

Young Actuaries for a Sustainable World



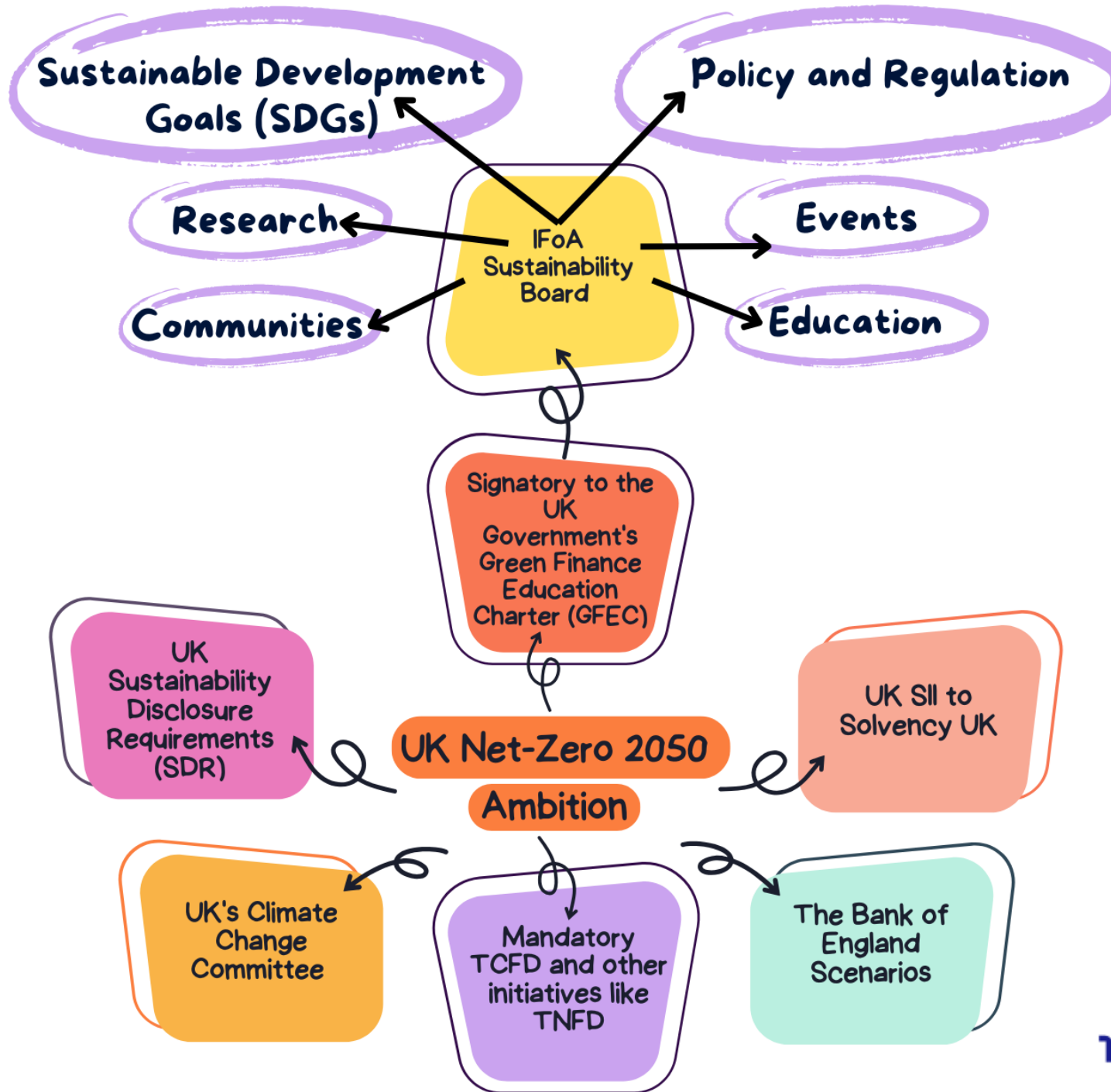
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Forvis Mazars



