

Goldman Sachs Research

The CLO market shows signs of life

GS Global ECS Credit Strategy Research

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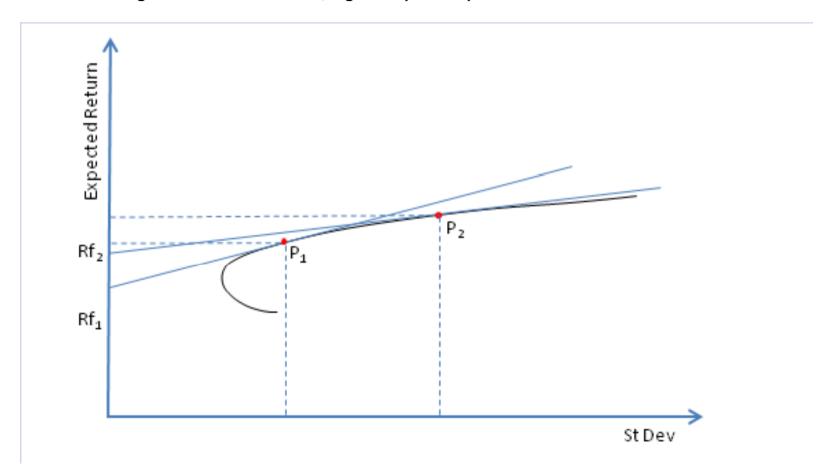
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From an 'unlevered equilibrium' to a partial recovery in the shadow banking system



In an unlevered world, investors add risky assets to match their return targets A return in financial leverage should favor secured, high Sharpe ratio products



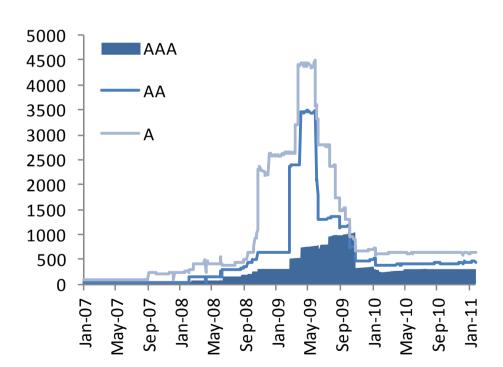
Source: Goldman Sachs Credit Strategy, Bloomberg, S&P LCD

Will financial leverage return to boost the search for yield?

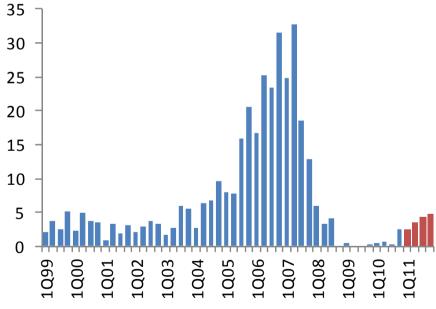


CLO tranches have only partially recovered

Average indicative spreads for US CLO tranches, by ratings



CLO issuance is anemic, but we expect it will recover CLO levered loan activity. S&P estimates for 2011 in red

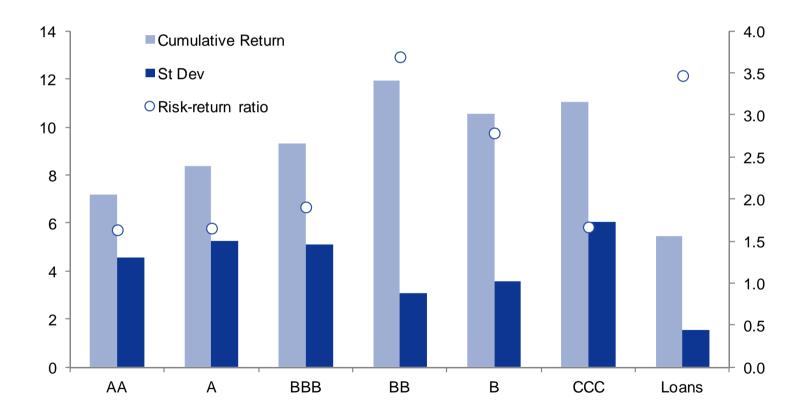


Source: Goldman Sachs Credit Strategy, Bloomberg, S&P LCD

Leveraged loans have shown exceptional risk-adjusted returns



Leveraged loans and double-B bonds have outperformed last year and continue to show resilience Total returns, annualized standard deviations and risk-return ratios for 2010

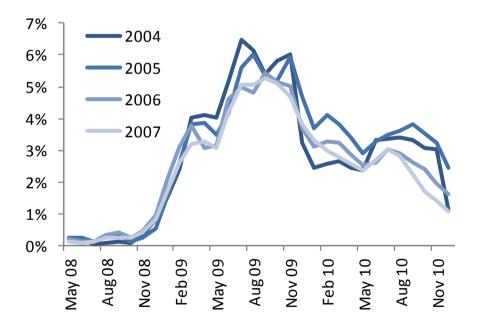


Source: Goldman Sachs Credit Strategy, CapIQ.

