

*1st*  
**WORLD**  
CONGRESS ON HEALTHY AGEING

19 – 22 March, 2012

[www.healthyageingcongress.org](http://www.healthyageingcongress.org)

Organised by:



Malaysian Healthy Ageing Society

Co-Sponsored:



World Health  
Organization

# System and Behavioural Redundancy in Technology Deployed to Support Active Ageing

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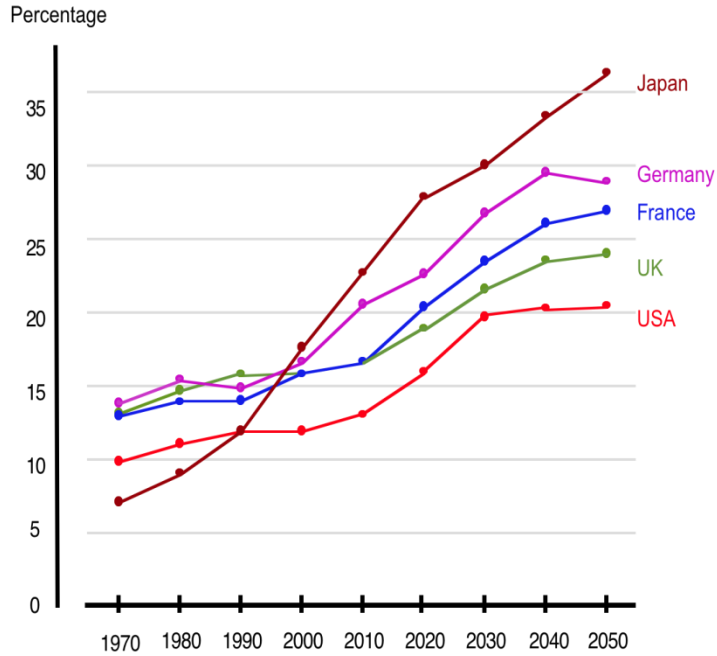
# Introduction

- Health Care systems and population demographic
- Socio Economic pressures
- Technology and Redundancy
- Innovative Technology and Assisted Living
- ESRC Research project

