

The logo consists of the letters 'USS' in a white, serif font, centered within a solid red circle.

USS

# Employer Investment Discussion Forum

16 June 2023

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# Agenda



1. Welcome and introduction
2. Overview of the last six months
3. Investment related aspects of the 2023 valuation, timetable for VIS & SIP
4. Investment Balanced Scorecard for DB and DC, an update on our performance review and reporting
5. Responsible Investment and Carbon Net Zero update

# 1. Introduction and overview of the last six months



2. Investment related aspects  
of the 2023 valuation,  
timetable for VIS & SIP

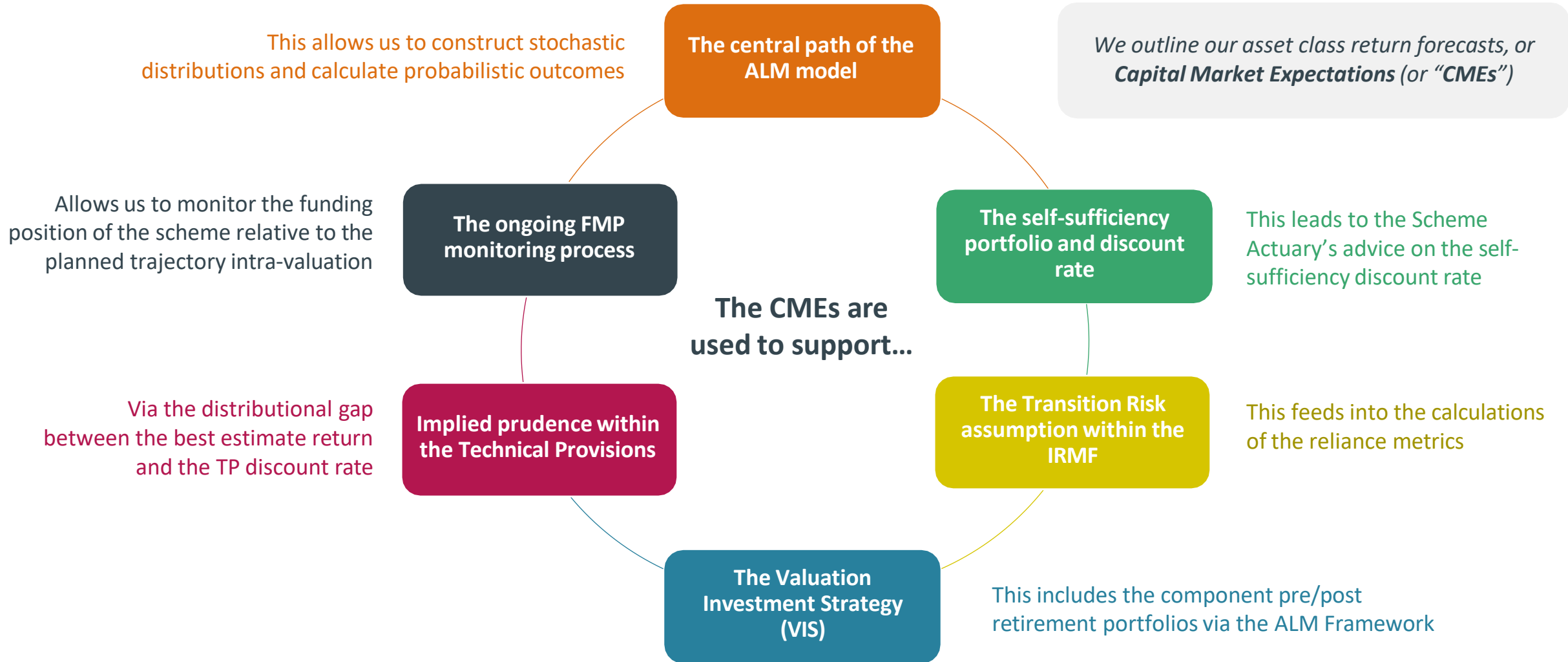


# Capital Market Expectations (“CMEs”)





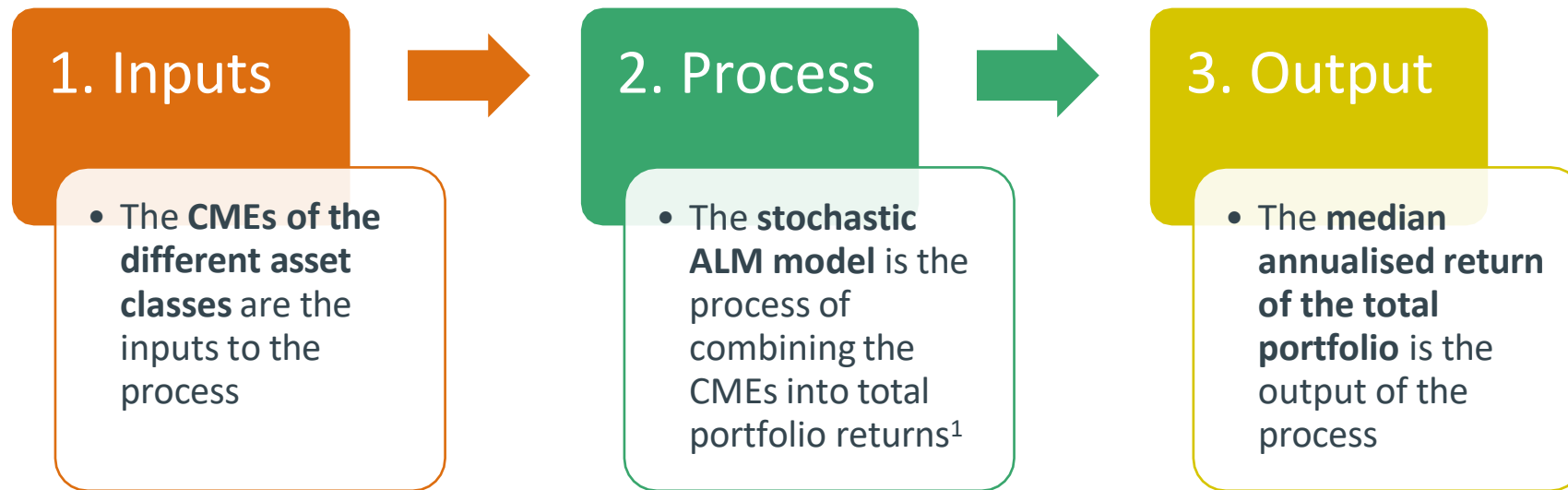
# Where are the CMEs used across the valuation?



# Combining CMEs into a total portfolio return

As in previous actuarial valuations, **we use the median annualised portfolio return from the stochastic ALM model**, instead of a simple weighted average of USSIM's Capital Market Expectations (CMEs).

This approach is commonly used when combining investment returns from multiple asset classes:



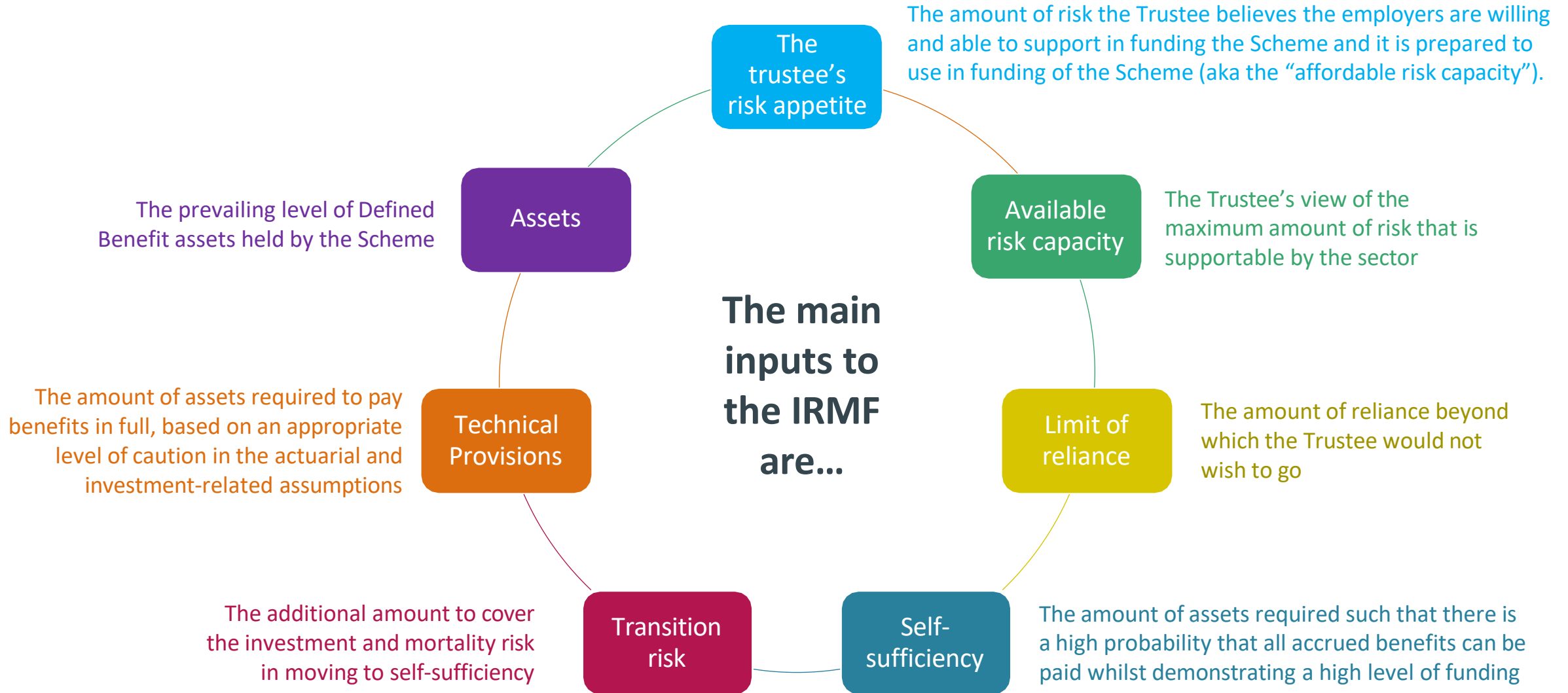
<sup>1</sup>We do this by simulating the returns of the total portfolio (5,000 times) over a 30 year period (using the scenario generator's volatility and correlation characteristics) and by assuming the total portfolio rebalances on a monthly basis.

Investment inputs to the  
Integrated Risk Management  
Framework (“IRMF”)