CLOs have weathered the crisis

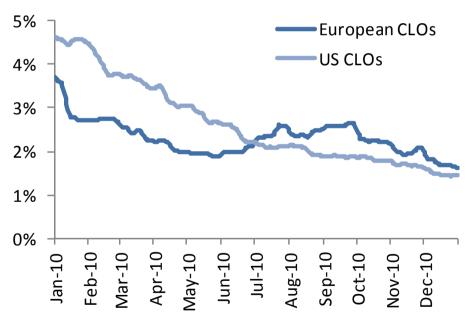


Credit quality has held up well in CLO deals Showing the % of collateral in default, by vintage



Defaults in European CLOs are now higher

Percentage of collateral in default

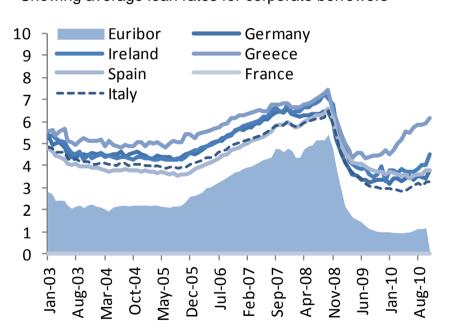


Source: Goldman Sachs Credit Strategy, Bloomberg, S&P, Creditflux CLO Master

Europe's recovery will lag the US

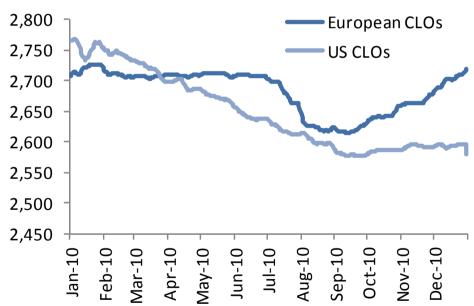


Loan rates are already climbing in the periphery Showing average loan rates for corporate borrowers



Rating quality is higher in the US

Showing weighted average rating actors (WARF) on CLOs



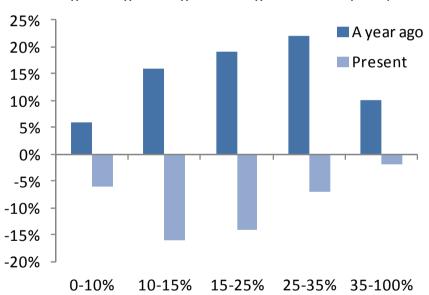
Source: Goldman Sachs Credit Strategy, Bloomberg, S&P, Creditflux CLO Master, ECB

There's value in equity and mezzanine tranches



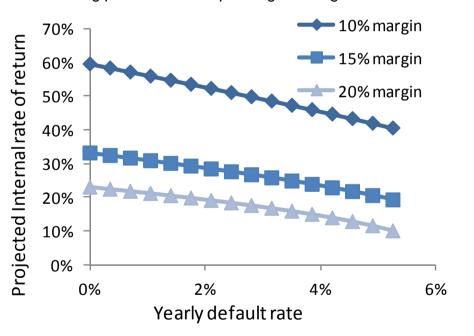
Margins for equity have normalized

Showing average changes in margins over the past years



LCDX equity can give double digit IRRs

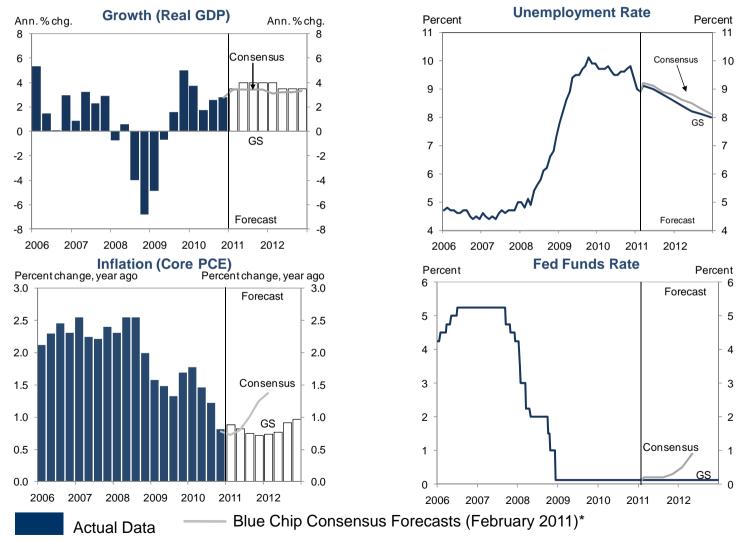
Showing potential IRR depending on margins and default rates



Source: Goldman Sachs Credit Strategy. The IRR scenario refers to LCDX 5-year S15 0-8%

GS US macro forecasts vs. consensus





Source: Goldman Sachs ECS Research.

*Inflation Consensus from Philadelphia Fed (Survey of Professional Forecasters)



Disclosures March 31, 2011

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