

The EU's Grand Challenges

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1. Looking after Europe

Climate change, the environment and food security

- Mitigation
- Adaptation
- Preservation and conservation
- Sustainable agriculture
- Marine resources



2. Keeping the lights on

Energy security

- Legally binding emission targets set for 2020
- Sources of oil and gas
- Renewable sources of energy
- Biofuels, hydrogen and electricity for transport systems
- New generation of nuclear reactors



3. Care for citizens' health and wellbeing

Commission's Health Strategy 2008-2013

- Human and animal health policies for infectious diseases
- Novel and emerging technologies
- Risk-assessment and risk management
- Importance of fundamental animal research



4. Holistic approach to policy-making

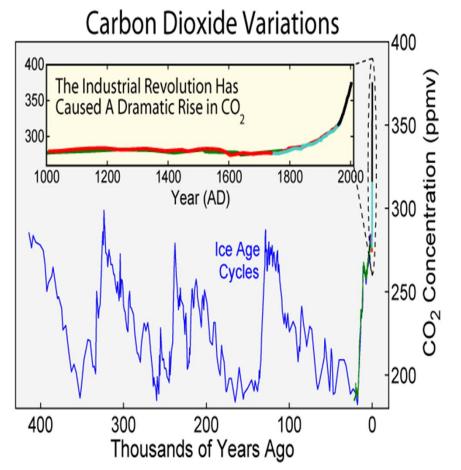
Co-ordination of actions

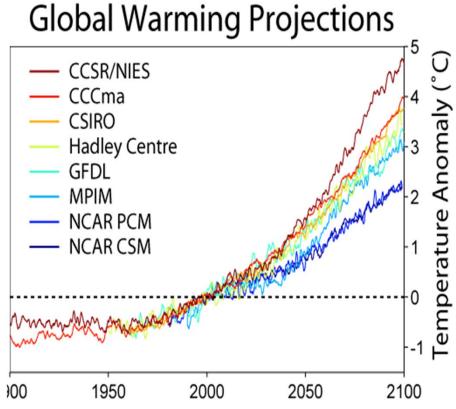
- Synergies climate change and air pollution
- Conflicts biofuels and food security
- Evidence-based policies
- Mobilisation of key experts in Europe

Evidence-based policies - do they work?



Global climate change (Rohde 2006)

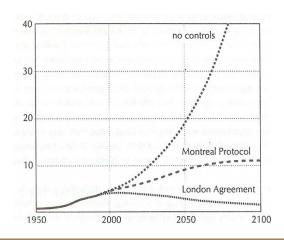


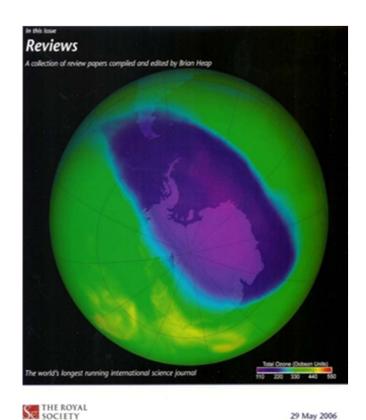


Evidence-based policies - do they work?









Key objectives

- Authoritative
- Repeatable
- Safe
- Independent
- International