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Institut des actuaires



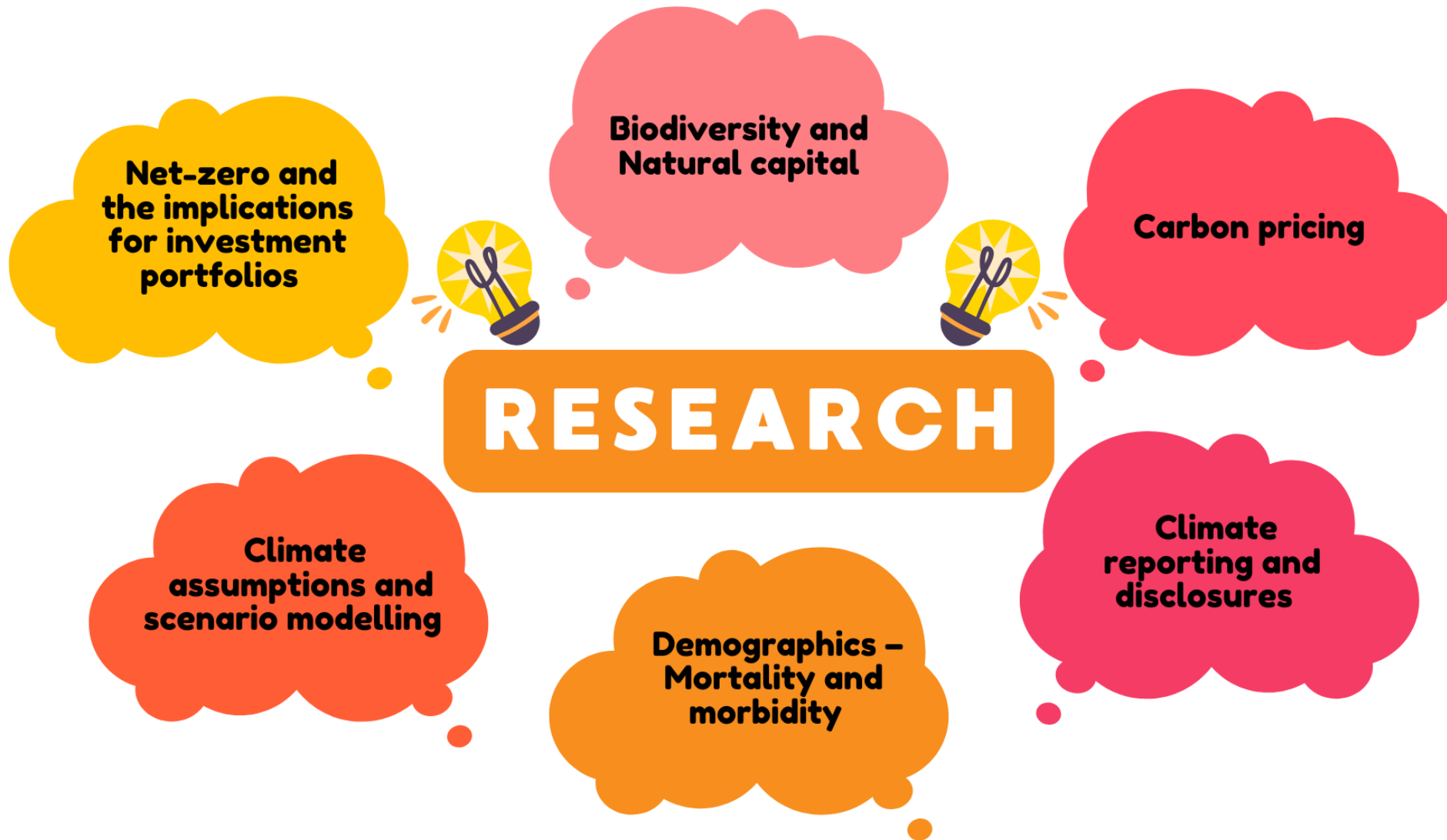
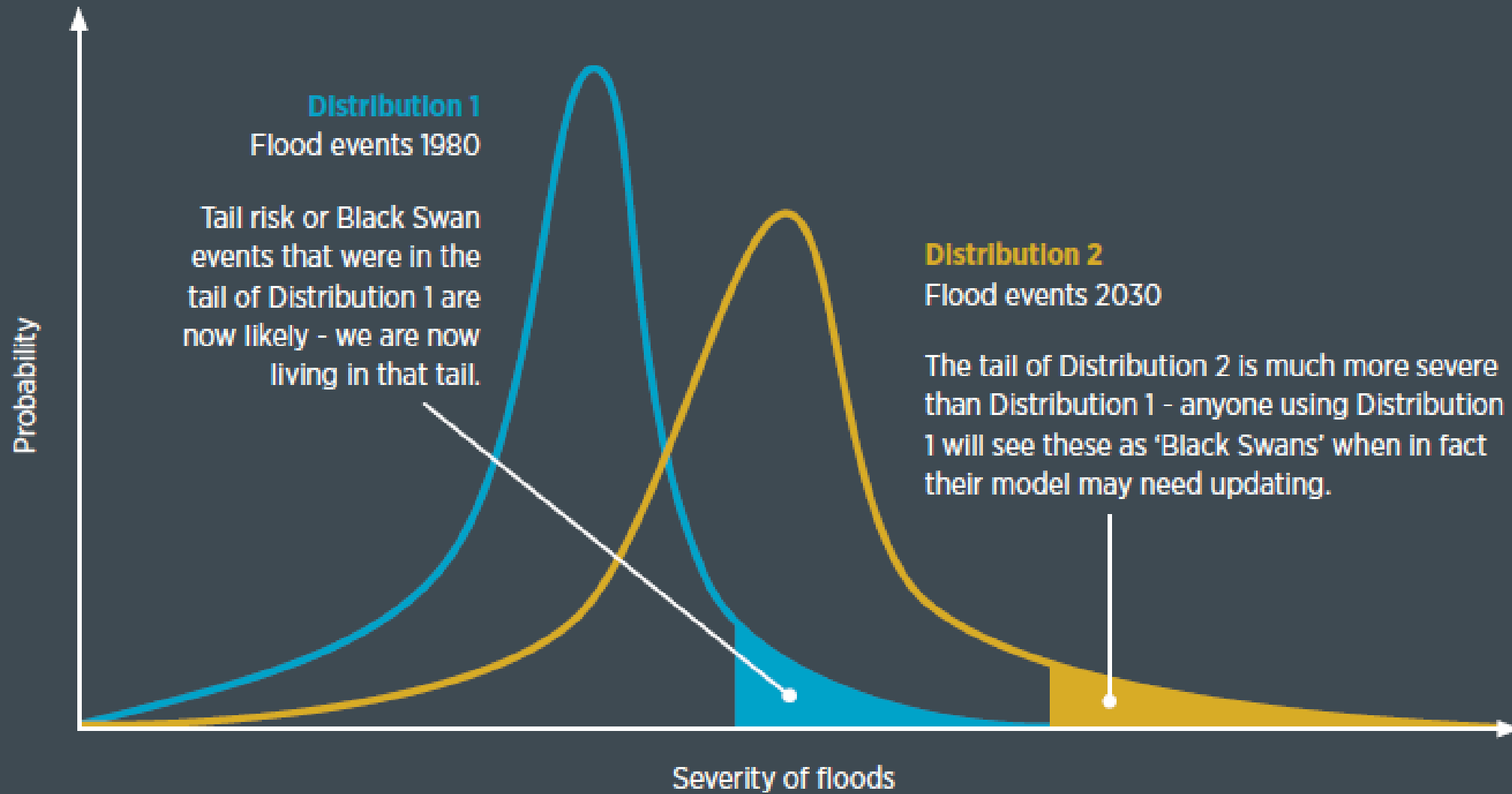