# CHANGING DEMOGRAPHICS

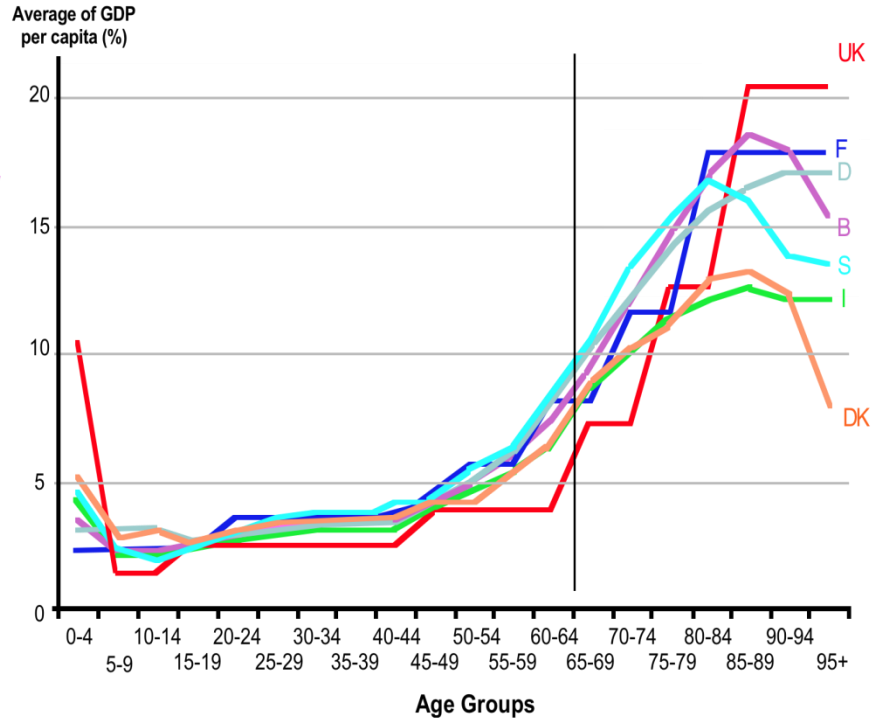
Health Care systems and the demographic

*Elderly Demographic Trends : 65+*



Source: dti Global Watch

*Age Profiles for Public Expenditure per Head*



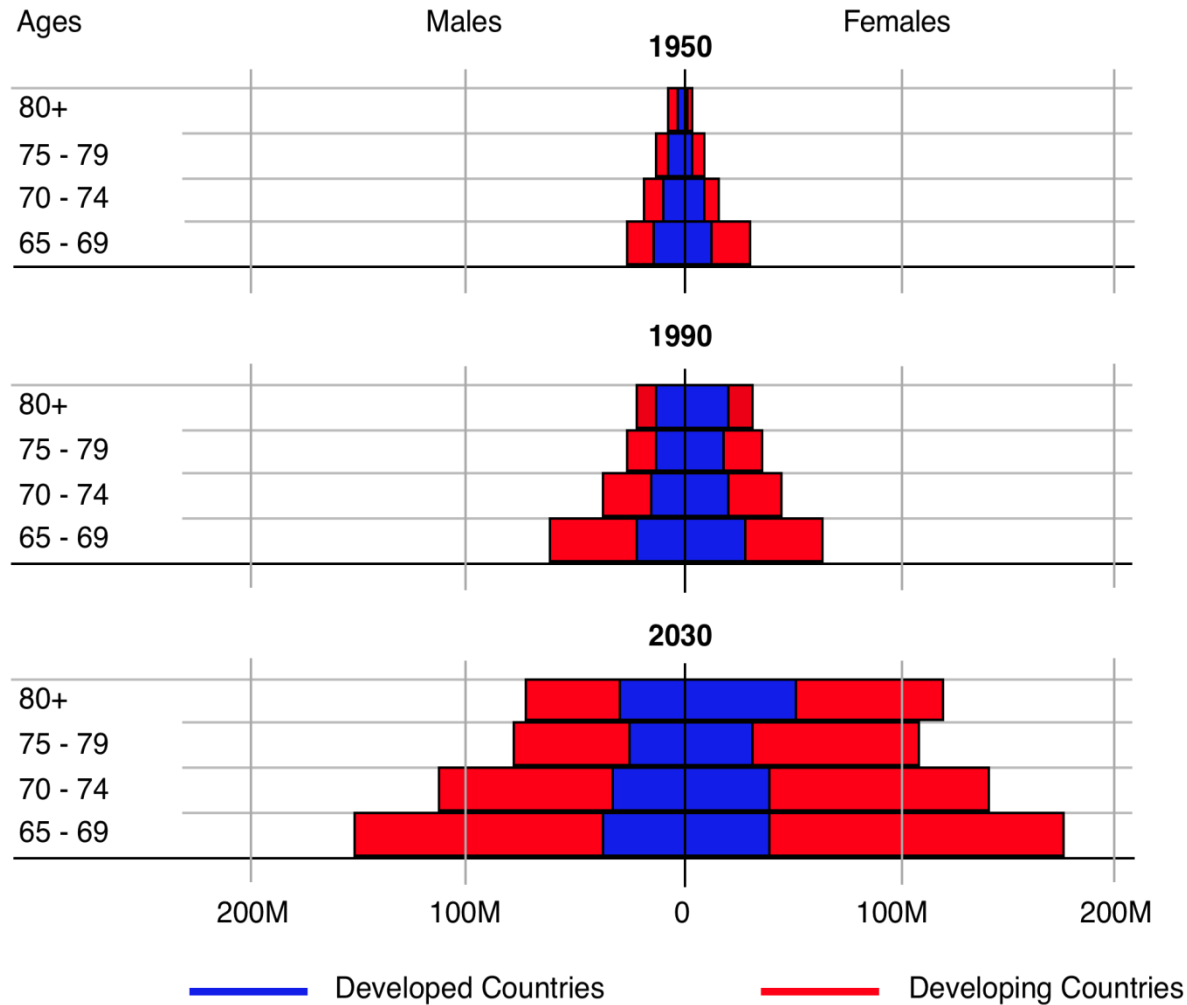
**IMPLICATION: Demands on Health & Social Care will outstrip availability of Care Support Supply and available percentage of GDP**

Figure 1

# Socio Economic pressures

- Cost
- Increased Proportion of Medicated Survival
- Culture Change/ Challenges to established Informal Care
- Expectations of the 65+

