



# **Developments in the West**

Ronnie Bowie, FFA

President of the Faculty of Actuaries



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## Four main themes

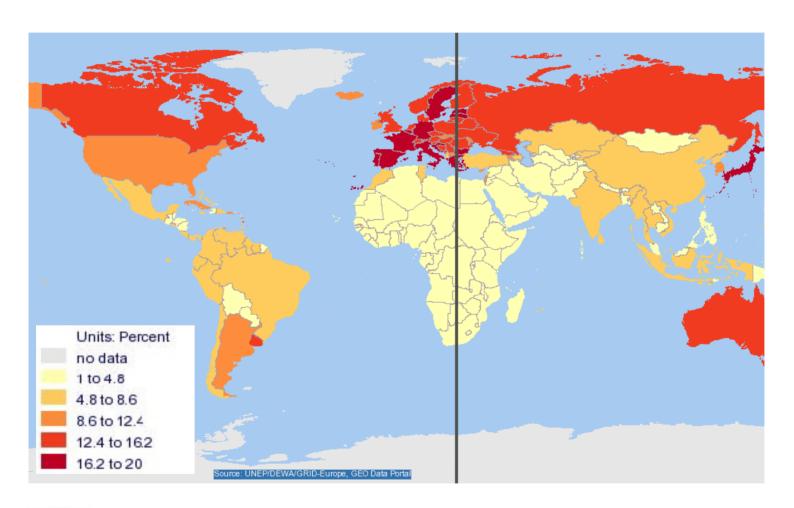


- 1. Demography
- 2. Retirement
- 3. Nature of pension
- 4. Pension Protection



# 1. Demography Percent of population aged 65+: 2005

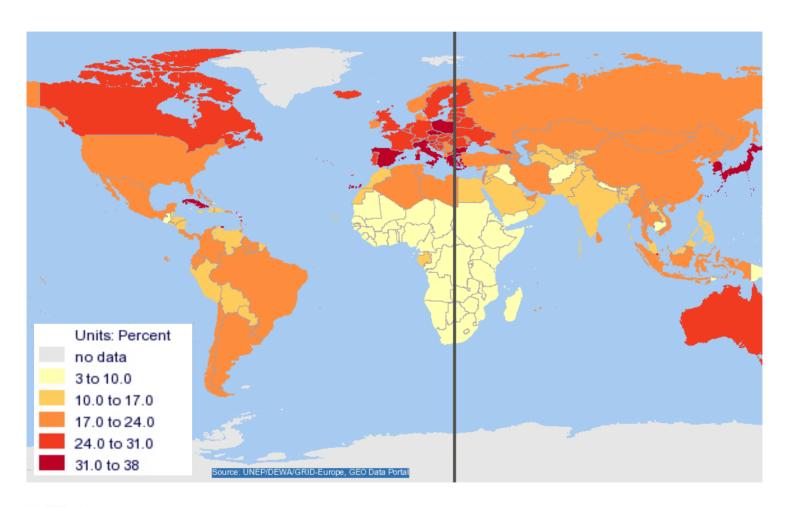






# 1. Demography Percent of population aged 65+: 2050

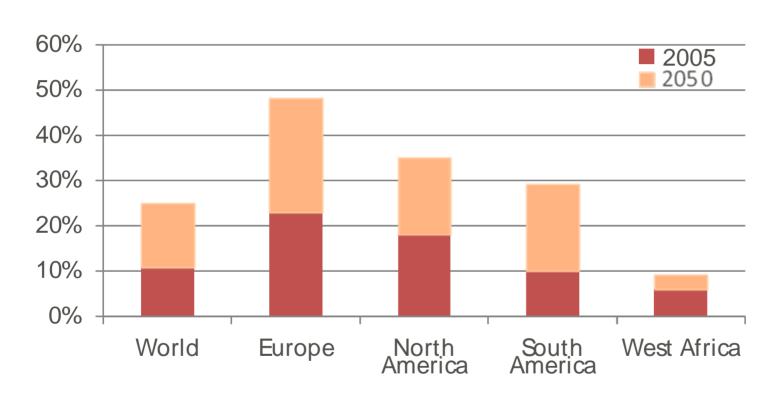






# 1. Demography Actual and projected old-age dependency ratios: 2005 and 2050



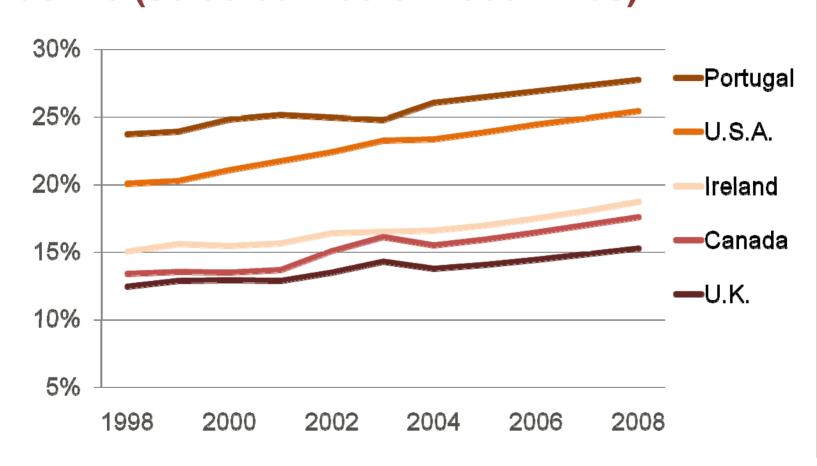


Source: http://esa.un.org/unpp/index.asp?panel=2



# 2. Retirement Rates of 60+ population economically active (selected western countries)







### 3. Nature of Pension Provision



- Pay-as-you-go State benefits unsustainable
- Employer-sponsored defined benefit schemes expensive
- Shifting of risk
  - State to employers and employees (e.g. 'contracting out' of State benefits)
  - Employers to employees (defined benefit to money purchase)
- Backlash from money purchase generation?
- Potential for more innovative risk sharing?



### 4. Pension Protection



- 'Lifeboat' arrangements
  - PBGC in US
  - PPF in UK
- Insurance
  - e.g. German system for book reserve schemes
- 'Proper' solvency
  - e.g. solvency requirements in The Netherlands
  - Solvency II in European Union



## **Questions?**





