

Workshop A – Northern Europe: regional responses to demographic and energy challenges

Discussant:

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EUROPEAN UNION

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INVESTING IN YOUR FUTURE

The four DEMIFER scenarios

ECONOMY-ENVIRONMENT

<p>GROWING SOCIAL EUROPE</p> <p>High growth/Collectivism</p>	<p>EXPANDING MARKET EUROPE</p> <p>High Growth/Individualism</p>
<p>LIMITED SOCIAL EUROPE</p> <p>Low Growth/Collectivism</p>	<p>CHALLENGED MARKET EUROPE</p> <p>Low Growth/Individualism</p>

DISTRIBUTION-FAIRNESS

Fertility: policy or trend

- Family versus individual goals
Individual goals < > Family goals
- Family Friendly Policy
Weak < > Strong
- Assisted Conception
Privately supported < > Socially supported
- Abortion Law
Restrictive < > Permissive
- Extra Europe effect
Low effect < > High effect
- National Fertility Inequalities
Persistent < > Reduced
- Regional Fertily Inequalities
Persistent < > Reduced

Mortality: policy or trend

- Lifestyle: Smoking
Prevalence falls < > Trend continues
- Lifestyle: Diet/Obesity
Epidemic < > No Epidemic
- Lifestyle: Drinking
Prevalence falls < > Trend continues
- Medical advances
Slow < > Continue
- National Health Inequalities
Persistent < > Reduced
- Regional Health Inequalities
Persistent < > Reduced

Net Migration: policy or trend

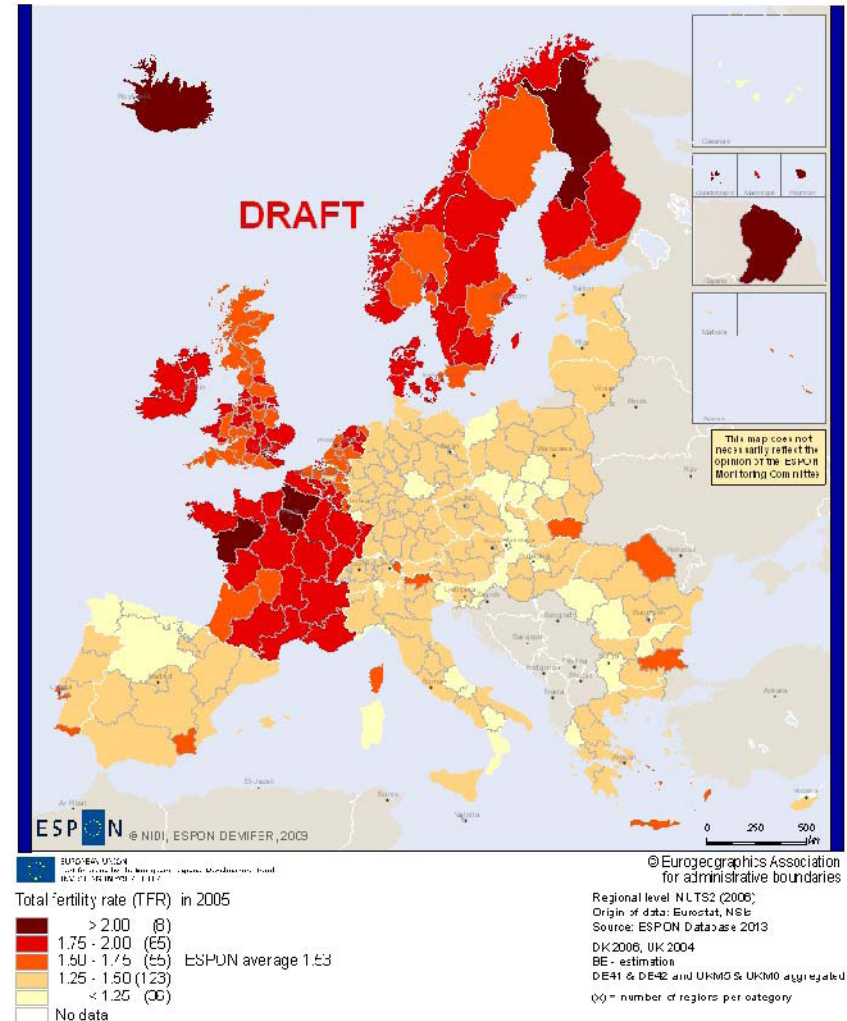
- Total level of migration
Low – Moderate level < > High
- Explicit Extra Europe Migration Policy
Selective entry – Moderate entry – Free entry
- Explicit Interstate Migration Policy
Some restrictions < > Free migration
- Explicit Regional Migration Policy
Focus on strong regions < > Focus on weaker regions

