



EUROPEAN COMMISSION:



GREEN PAPER ON A EUROPEAN STRATEGY FOR SUSTAINABLE, COMPETITIVE & SECURE ENERGY

WHAT IS AT STAKE – BACKGROUND
DOCUMENT





OVERVIEW



- **CONTEXT: looking back & looking ahead**
- **CURRENT POSITION: political consensus & common goals**
- **GREEN PAPER: priority areas & next steps**





LOOKING BACK

Context



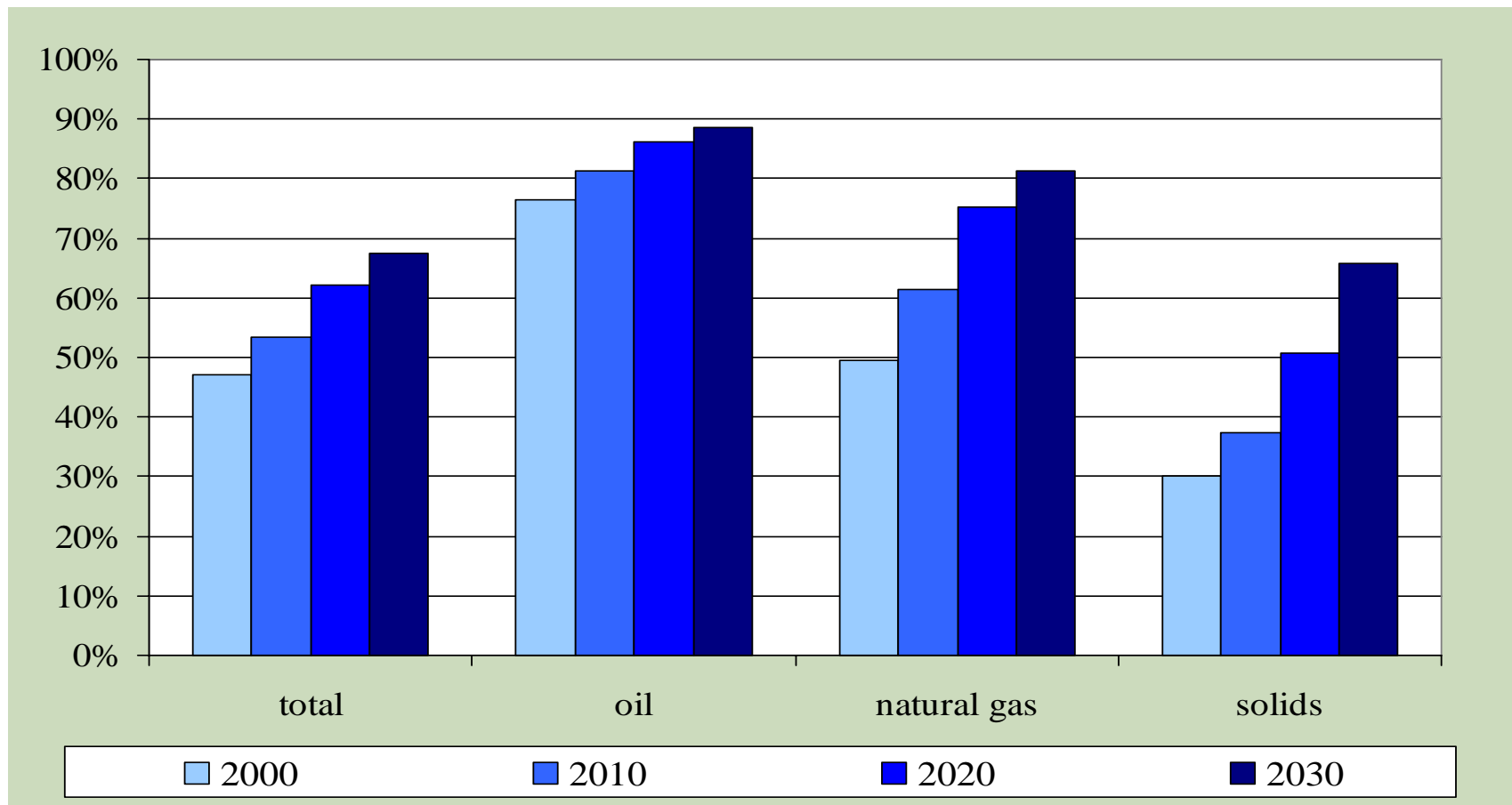
- ECSC, EURATOM → **energy motors of European integration**
- 1973 oil crisis → **Member States pursue national energy goals**
- July 2003 → **draft Constitutional Treaty proposes energy article**
- July 2005 → **G8 summit gives new priority to energy**
- October 2005 → **Heads of State & Government call for common energy policy**
- December 2005 → **Heads of State & Government call for “integrated approach” to energy**