# GROWTH IN GLOBAL AGEING POPULATIONS



**Figure 2**

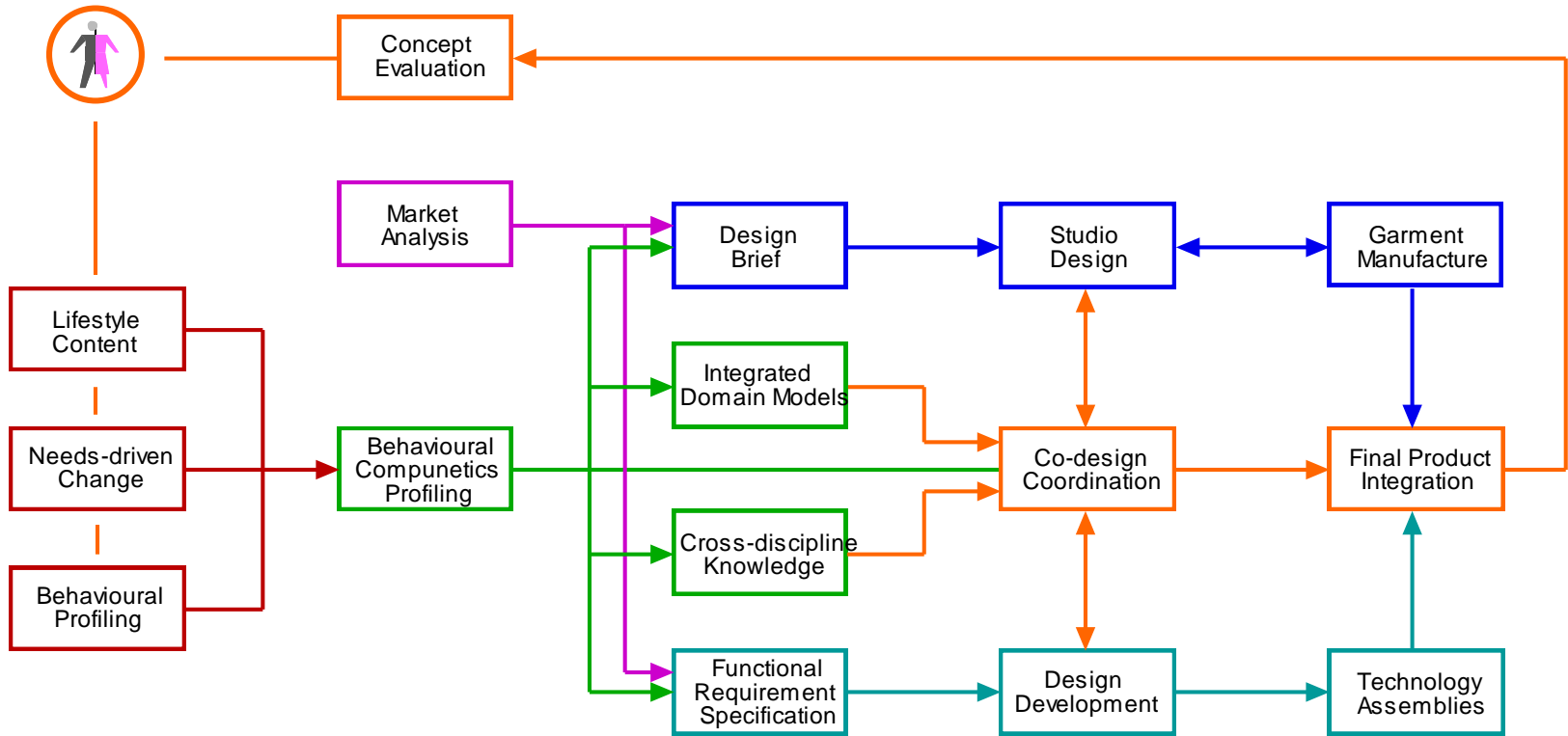
Department of Economic and Social Affairs  
**Population Division**, United Nations report

# Care: The Opportunity That Cannot be missed

## We have seen:

- The huge increase in demand, both actual and predicted
  - Global picture: No Hidden Human capital or Sources of Soft resourcing
- ‘Manpower’ GAP grows and threatens to become un stoppable. If we do not get a head start..will we catch up?

