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## Societe Generale SG UK & Europe Defensive Step Down Plan 1 (Global Four) Report 4312 [↗](#)

Report created: 04 May 2024

### KEY INFORMATION

#### Dates

Opening date	05 Jul 2017
Closing date	18 Aug 2017
Strike date	25 Aug 2017
Final market date	25 Aug 2023
Report published	05 Jul 2017

#### Terms

Investment Length	6 years
Product currency	GBP
Product type	Defensive Autocall
Vehicle	Plan
Capital	At risk
Aim	Growth
Asset style	Worst-of
Provider	Societe Generale
Issuer	SG Issuer (multiple credit exposure)
Plan Manager	Mariana
Underlying Asset	EURO STOXX 50 Index, FTSE 100 Index
Counterparty	Multiple Counterparties
Issuer credit rating	Commerzbank AG (S&P A-), Credit Suisse AG (S&P BBB+), Banco Santander S.A. (S&P A-), Goldman Sachs Group (S&P BBB+)
Credit rating band	BBB band
Tax wrapper(s)	Direct investment, ISA, ISA transfer, SIPP/SSAS, Trustees of a trust, Corporate/Commercial, Charities, Direct Investment (for Joint Accounts)
Min/Max Investment	Minimum: £10,000. The overall ISA limit is £20,000 for the 2017/2018 tax year

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## DESCRIPTION

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### Product features

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Total of 5 autocall points

First autocall point after 2 years and then every year

Potential annual return of 7% p.a. (not compounded)

Autocall levels reduce each time

Defensive final autocall level of 65%

Product payoff is based on the worst performing asset

European barrier of 60%

### Potential Returns:

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This product is classified by FVC as a 'Defensive Autocall'.

If the worst performing underlying is above the required target level on any of the observation dates, the product will mature early returning the initial investment and pay a fixed return of 7% for each year the product has been in force. The first autocall opportunity is after 2 years. This product has multiple defensive levels down to 65%.

If for example, at the first autocall observation point (after 2 years 1 days) the worst performing underlying is above its strike level, the product will be called and make a final payment of 114% (including capital investment). If the product is not called at the first two opportunities but on the third autocall date (at 4 years) the worst performing underlying is above 90% of its strike level, the product will be called and make a final payment of 128% (including capital investment).

The full autocall schedule for this product is shown in figure 4.

### Capital Repayment:

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The product has a European barrier. This means that the barrier is observed at maturity only. The barrier is set at 60% of the strike level and will be breached if the final level of the worst performing underlying asset is below 60% of the strike level. If the worst performing underlying finishes below the European barrier of 60% on the final day of the investment some capital is lost.

If the product has not been called on any of the observation dates the repayment of capital will depend on whether or not the final level of the worst performing underlying is below the barrier level. If the worst performing underlying finishes between the barrier level and the final autocall level, the investor will be repaid 100% of their initial investment.

If the worst performing underlying asset finishes below the 60% barrier, the investor will be paid an amount equal to the final level of the worst performing underlying asset, with respect to its strike level. For example, if the final level of the worst performing underlying is 40% of its strike level and therefore the barrier is breached, the investor will be returned 40% of their capital investment.

### Additional Information:

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The direct credit risk of this product is not solely dependent on the solvency of Societe Generale, but is diversified across the following four institutions: Commerzbank AG, Credit Suisse AG, Banco Santander S.A and Goldman Sachs Group. For precise details of the credit exposure of this product, please refer to the brochure.

If Societe Generale were to become insolvent, there is a collateralisation mechanism in this product designed to return investors an amount equal to the value of the plan at the time of a Societe Generale credit event. The collateral is maintained daily, and will consist of a pool of assets consisting of government bonds, corporate bonds and/or shares which are held with an independent custodian; The Bank Of New York Mellon, (Luxembourg) S.A. The amount of collateral is dependent on the value of the plan and may be less than the initial investment.

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## ASSESSMENT

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Figure 1: Statistics

This figure shows some key statistics of the product and compares them to averages of other open products in the market. Full details of the methodology can be found [here](#)

The overall, price and return scores are expressed on a scale of 0-10 with 10 representing the most favourable. The price score is derived from our estimate of value for money while the return score gives an indication of risk-adjusted return prospects. The overall score is the average of the price and risk scores.

The riskmap is expressed on a scale of 0 to 10, where 0 represents lowest risk and 10 the highest. It is calculated from contributions from market risk and credit risk which are shown separately. The maturity and duration (expected maturity) are also stated.

This report was published on 05 Jul 2017 and compiled in advance with data available to us at that time. It has not been updated since.