LOOKING AHEAD: EU 25 IMPORT DEPENDENCY (%)

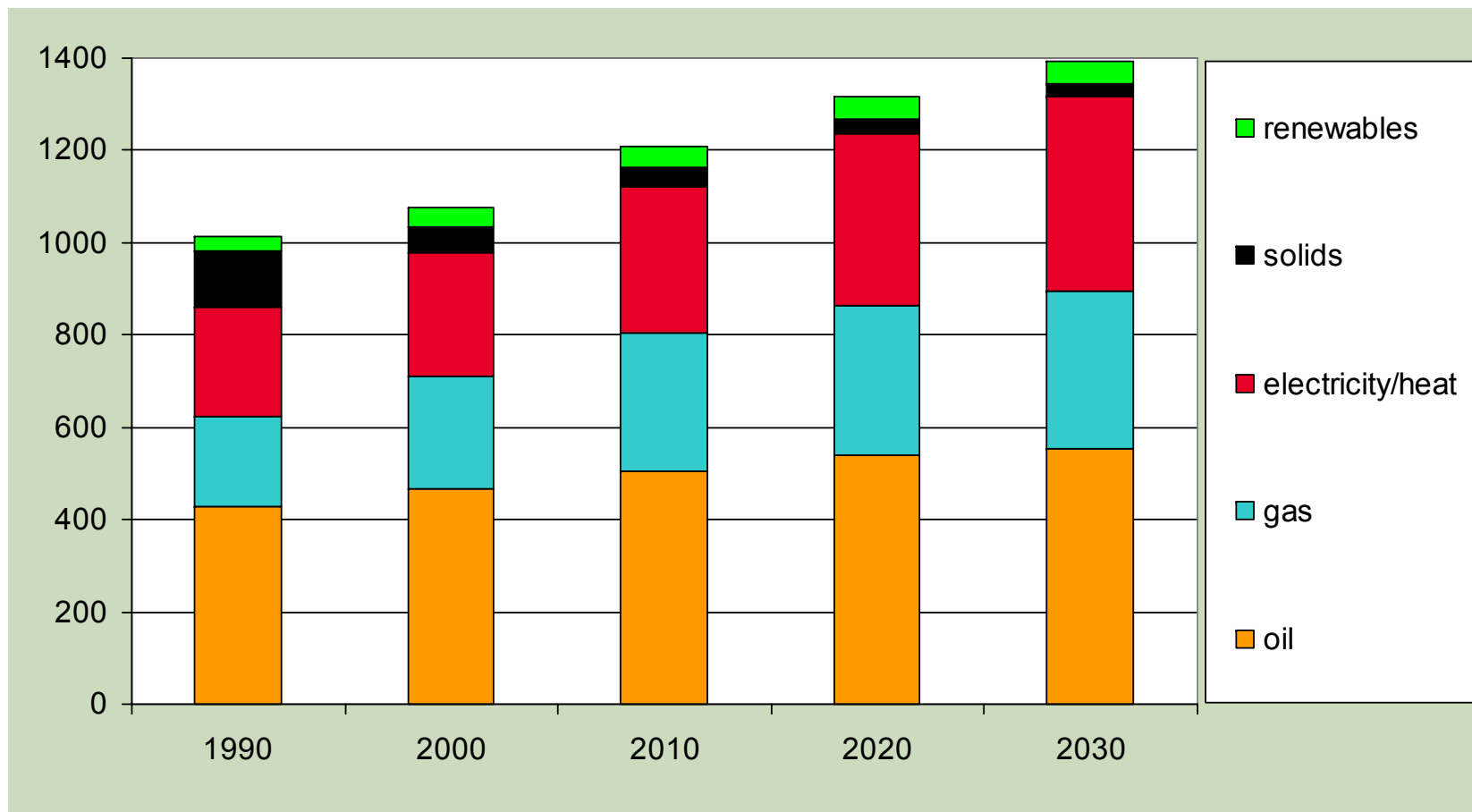
Context





LOOKING AHEAD: EU-25 FINAL ENERGY DEMAND

context





WHY A COMMON APPROACH TO ENERGY?

Current position



- **To equip the EU to play a full role in global markets**
- **To improve sustainability in the EU & globally**
- **To improve internal market functioning**
- **To improve stability in the EU & neighbouring markets**
- **To reflect the strategic role of energy in achieving other political objectives**





COMMON ENERGY POLICY GOALS

Current position



- **Competitiveness:** internal market, competition, interconnections (TEN-T), European electricity grid, research & innovation (clean coal, carbon sequestration, alternative fuels, energy efficiency, nuclear)
- **Environment:** renewable energy, energy efficiency, nuclear, innovation & research, emission trading
- **Security of Supply:** international dialogue, European stock management (oil/gas), refining capacity and storage of energy, protection against terrorism