Total fertility rate (TFR), NUTS2 regions, 2005

Effect of economic recession:

- Individual goals
- Family Friendly Policy: ↓
- Assisted Conception: ↓
- Abortion Law: ↓
- Extra Europe Effect ↓
- National Fertility Inequalities ↑
- Regional Fertility Inequalities ↑

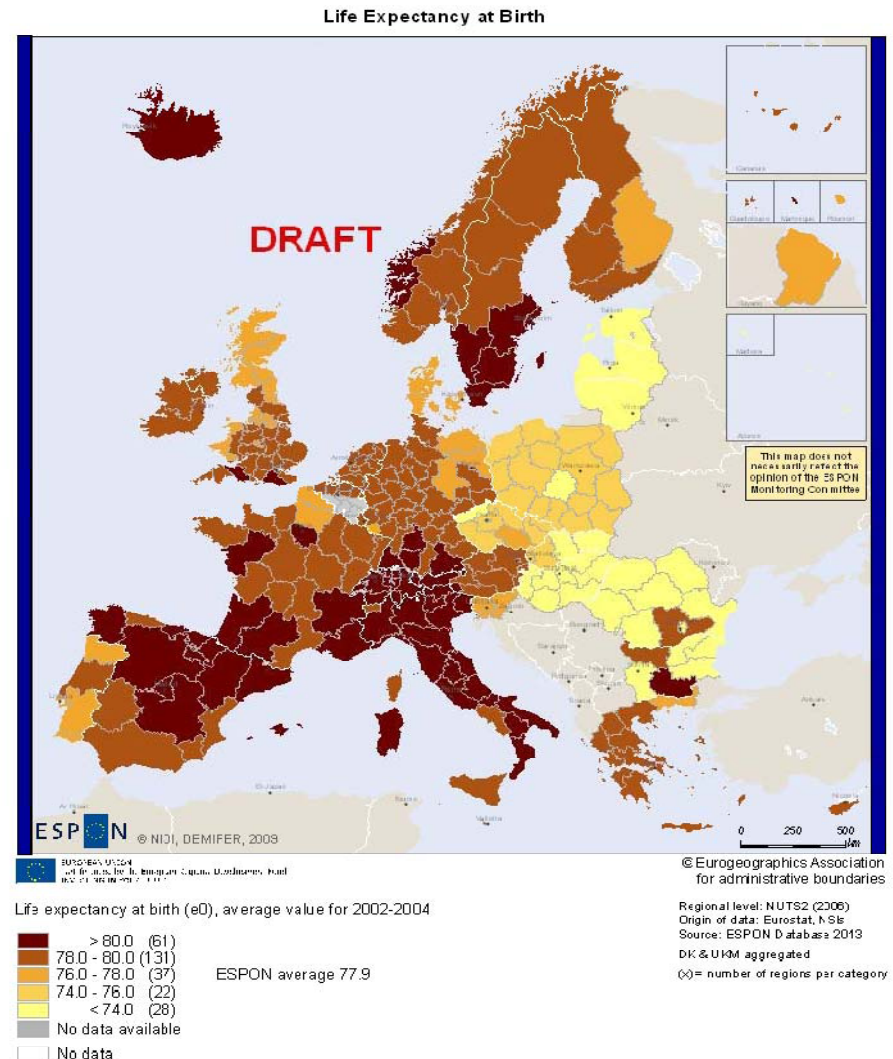
Total Fertility Rate in 2005



Life expectancy at birth (e0), NUTS2 regions, average 2002-2004

Effect of economic recession:

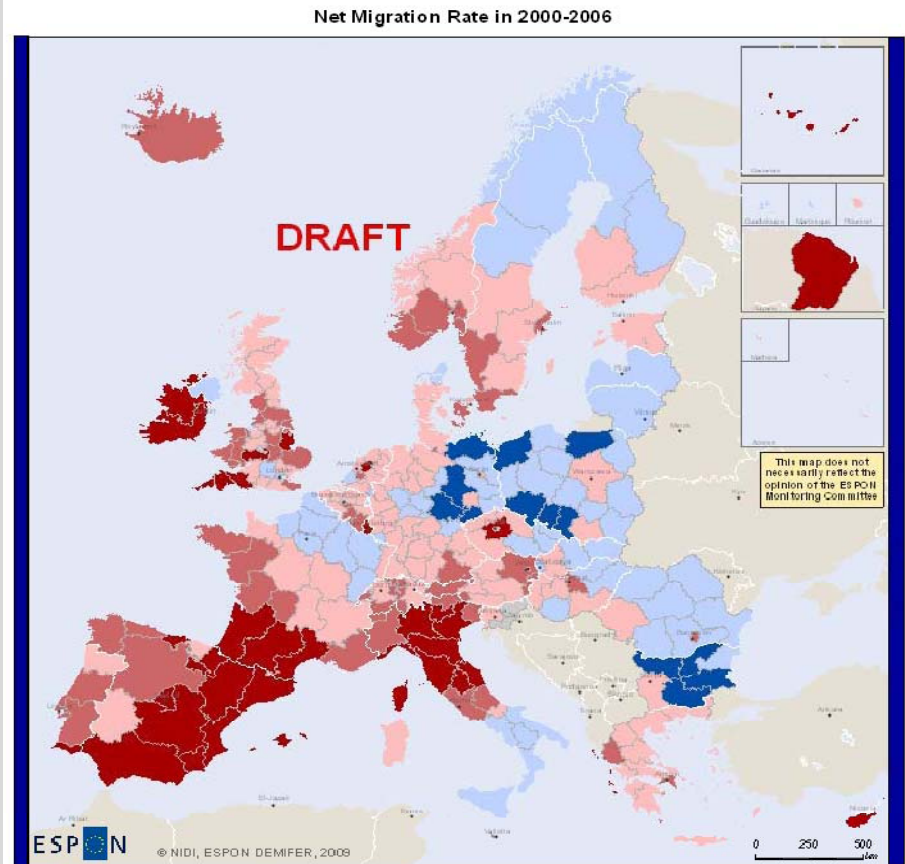
- Life style: smoking ↑
- Life style: diet/obesity ↑
- Life style: drinking ↑
- Medical advances ↓
- National Health Inequalities ↑
- Regional Health Inequalities ↑



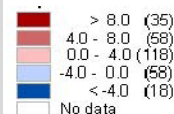
Annual net migration per 1000 inhabitants, NUTS2 regions, average 2000-2006

Effect of economic recession:

- Total level of migration ↓
- Explicit Extra Europe Migration Policy: *selective*
- Explicit Interstate Migration Policy: *selective*
- Explicit Regional Migration Policy: *focus on strong regions*



Net migration per 1000 inhabitants, Annual average rate 2000-2006



Regional level: NUTS2 (2006)
 Origin of data: Eurostat, NSRF
 Source: ESPON Database 2013
 AT, BE, CY, FR, IE, LI, LU, PL 2000-2005; CH 2001-2006;
 DE 2003-2008; IT 2000-2001 & 2003-2006; MT 2001-2005;
 UK 2001-2003
 UKMS & UKMS aggregated
 (x) = number of regions per category