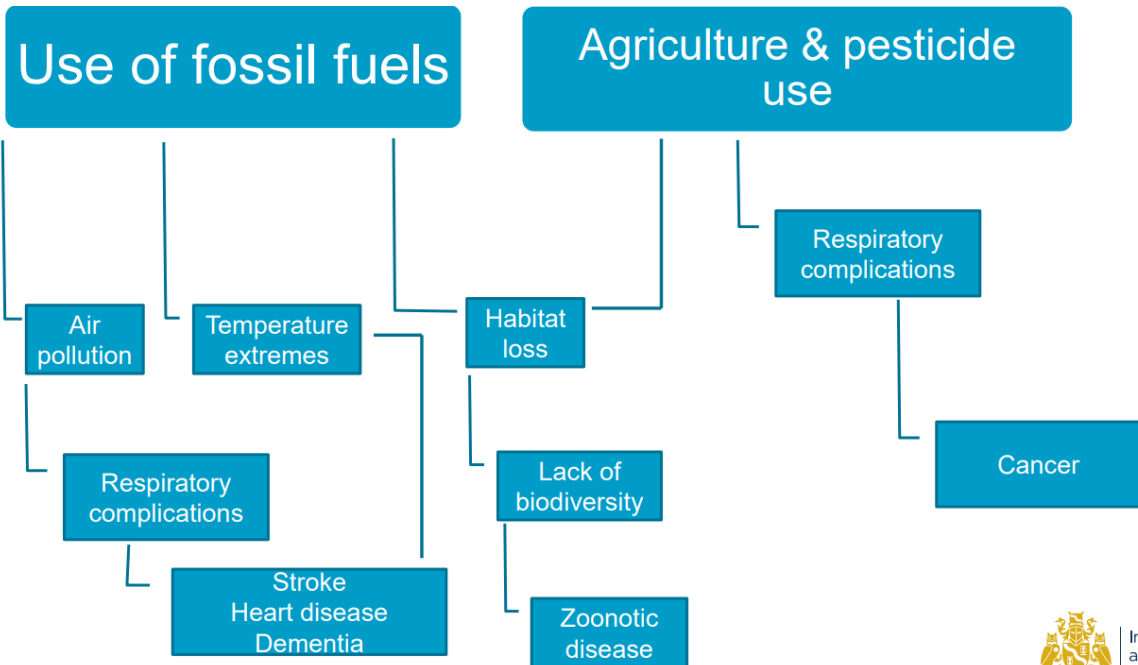
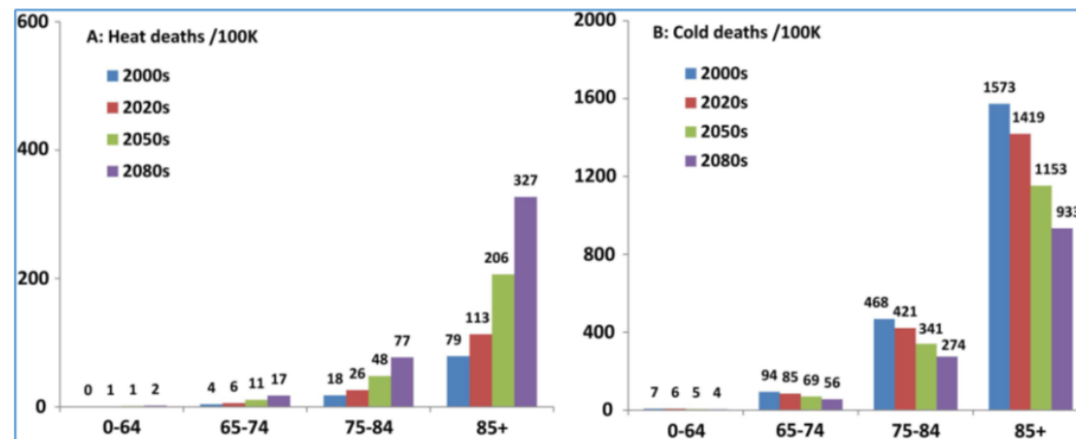