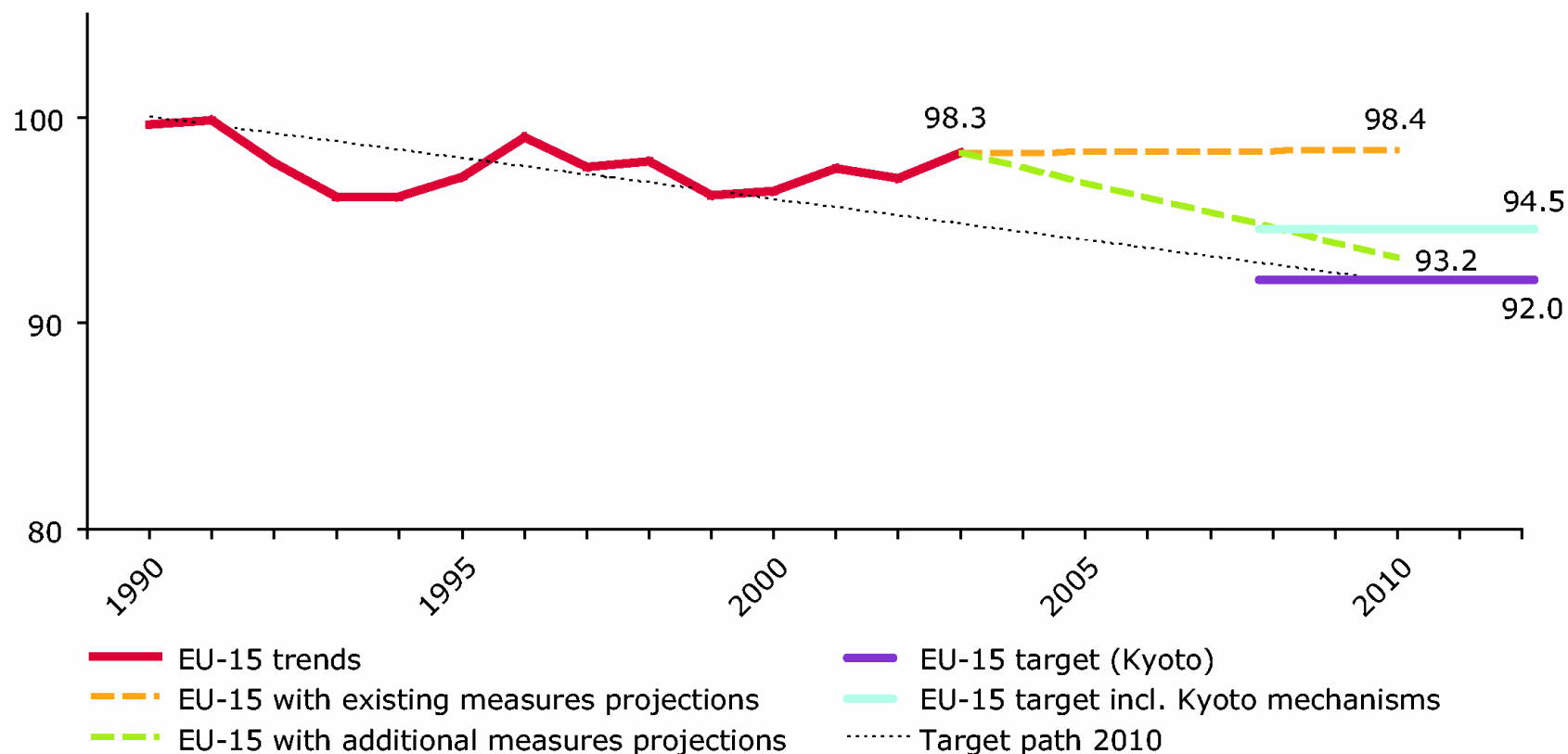




THE EMISSIONS CHALLENGE

Current position