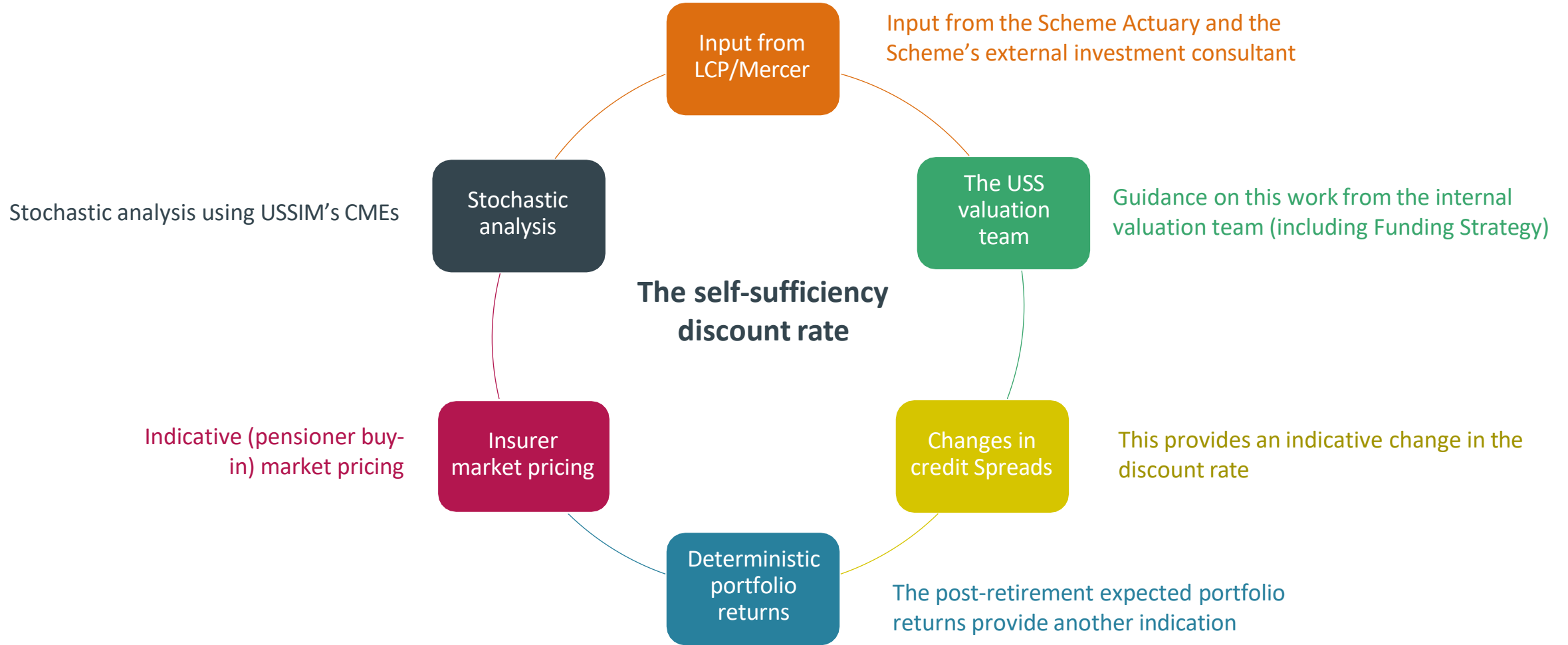




# The inputs to the IRMF



# The inputs USSIM consider

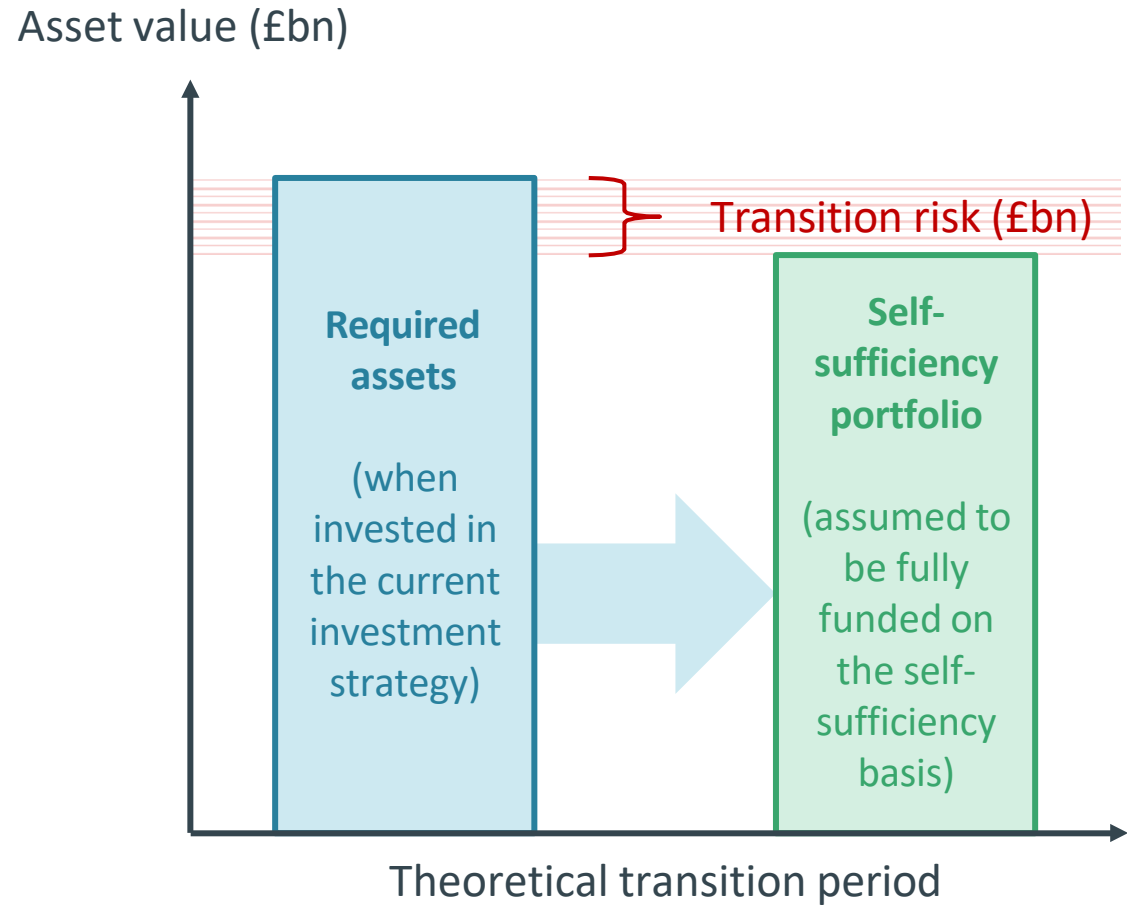


*We have updated these inputs as at 31 March 2023 for the valuation.*

# Transition risk

**Transition risk is the additional allowance (in £ terms) required over the self sufficiency liability to protect against the risk associated with a theoretical de-risking of the current valuation investment strategy (VIS) to the self sufficiency portfolio.**

- In other words, the IRMF requires that we allow for an additional allowance over self sufficiency to reflect the fact that the transition from the current investment strategy towards the self sufficiency portfolio would take some time.
- It is therefore incorporated into the IRMF metrics to determine affordability, allowing for the current investment strategy.

