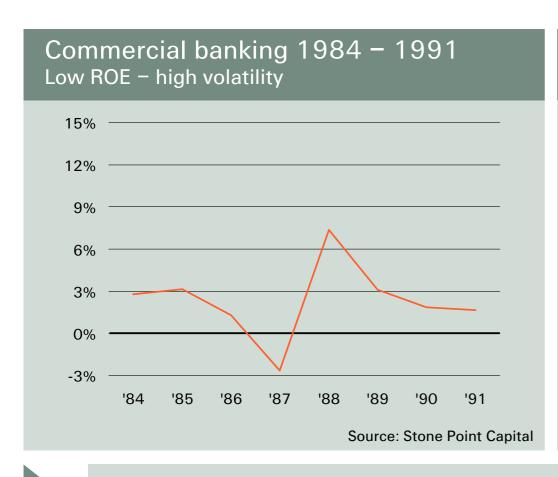


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Swiss Re

The parallel: Commercial banking's ROE challenge in the late 80's



Subsequent changes in the banking industry

- Modernised capital adequacy models
- Accelerated balance sheet through strong growth of asset-backed securities (ABS)/mortgage-backed securities (MBS)
- Increased fee income generation
- Aggressive expense management

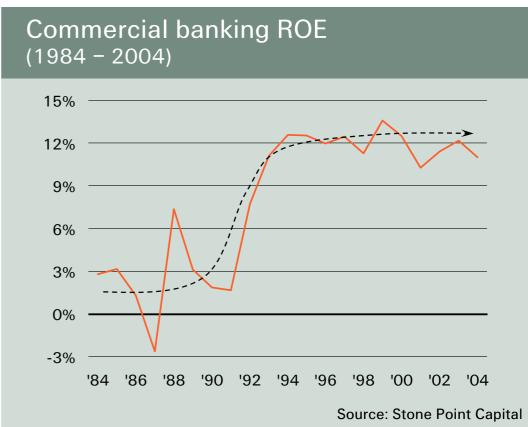
Source: Stone Point Capital

Low ROE and high volatility triggered transformation of the banking industry



Successful transformation of the banking industry

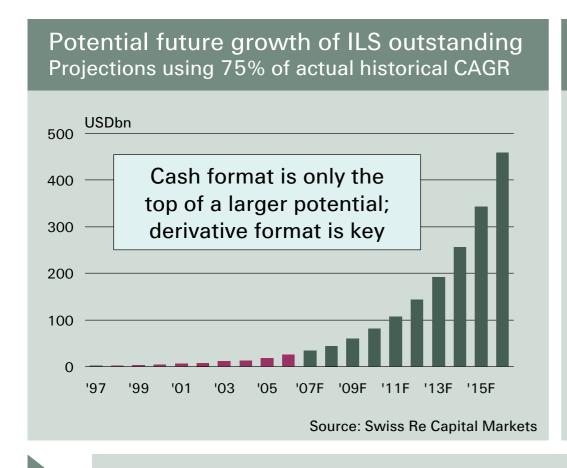


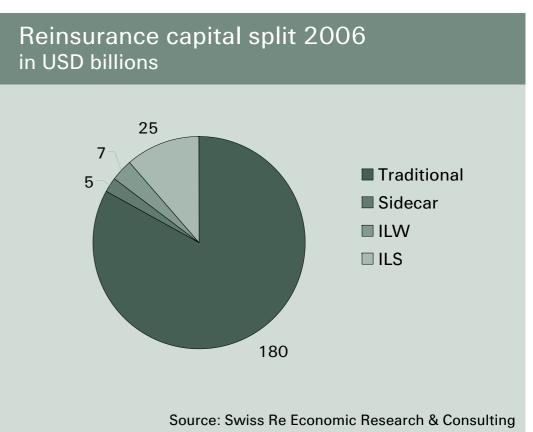


ABS/MBS issuance accelerated drastically in 1994 improving ROE's considerably



Transfer to capital markets is expected to increase





Securitisation, ILW, collateralised quota shares and sidecars add to the flexibility of capital in the industry



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Different actors are becoming more active: Brokers, I-banks, hedge funds





Morgan Stanley



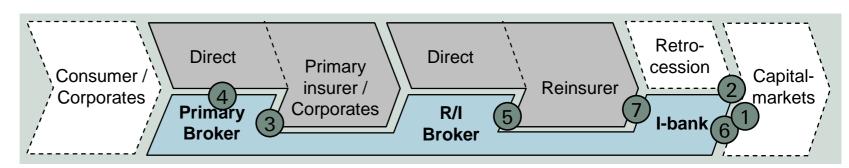






Nov. '05

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March '07	JP Morgan partnering with Millea to form Tokio Marine Bluebell Re to provide VA reinsurance based on advanced derivatives strategies
Feb. '07	 JLT establishing a joint venture with ICAP, the worlds' largest interdealer broker, to focus on the developing insurance risk derivatives market Morgan Stanley acquiring US insurance brokerage firm, Hub International
Jan. '07	Marsh setting up primary sidecar MaRI Ltd. with ACE as fronter; Morgan Stanley advisor and placement agent, Lehman invested Goldman Sachs Capital Partners acquiring US insurance brokerage firm, USI Holdings
April '06	Benfield partnering with Merrill Lynch to offer cat bonds