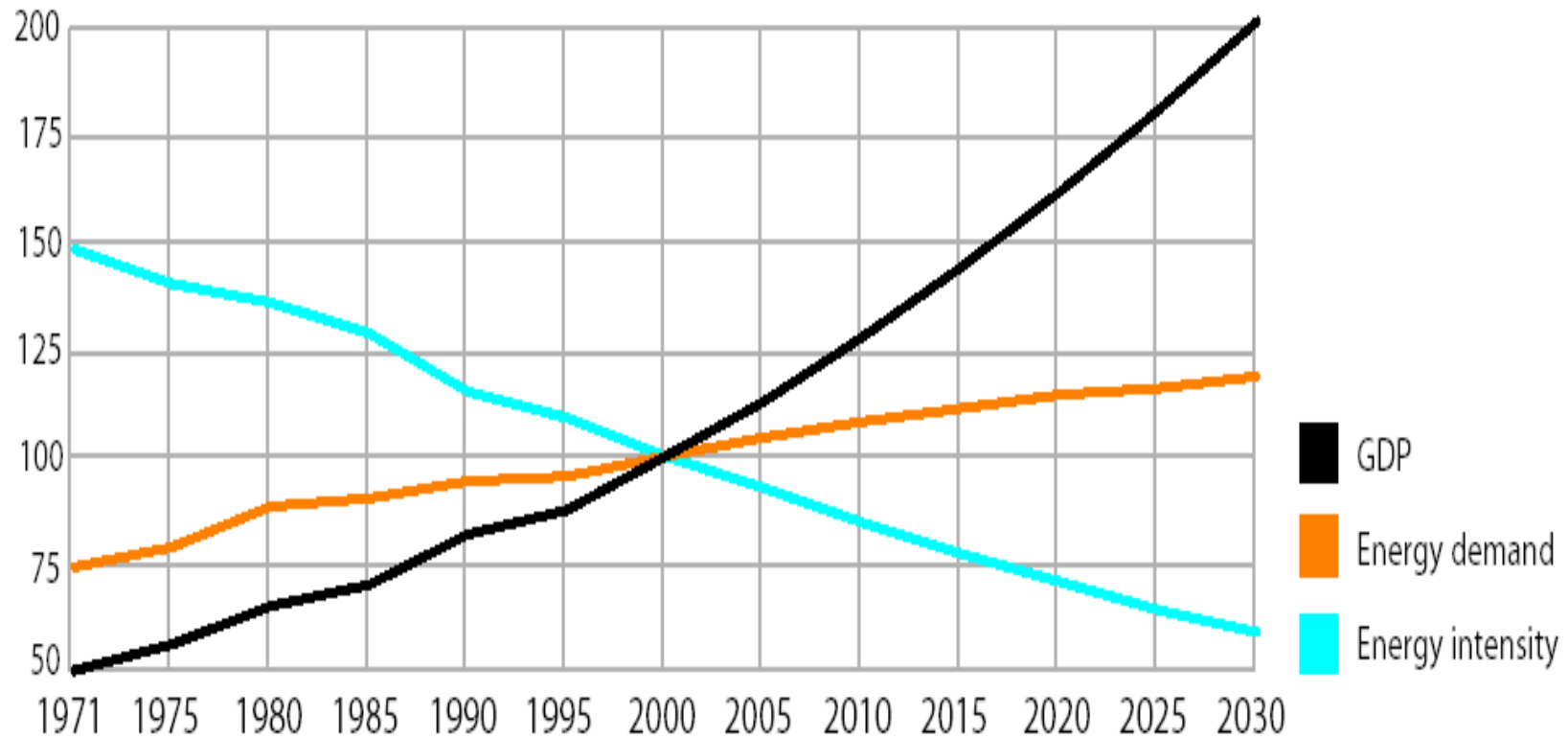
GHG emissions (base year = 100)