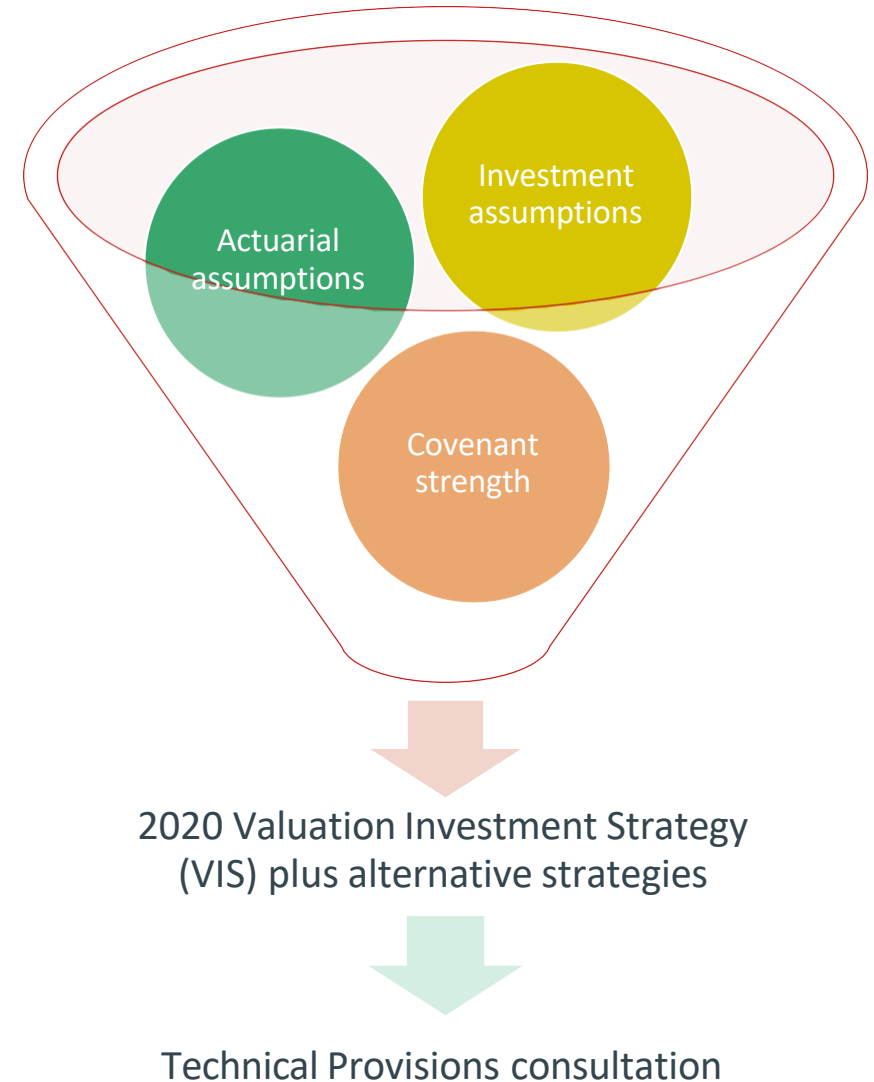


Investment strategy &  
stability modelling



# Background

1. The 31 March 2023 valuation position will be **based on a series of input assumptions**. The assumed investment strategy will be one of these.
2. It is proposed that **the valuation outcome must be allowed to fully emerge** before changes to the strategy should be implemented. The **TP consultation** will however make assumptions on the investment strategy, and show sensitivities around it.
3. We expect that **the current VIS agreed at the 2020 valuation will be the central strategy** for the TP consultation.
4. We will also develop sensitivity analysis (using a range of other strategies) for the TP consultation, to help stakeholders understand the impact of a change to the investment strategy.
5. The final investment portfolio (2023 VIS) will be considered once the TP consultation is complete and the valuation outcome is clearer (and will be accompanied by separate advice from USSIM)



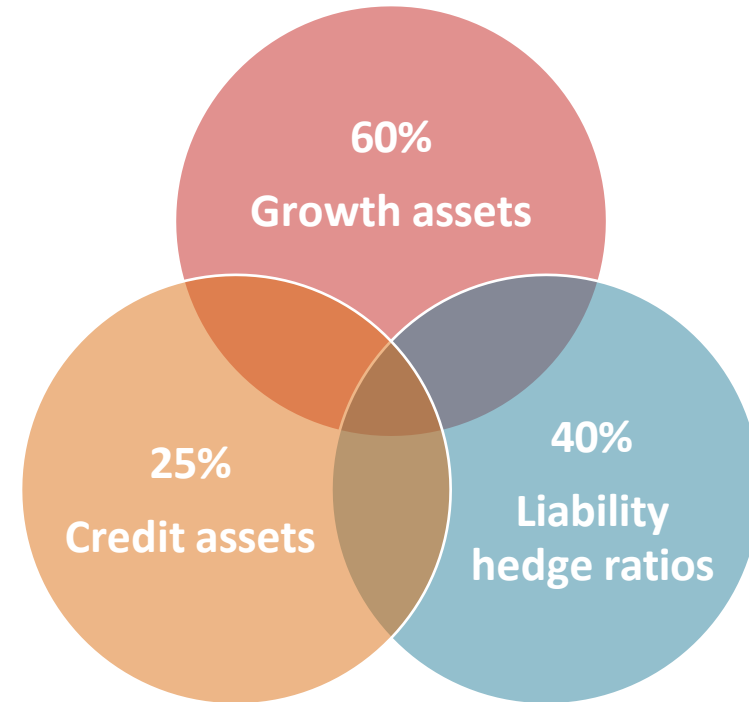
*Many inputs will feed into the TP consultation and the selection of the new Valuation Investment Strategy (VIS) for 2023*



# Why use the current VIS for the central strategy?

## The current VIS<sup>2</sup>:

1. Was the strategy agreed at the last actuarial valuation, which reflects the Trustee's current investment risk appetite.
2. Is consistent with the Trustee's current Statement of Investment Principles (SIP).
3. Is broadly consistent with USSIM's current investment strategy (under the new investment framework)<sup>1</sup>.



<sup>1</sup>The major difference between the current VIS and USSIM's implemented portfolio is USSIM's substantial (35-40%) allocation to illiquid investments.