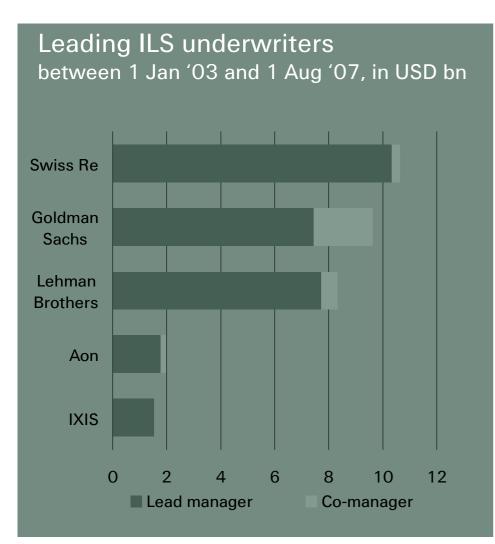
Castle Re, with an initial capitalisation of USD 500m

Citadel Inv. Group, a hedge fund, forms another reinsurance firm, New

Swiss Re

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Swiss Re sponsors and underwrites a wide range of securitisations



Swiss Re sponsored securitisations as of May 2007							
			Growth	RoE	Manage volatility		
Queensgate (Jan 05)	US Admin Re SM	EV moneti- sation	✓	✓	✓		
Vita II (Apr 05)	Extreme mortality	Peak risk protection	✓				
ALPS II (Dec 05)	US Admin Re SM	EV moneti- sation	✓	✓	✓		
Crystal Credit (Jan 06)	Credit reinsurance	Mass risk protection	✓		✓		
Australis (Jan 06)	Nat cat	Peak risk protection	✓				
Successor (June 06)	Nat cat	Peak risk & ear- nings protection	✓	✓	✓		
Vita III (Jan 07)	Extreme mortality	Peak risk protection	✓				
MedQuake (May 07)	Nat cat	Peak risk protection	✓				

returns

Our Strategic Direction benefits strongly from securitisations

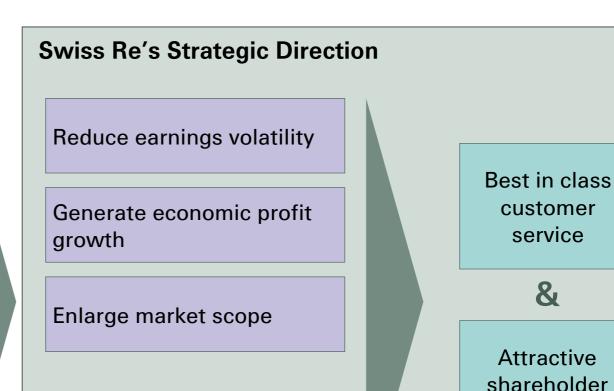


Manage volatility

Improve RoE

Free up / access capital for growth

More efficient capital management

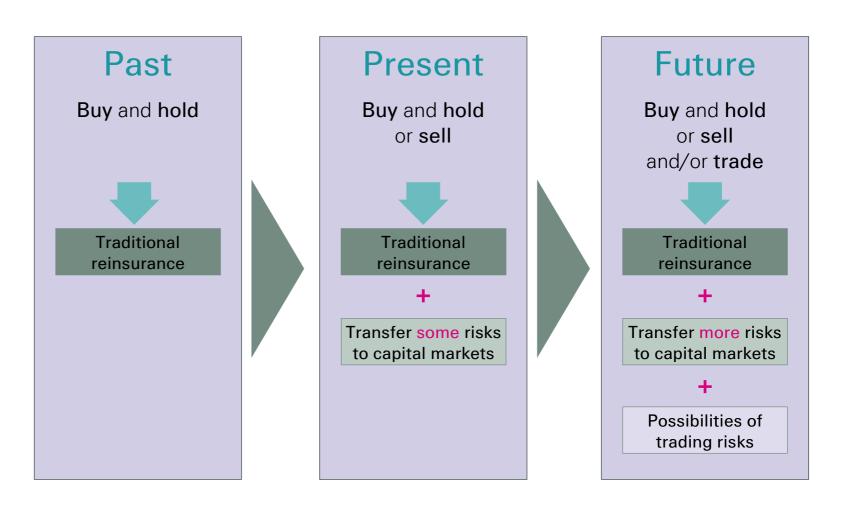


Organisational excellence





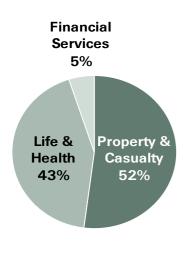
Further future opportunities arise from " the convergence of financial services





Swiss Re Group financial highlights

Revenues by business (Total 2006: CHF 40.3bn)



CHF billions	2005	2006	H1 2007
Net income	2.3	4.6	2.5
Earnings per share (in CHF)	7.44	13.49	7.26
Return on investments	6.3%	5.3%	5.7%
Return on equity	10.3%	16.3%	16.8%