	This product	All products	All At risk
Overall score	5.89	7.23	7.18
Price score	4.71	7.73	7.69
Return score	7.07	6.73	6.67
Riskmap (0-10 scale)	5.07	2.58	3.01
Market riskmap	4.85	2.35	2.82
Credit riskmap	0.22	0.22	0.20
Maturity	6.00	5.89	6.29
Duration	3.35	3.15	2.94

Figure 2 : Payoff chart

This chart shows a sample of simulated outcomes of the final underlying value and the product payoff for the structured product to help identify the risk and return prospects of the investment.

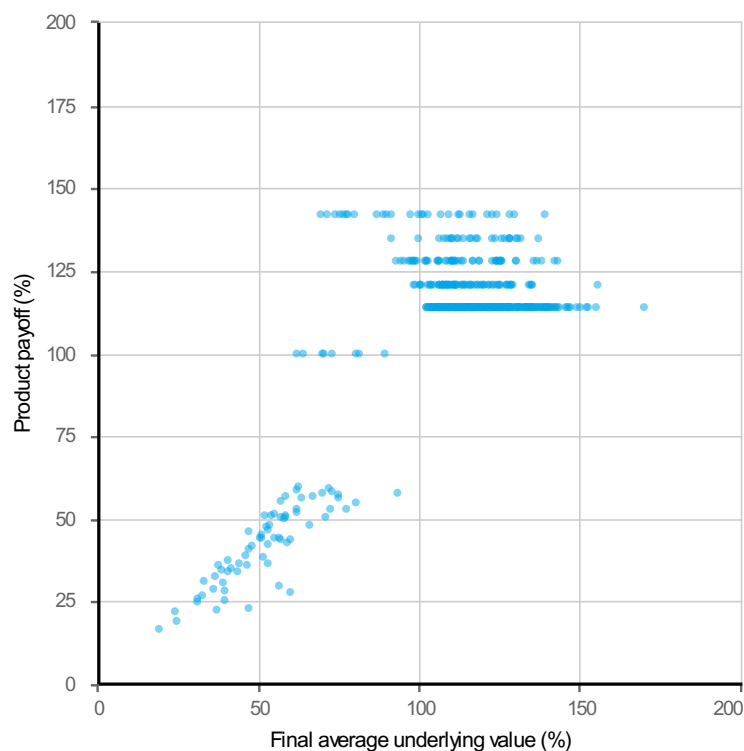
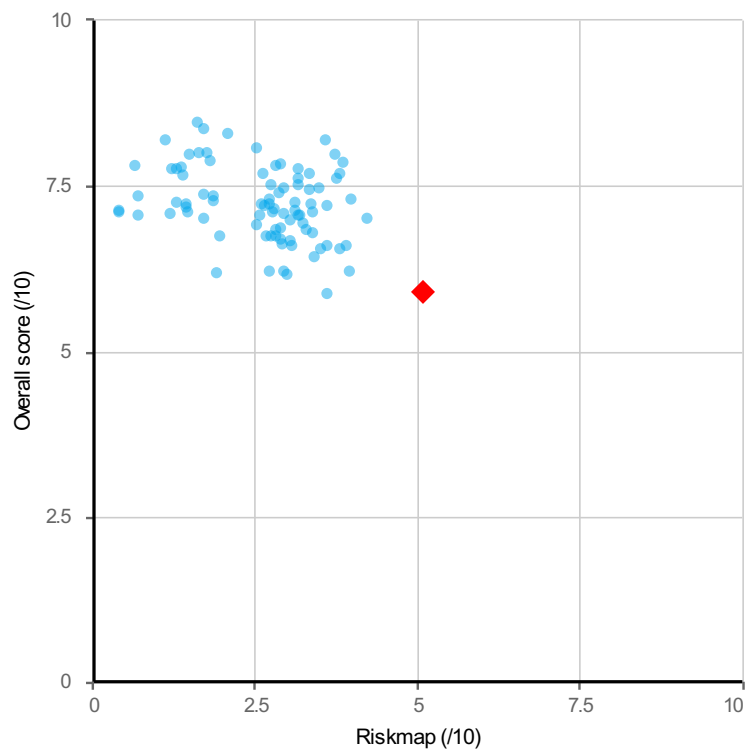


Figure 3 : Comparison chart

This chart plots the riskmap and overall score for all products on report centre, which shows all products listed on this site which are open for investment. The current product is shown with a diamond marker.



