# **Interest Rate and Currency Risks**

Market participants are continuously reacting to reported macro-economic data and information regarding financial market and commercial cash flows as well as to various events and market rumours. Hence, risk factors affecting interest rates and foreign exchange rates are many.

#### Interest Rate and Currency Risks

#### **External drivers**

Economic, social and financial market conditions, political decisions, central bank actions, laws, taxation and regulations, 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 exchange rates

#### **Currency risk**

- The value of foreign currency transaction exposures decreases
- The base currency value of net investments 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 1.0 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. 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 2014. 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 2014

	Base Currency	EUR	USD	JPY	GBP	SEK	NOK	CHF	DKK	LTL	Other	Total, net
If P&C	SEKm											
Insurance operations		-405	-146	-0	-13	-12	-2,382	-9	-748	-1	-7	-3,724
Investments		1	442	1	0	56	2,603	0	150	0	4	3,257
Derivatives		356	-268	-0	6	-64	-275	-20	523	0	2	259
Total transaction risk, net position, If P&C		-48	28	1	-7	-20	-54	-29	-75	-1	-1	-208
Sensitivity: SEK -10%		-5	3	0	-1	-2	-5	-3	-7	-0	-0	-21
Mandatum Life	EURm											
Technical provisions		0	0	0	0	-2	0	0	0	-0	0	-2
Investments		0	1,326	23	270	51	10	115	324	3	248	2,370
Derivatives		0	-952	-31	-239	-32	1	-125	-306	0	-95	-1,779
Total transaction risk, net position, Mandatum Life		0	374	-8	30	17	11	-10	18	3	153	589
Sensitivity: EUR -10%		0	37	-1	3	2	1	-1	2	0	15	59

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 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.