# Interest Rate and Currency Risks

The factors behind interest rate and currency movements are diverse. Market participants are continuously reacting to reported macro-economic data and information regarding financial market and commercial cash flows. Hence, risk factors affecting interest rates and foreign exchange rates are many.

### **Interest Rate and Currency Risks**

#### **External drivers**

Economic cycles, financial market conditions, political decisions, central bank actions, legal and regulatory environments, international trade flows

• Unfavorable changes in interest rates

## Interest rate risk (nominal & real rate)

- The value of interest rate exposures decreases immediately
- The future investments are made at unfavorable interest rate levels

 Unfavorable changes in foreign currency rates

#### **Currency risk**

- The value of foreign currency transaction exposures decreases
- The base currency value of net investment in foreign subsidiaries decreases

Changes in fair values

Negative impact on financial results and adjusted solvency capital arising from fair value changes

### Interest Rate Risk

Interest rate sensitivity in terms of the average duration of fixed income investments was in If P&C 1.1 years and in Mandatum Life 1.8 years. These duration figures include the effect of hedging derivatives.

In addition to hedging purposes, derivatives are used to utilize market view or to mitigate risks at balance sheet level. In both cases derivatives are booked as trading derivatives at fair value through profit or loss in financial accounting.

## **Currency Risk**

Currency risk can be divided into transaction and translation risk. Transaction risk refers to currency risk arising from contractual cash flows in foreign currencies related to insurance activities, investment operations and foreign exchange transactions. Hence, transaction risk includes various balance sheet items and it can be seen as balance sheet risk. In Sampo Group the net foreign currency exposure is considered as a separate asset class and it is managed within investment portfolio activities. Open transaction risk positions are identified and measured separately for each subsidiary. The net position in each currency consists of the assets, liabilities and foreign exchange transactions denominated in the particular currency.

If P&C writes insurance policies that are mostly denominated in the Scandinavian currencies and in euro. In If P&C, the transaction risk is reduced by matching technical provisions with investment assets

in the corresponding currencies or by using currency derivatives.

In Mandatum Life, transaction risk arises mainly from investments in other currencies than euro as the company's technical provisions are almost completely denominated in euro. Mandatum Life's currency risk strategy is based on active management of the currency position. The objective is to achieve a positive return relative to a situation where the currency risk exposure is fully hedged.

The transaction risk positions of If P&C and Mandatum Life against their base currencies are shown in the table Transaction Risk Position, If P&C and Mandatum Life, 31 December 2013. The table shows the net transaction risk exposures and the changes in the value of positions given a 10 per cent decrease in the value of the base currency.

#### **Transaction Risk Position**

If P&C and Mandatum Life, 31 December 2013

	Base Currency	EUR	USD	JPY	GBP	SEK	NOK	CHF	DKK	LTL	LVL	Other	Total, net
If P&C	SEKm												
Insurance operations		-363	-124	-0	-17	41	-2,473	-1	-744	-1	-0	-5	-3,689
Investments		2	565	0	0	60	2,354	0	12	0	0	1	2,994
Derivatives		332	-419	0	17	-99	124	-1	728	0	0	13	694
Total transaction risk, net position, If P&C		-29	21	-0	0	3	4	-2	-5	-1	-0	8	-0
Sensitivity: SEK -10%		-3	2	-0	0	0	0	-0	-0	-0	-0	1	-0
Mandatum Life	EURm												
Technical provisions		0	0	0	0	-4	0	0	0	0	0	0	-4
Investments		0	1,056	7	237	39	3	96	17	2	0	185	1,641
Derivatives		0	-885	-6	-219	70	108	-94	0	0	0	-73	-1,099
Total transaction risk, net position, Mandatum Life		0	171	1	18	105	111	2	17	2	0	112	538
Sensitivity: EUR -10%		0	17	0	2	10	11	0	2	0	0	11	54

If P&C's transaction risk position in SEK represents exposure in foreign subsidiaries/branches within If with base currency other than SEK.

Sampo plc's transaction risk position is related to SEK denominated dividends paid by If P&C and to debt instruments issued in other currencies than euro.

In addition to transaction risk, Sampo Group and its

insurance subsidiaries are also exposed to translation risk. Translation risk refers to currency risk that arises when consolidating the financial statements of subsidiaries that have a different base currency than the parent company into the Group financial statements. Sampo Group's consolidated financial

statements are denominated in euro. Changes in foreign exchange rates result in translation differences which are recognized in the consolidated other comprehensive income. Translation risks arise also within If P&C from its subsidiaries whose base currencies are different from that of the parent company.