

ALAN MCDONAGH

Consulting Actuary

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Current Responsibility

Alan is a consulting actuary in Milliman's Dublin office. Alan joined the Dublin practice in 2022.

Professional Work Experience

Alan's professional experience is rooted in the life assurance sector, specifically within the Irish domestic and cross-border life assurance markets. His areas of expertise encompass valuation and financial reporting, the development, maintenance, and validation of actuarial modelling systems, risk management, capital modelling, and financial projections. He also has a strong understanding of embedded value and has undertaken a variety of consulting work. Alan has handled a diverse range of business portfolios, including unit-linked business, non-linked business, and variable annuity business.

Alan has in-depth Solvency II knowledge and experience and has supported clients in meeting Solvency II requirements across the three pillars.

Alan has substantial IFRS 17 knowledge and experience and has supported clients automating their reporting processes using a combination of Target Operating Model (TOM) Optimisation, Python, Power Query, SQL and VBA.

Alan has extensive actuarial modelling experience. He has been involved in the development, ongoing maintenance, and validation of actuarial and hedging models across multiple modelling systems (i.e. Milliman Mind, MG-ALFA, Python, PathWise).

Professional Designations

Fellow of the Society of Actuaries in Ireland

Chartered Enterprise Risk Actuary (CERA)

Education

Bachelor of Actuarial and Financial Studies, University College Dublin

Affiliations

Alan is a member of the Data Science Committee of the Society of Actuaries in Ireland.