THE COMPETITIVENESS CHALLENGE

Current position



Long term development of GDP, energy demand and energy intensity for EU-25 (year 2000=100)





GREEN PAPER: PRIORITY AREAS FOR POSSIBLE COMMON ACTION

Green Paper



- Internal market → **towards a fully competitive internal energy market**
- Internal energy supply policy → **solidarity among Member States**
- Energy mix → **diverse, efficient & sustainable**
- Environment → **integrated approach to tackling climate change: energy efficiency, renewable & low carbon energy production**
- Energy technology & innovation → **strategic approach**
- External relations → **coherent external energy policy**





PROPOSALS FOR DISCUSSION: AN INTERNAL ENERGY SUPPLY POLICY

Green Paper



- Full development of internal gas & electricity markets
- Strategic review of the EU energy mix
- European Energy Supply Observatory
- Action plan on Energy Efficiency
- Road Map for renewable energy
- Strategic energy technology plan
- Common regulatory framework and structures for the EU's internal gas & electricity markets





PROPOSALS FOR DISCUSSION: SOLIDARITY IN AN INTERNAL ENERGY MARKET

Green Paper



- Improved network security
- New mechanism to ensure solidarity & assistance in the event of damage to infrastructure
- Priority list for new infrastructure
- Rapid, co-ordinated reaction to emergency external energy supply events
- Review of existing Community approach to oil and gas stocks
- Common security standards to protect essential energy infrastructure





PROPOSALS FOR DISCUSSION: EN EXTERNAL ENERGY SUPPLY POLICY

Green Paper



- **Comprehensive & strategic EU Energy Review**
- **International agreement on energy efficiency**
- **Pan-European Energy Community Treaty**
- **Rapid ratification of the EU Energy Charter Treaty & conclusion of Transit Protocol**
- **Limiting the EU's growing dependence on imported fuels**
- **Leadership on climate change and the global search for energy solutions**





WHAT NEXT?



- **Presentation by President Barroso at Spring Summit**
- **Energy Council debate (other Councils involved → ECOFIN, Competitiveness, General Affairs, etc)**
- **GP is priority for: Austrian, Finnish, German presidencies and the European Parliament**
- **Consultation with stakeholders / public / media**
- **Following consultation: Commission develops specific priorities / instruments / impact assessments leading to a strategic EU Energy Review**