# SMART WEARABLES CO-DESIGN PROCESS

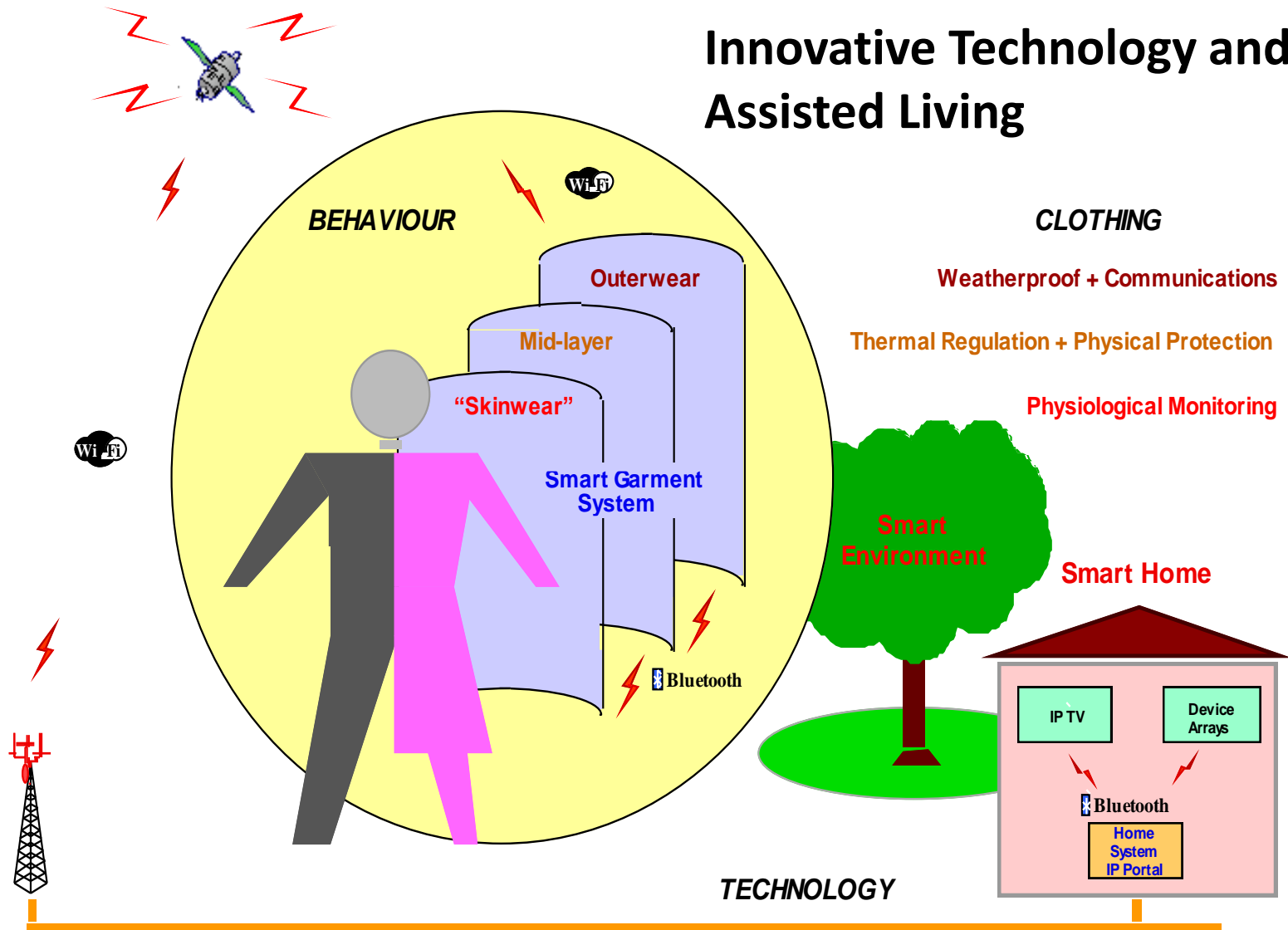


**Technology and the threat of Redundancy**



# NEW DYNAMICS OF AGEING WELL

## Innovative Technology and Assisted Living



Our aim is to add Living to years rather  
than just years to living!

# Even Thinking about Health Reforms



**.....give me a headache**