Figure 1: Tail risk and shifting distributions (Illustrative)





Extreme Temperatures



Mean estimates of heat-related and cold-related deaths in the UK per year per 100 000 population, by age group

Qualification: Associate

Core Principles	Actuarial Statistics	Actuarial Mathematics	Business	
	Actuarial Statistics CS1	Actuarial Mathematics CM1	Business Finance CB1	Business Economics CB2
	Risk Modelling and Survival Analysis CS2	Financial Engineering and Loss Reserving CM2	Business Management CB3	
Core Practices	Actuarial Practice	Modelling Practice	Communications Practice	
	Actuarial Practice CP1 2 papers	Modelling Practice CP2 2 papers	Communications Practice CP3	

Pass all Core Principles and Core Practice exams



Qualification: Fellow

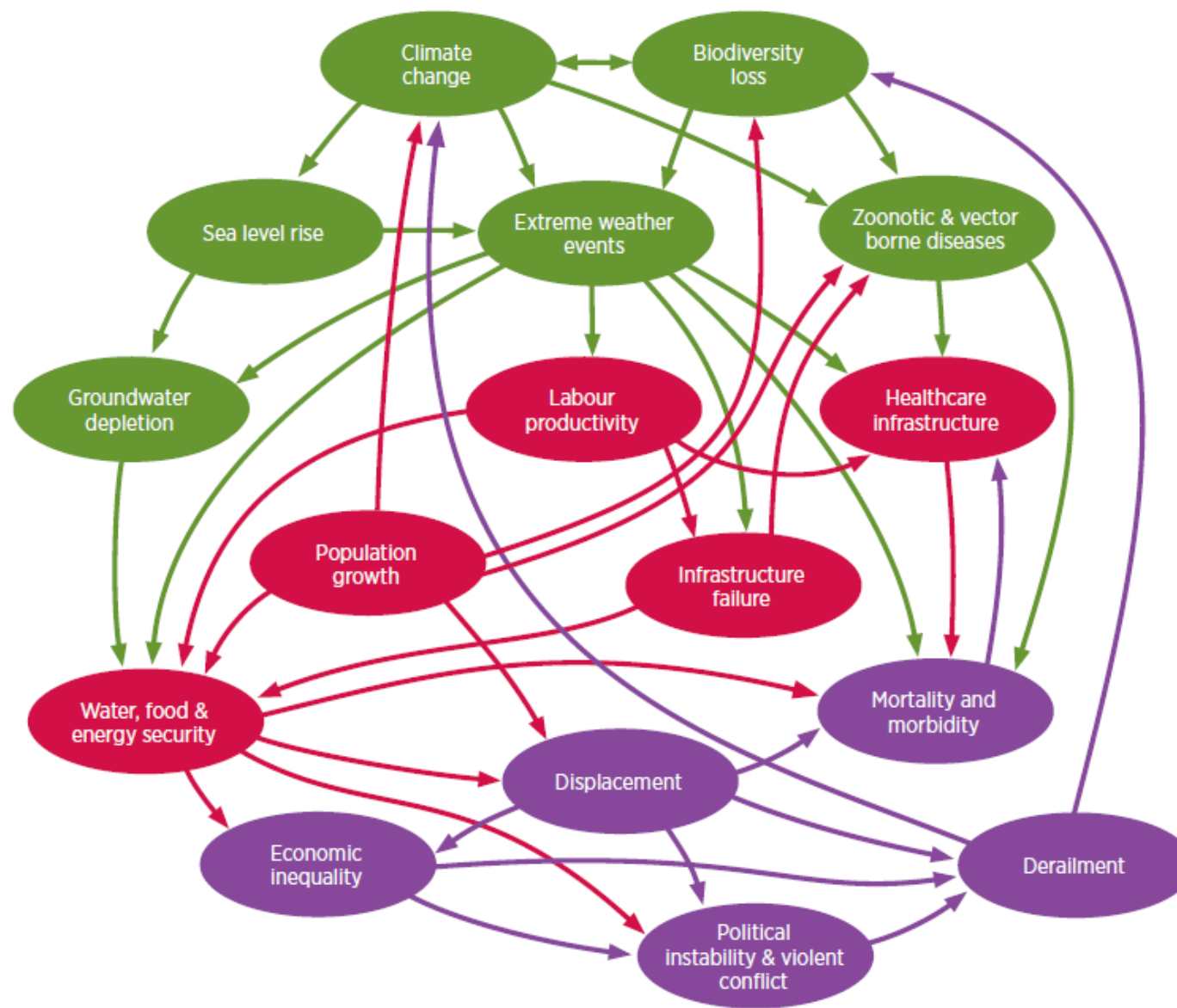
	Alternative	Health and Care	Life Insurance	Pensions and other benefits	Investment and Finance		General Insurance		Enterprise Risk Management	Banking
Specialist Principles	Master's level dissertation SP0	Health and Care Principles SP1	Life Insurance Principles SP2	Pensions and other benefits Principles SP4	Investment and Finance Principles SP5	Financial Derivatives Principles SP6	General Insurance Reserving and Capital Modelling Principles SP7	General Insurance Pricing Principles SP8	Enterprise Risk Management Principles SP9	Banking Principles ASSA B100 Banking Principles (SP10)
Specialist Advanced	Master's level thesis SA0	Health and Care Advanced SA1	Life Insurance Advanced SA2	Pensions and other benefits Advanced SA4	Investment and Finance Advanced SA7		General Insurance Advanced SA3			Banking Advanced ASSA B200 Banking Applications (SA10)

Pass two SP subjects

Pass one SA subject



Figure 12: Climate change as a driver for interconnected risks, a causal loop diagram



● Environmental ● Social risks ● Economic risks

Source: Lucy Saye

Thank you for your attention