



## Deloitte Actuarial & Quantitative Solutions Helping you meet financial reporting & disclosure requirements

**... and optimizing your Financial Risk management solutions.**

“Proper use of quantitative solutions would help clients assess their various financial risk exposures...”

### How can we help you?

Reporting under IFRS is no longer an all accountant's affair but is increasingly taking on a multi-disciplinary approach. The enormous requirements of IFRS now demand the input of quantitative analysts, actuaries, applied mathematicians and financial analysts. IASB issued standards like IFRS 13 on fair value measurements; IAS 39/IFRS 9/IFRS 7 on financial

instruments recognition, measurement and disclosures are heavily quantitative in nature especially where entities are parties to complex contracts or run a functioning risk management unit.

As a direct response to the above, Deloitte now offers a range of actuarial & quantitative services to help clients adequately meet IFRS requirements and better leverage on the advantages that it presents. Proper use of

quantitative solutions would help clients assess their various financial risk exposures, determine measurement estimates of financial risk exposures within reasonable confidence levels, and propose measures to adequately manage such risks.

**Benefits we offer:**

- Assist clients in complying with financial reporting, regulatory and other industry specific requirements

- Forecast of likely unfavourable market positions and development of financial risk management measures to reduce exposures
- Helping clients adopt best practice financial risk management practices
- Assist client with adequate financial planning to mitigate liquidity, shortfall and other financial risk
- Help client develop financial management techniques

- capable of effectively managing various financial risk exposures
- Augment clients' business profitability enhancement initiatives
- Assess to expertise of Deloitte's global pool of finance professionals
- Helping clients adopt complex standards like IFRS 9 & IFRS 15

Actuarial services	Quantitative solutions
<p><b>Retirement Benefits services</b> </p> <ul style="list-style-type: none"> <li>• Advise on conversion from Defined Benefit to Defined Contribution Plan</li> <li>• Actuarial Advice to Defined Contribution Funds</li> <li>• Assistance with selection of fund administrator and investment managers</li> <li>• Retirement Plan Design &amp; Review</li> <li>• Actuarial Valuation Services (IAS 19)</li> <li>• Plan Participant Education</li> <li>• Advisory &amp; Consulting</li> <li>• Reporting Disclosures Support Services</li> <li>• Regulatory Compliance Advisory &amp; Audit support</li> <li>• Retirement Benefit Outsourcing</li> </ul>	<p><b>Fair Valuation &amp; Value-in-use estimation</b> </p> <ul style="list-style-type: none"> <li>• Valuation of Derivative and Embedded Derivative Contracts</li> <li>• Available-for-sale Unquoted Equity Investments Valuation</li> <li>• Goodwill Accounting &amp; Impairment Testing</li> <li>• IAS 39 credit modelling; Impairment Testing and Analysis, IFRS 9 transition and Implementation</li> <li>• Credit Risk Analysis and Stress Testing</li> <li>• Stock Options Fair Value Estimates and Accounting</li> <li>• Hedge Accounting Advisory, Documentation &amp; Review</li> <li>• Financial Instruments Contract Interpretation &amp; Financial Instrument Advisory Services</li> </ul>
<p><b>Insurance Services (Life Insurance &amp; Financial Services)</b> </p> <ul style="list-style-type: none"> <li>• Liability Adequacy Test</li> <li>• Product Development &amp; Management</li> <li>• Financial Reporting &amp; Analysis; IFRS 4 Implementation</li> </ul>	<p><b>Insurance Services (Non-Life Insurance)</b> </p> <ul style="list-style-type: none"> <li>• Reserve Evaluation &amp; Variability</li> <li>• Underwriting &amp; Operations Claims Consulting</li> <li>• Valuation Services &amp; Advisory</li> <li>• IFRS 4 Implementation</li> </ul>

# Contacts

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