<sup>2</sup>Please note, the percentages to growth and credit assets are capital allocation weights. However, the liability hedge ratios are not capital weights, they reflect the extent to which the strategy is protected from interest rate and inflation shocks, and are calculated on a self-sufficiency basis.

# A range of investment strategies could be considered

We propose to use the current VIS as the baseline for the TP consultation. We plan to illustrate the ability of other investment strategies (around the VIS) to support the TPs and to consider scheme stability.

1. **The proposed range is simplified and illustrative in nature** (e.g. it does not allow for an updated Trustee investment risk appetite, covenant strength or actuarial advice).
2. We propose to use this range to help the IC, Trustee and stakeholders gain an **insight into the sensitivity** of the decision on investment strategy as part of the actuarial valuation.

We are working on the suite of risk, return and stability metrics for each of these strategies:



*The portfolios underpinning this range are indicative in nature and are intended to assist stakeholders understand the sensitivity of the valuation outcome to the investment strategy decision.*

*Analysis of the final 2023 VIS will take place later in the year post the TP consultation and as part of the stability workstream*

3. Investment Balanced Scorecard for DB and DC, an update on our performance review and reporting



# A recap of the Investment Framework

The new Investment Framework for DB and DC takes **a more holistic approach** to both risk management and the assessment of USSIM's investment management performance.