## OUTCOMES

Figure 4 : Investor results summary

Summary of possible product performances. Calculations from forward looking simulation and 10 year historical backtest (market risk only). This table shows a number of mutually exclusive outcomes of product performance classifications and associated statistics. All figures below are rounded.

Result	Investment length (years)	Average payoff (%)	Simulated probability (%)	Backtested frequency (%)
Autocall on 26 Aug 2019 if above 100%	2.00	114.00	49.39	44.15
Autocall on 25 Aug 2020 if above 95%	3.00	121.00	14.67	14.35
Autocall on 25 Aug 2021 if above 90%	4.00	128.00	8.87	14.07
Autocall on 25 Aug 2022 if above 85%	5.00	135.00	5.30	2.93
Autocall on 25 Aug 2023 if above 65%	6.00	142.00	7.83	14.27
Full capital return	6.00	100.00	1.67	8.54
Capital loss	6.00	41.34	12.27	1.68

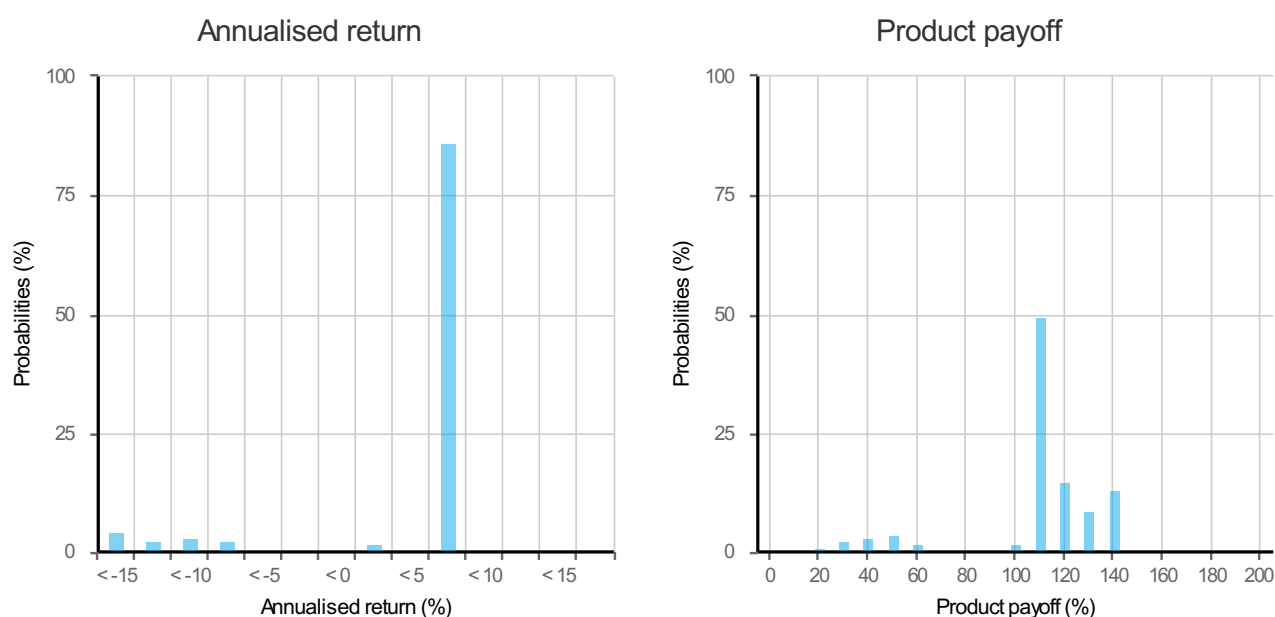
Figure 5 : Prospects for return of capital

This figure shows prospects for return of capital, calculating whether the return might be greater than, equal to or lower than capital invested. These calculations use probabilities from forward looking simulations and the observed frequencies from a 10 year historical backtest.

Outcome	Simulated probability	Backtested frequency
Return less than capital	12.27	1.68
Return exactly capital	1.67	8.54
Return more than capital	86.06	89.78

Figure 6 : Charts of product outcomes (annualised return and product payoff)

Charts of distribution of structured product returns based on forward looking simulation. The first chart shows the annualised return of the product in 2.5% buckets. The second chart shows the payoff of the product. Both of these charts are market risk only.



## Provider contact information

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Email:	<a href="mailto:wcsi@wcgplc.co.uk">wcsi@wcgplc.co.uk</a>
Provider page:	<a href="#">Societe Generale</a>

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### About FVC

Future Value Consultants (FVC) is a research and analytics consultancy, specialising in structured product research, stress testing structured products, independent valuations and index calculation.

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