Annual population growth rate, NUTS2 regions, average 2000-2007

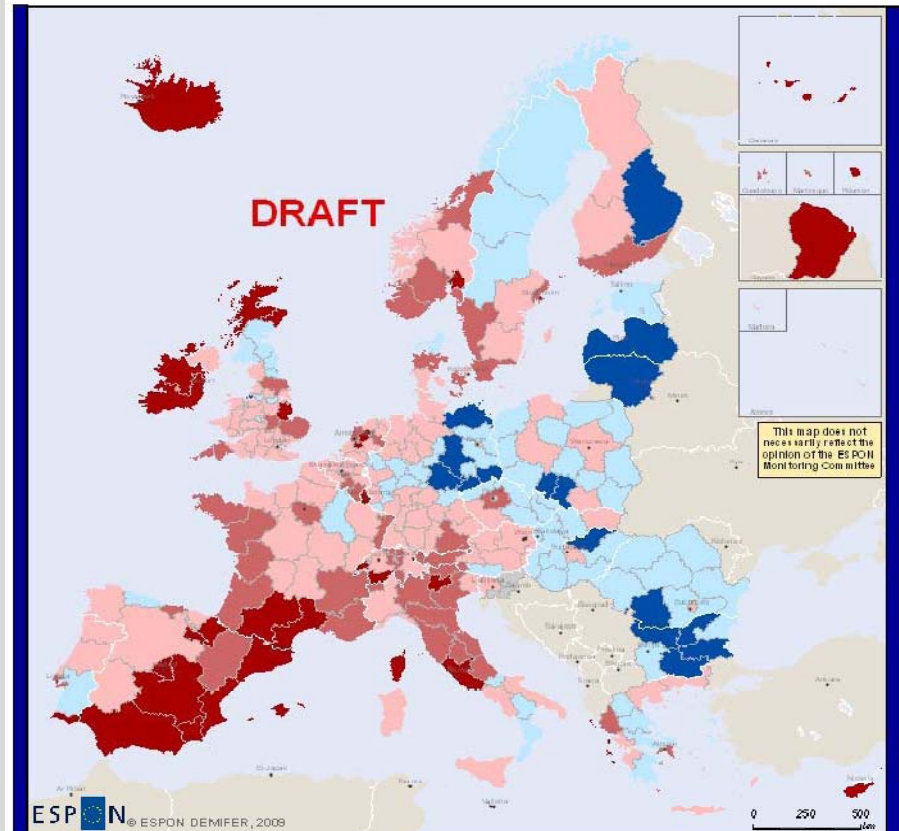
Effect of economic recession:

- Natural growth ↓
- Net migration ↓
- Population growth ↓
- Strong regions: ↑
- Weaker regions: ↓

Relative impact

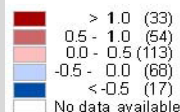
- Northern Europe: ↑
- Western Europe: ↑
- Eastern Europe: ↓
- Southern Europe: ↓

Total population change 2000-2007



ESPON
EUROPEAN UNION
and France, EC, Belgique, Espagne, Allemagne, Italie
Royaume-Uni, République tchèque, Pologne, République slovaque, Hongrie, Roumanie, Bulgarie

Change in total population, annual
average in %, in 2000-2007



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for administrative boundaries

Regional level: NUTS2 (2006)
Origin of data: Eurostat, NISs
Source: ESPON Database 2013

AT, BE, FR & UK 2000-2006;
UKMB & UKMB aggregated

(x) = number of regions per category

Electronic survey of project DEMIFER

www.pbl.nl/demifer

- E.g. Mortality – Smoking:
 - To what extent do such policies exist in you country?
 - To what degree do these policies have an effect currently?
 - How might these policies change in the future?
- Which other policies in you country affect mortality/fertility/ etc? (and further remarks)