

**Krzysztof Pater** 



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# Dramatic Demographic Changes

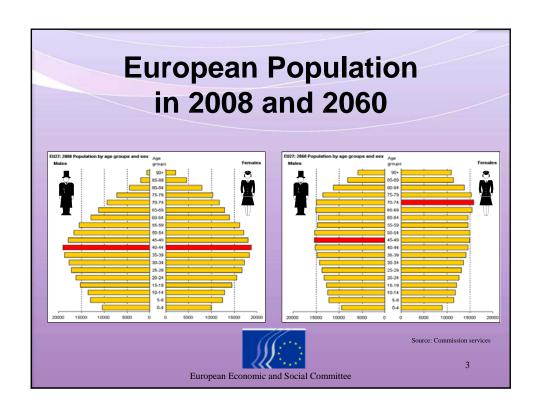
- low fertility rates
- increases in life expectancy



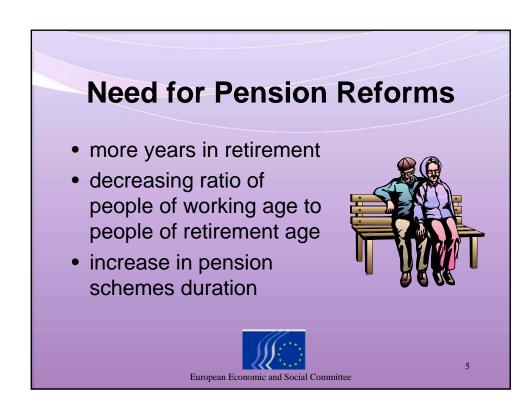
• retirement of the baby-boom generation

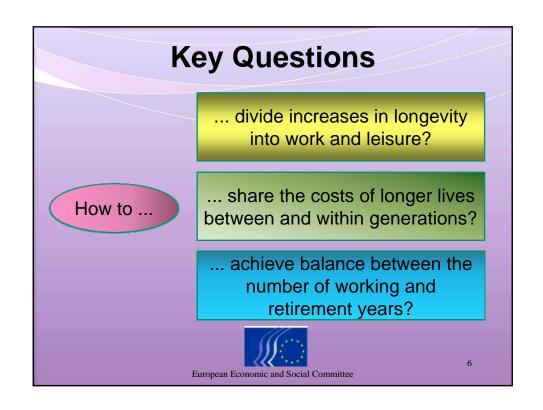


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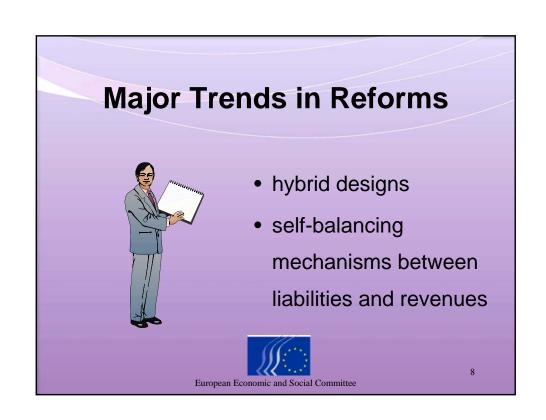












## Most Popular Changes in the Pension Systems

- contribution period: change from "best years" to average life-time earnings
- extended qualifying period for a minimum pension
- equal pension age for women and men
- increased pensionable age
- strengthened bonus-malus system



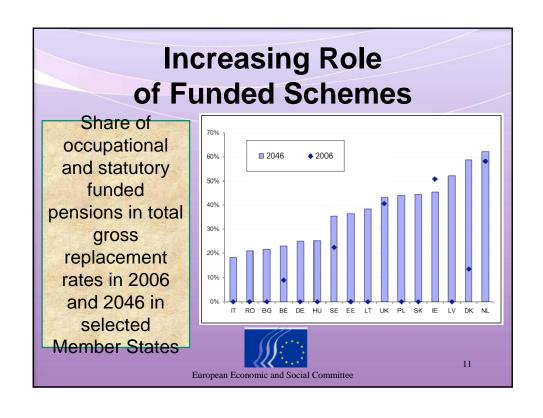
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### Pre-funding as Policy Response to the Demographic Challenge

- new defined-contribution (DC) schemes
- expansion of existing occupational schemes
- reserve funds
- · paying down of national debt



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Variable	valorisation	indexation
Wages	<b>√</b>	<b>√</b>
Prices and wages	<b>√</b>	<b>√</b>
Prices	<b>√</b>	<b>√</b>
Discretionary		<b>√</b>
<b>Progressive</b>	_	$\sqrt{}$

# Labour Market Participation Rates

- male workers (aged 25 to 54 years) at around 90%
- men aged 55 to 64 years declined in the past decades, now there are signs of reversal
- women increased over the past 25 years
- young people (aged 15 to 24 years) declined

European Economic and Social Committee

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# Changes in Theoretical Replacement Rates Change in TRR in pp, 2046-2006 Change in TRR in pp, 2046-2006 Solve in the theoretical Replacement Rates Net TRR in pp, 2046-2006 Net TRR in gross TRR European Economic and Social Committee