The rationale of the Investment Framework was to:

1. Remove the **disproportionate focus** on the Reference Portfolios (for risk and return purposes)
2. **Better align** USSIM efforts to the trustee's wider objectives and investment policies and make USSIM **more accountable** for the trustee's wider DB and DC goals
3. Introduce a **multi-faceted view of risk** through Key Risk Indicators (in line with the trustee's Risk Appetite Statements).

The Investment Framework includes Investment Key Risk Indicators for risk management and an **investment balanced scorecard** for assessing USSIMs investment performance

# What does the investment balanced scorecard look like?

The investment balanced scorecard takes a balanced view of investment performance against the backdrop of USSIM's investment objectives and the interests of the scheme's members and employers.

*There are investment balanced scorecards for both DB and DC.*

*Both scorecards use the same high-level categories, but have different underlying metrics.*



*USSIM is assessed by the IC on a scale of:*

- *Very Good*
- *Good*
- *Average*
- *Poor*
- *Very Poor*



# The metrics for the DB scorecard

## 1. INVESTMENT RETURN

### a. Realised return

- i. Versus required return
- ii. Versus expected returns

### b. Funding measures

- i. Probability of Technical Provisions full-funding
- ii. Evolution of Technical Provisions funding level
- iii. Evolution of Self-Sufficiency funding level

## 2. INVESTMENT RISK

### a. Deficit risk

- i. A projection of the Scheme's affordability
- ii. Self-sufficiency liability hedge ratios
- iii. Asset liability volatility and Value at Risk 95

### b. Long-term hedging attributes

- i. The contribution from longer-term inflation sensitive assets

## 3. ACTIVE MANAGEMENT

### a. Asset allocation

- i. Return versus market comparators

### b. Public markets

- i. Return over benchmarks
- ii. Information ratio
- iii. Number of mandates to have outperformed

### c. Private markets

- i. Return over benchmarks
- ii. Quality and quantity of matching assets originated
- iii. Number of mandates to have outperformed

## 4. PORTFOLIO RESILIENCE

### a. Liquidity

- i. The probability of running out of cash
- ii. The probability of running out of collateral

### b. Counterparty risk

- i. The probability of losing 0.5% of Scheme NAV from a counterparty default

## 5. RESPONSIBLE INVESTMENT

### a. Net zero ambition

- i. An assessment of how USSIM is delivering versus the Scheme's net zero ambition

### b. ESG integration

- i. An assessment of how USSIM is integrating ESG factors (including reporting and stewardship)

## 6. INVESTMENT ADVICE

### a. IC assessment of USSIM advice

- i. The annual IC advice survey
- ii. A qualitative assessment by the IC

# How is investment performance assessed?

Performance is assessed by the Investment Committee with input from USSIM, trustee executives and external advisors from Mercer (for DB) and LCP (for DC).

The assessment considers many aspects of investment performance, using a range of metrics considering changing market conditions and trustee requirements.

The metrics are either calculated or overseen by the independent risk and performance function under the Chief Risk Officer, who also provides input into the IC discussion.

## 4. Responsible Investment and Net Zero update



We have set an ambition for our investments to be Net Zero by 2050, if not before.

We believe climate change presents a significant financial risk. Our primary duty is to make sure we can pay our members' pensions when due. Responsible investments that provide good returns and help tackle climate change can play an important part in this.

- We will focus on encouraging governments and the businesses in which we invest to transition to Net Zero.
- Divestment will not address the climate challenge.
- We need a seat at the table to influence and drive change.



# Our progress so far

We've set interim targets as milestones in our journey to Net Zero

We've introduced a 'climate tilt' to our portfolio

We've announced a new £500m Sustainable Growth mandate

We've invested more than **£1.9bn** in renewable energy and clean technology

We will continue to engage with governments and companies to bring about change



# Find out more in our Task Force on Climate Related Financial Disclosures (TCFD) report



[uss.co.uk/how-we-invest/responsible-investment](https://uss.co.uk/how-we-invest/responsible-investment)