

# SPREAD – Sustainable Lifestyles 2050 Visions and Policy Actions

Brussels, 10 November 2011

## **Towards European Sustainable Lifestyles**

Domenico ROSSETTI di VALDALBERO

European Commission, DG RTD\*

[Domenico.Rossetti-di-Valdalbero@ec.europa.eu](mailto:Domenico.Rossetti-di-Valdalbero@ec.europa.eu)

\* Personally speaking



European Research Area



# Why the SPREAD Social Platform?

- **Nexus among energy, environment, transport and land use**
- **Improvement in collaboration among policies but still many “compartments”**
- **“Small energy consumers” - transport and households - have increased more their energy consumption than large energy consumers**
- **Need to improve environmental performance of firms and of products (labels, LCA, eco-design, recyclability, externalities, efficiency...)  
... but also of the human behaviour**





# Values of things



Source: Shell and Bertolli



European Research Area

# Thinking on values



Source: City-Photos.DigitalPhoto.Pl



European Research Area

# Total Primary Energy Supply (TPES)

- **1970: 5000 Mtoe**
- **1990: 8000 Mtoe**
- **2010: 12000 Mtoe**
- **2030: ~ 17000 Mtoe**
- **What's next?**

Source: European Commission, DG RTD (WETO), P. Criqui



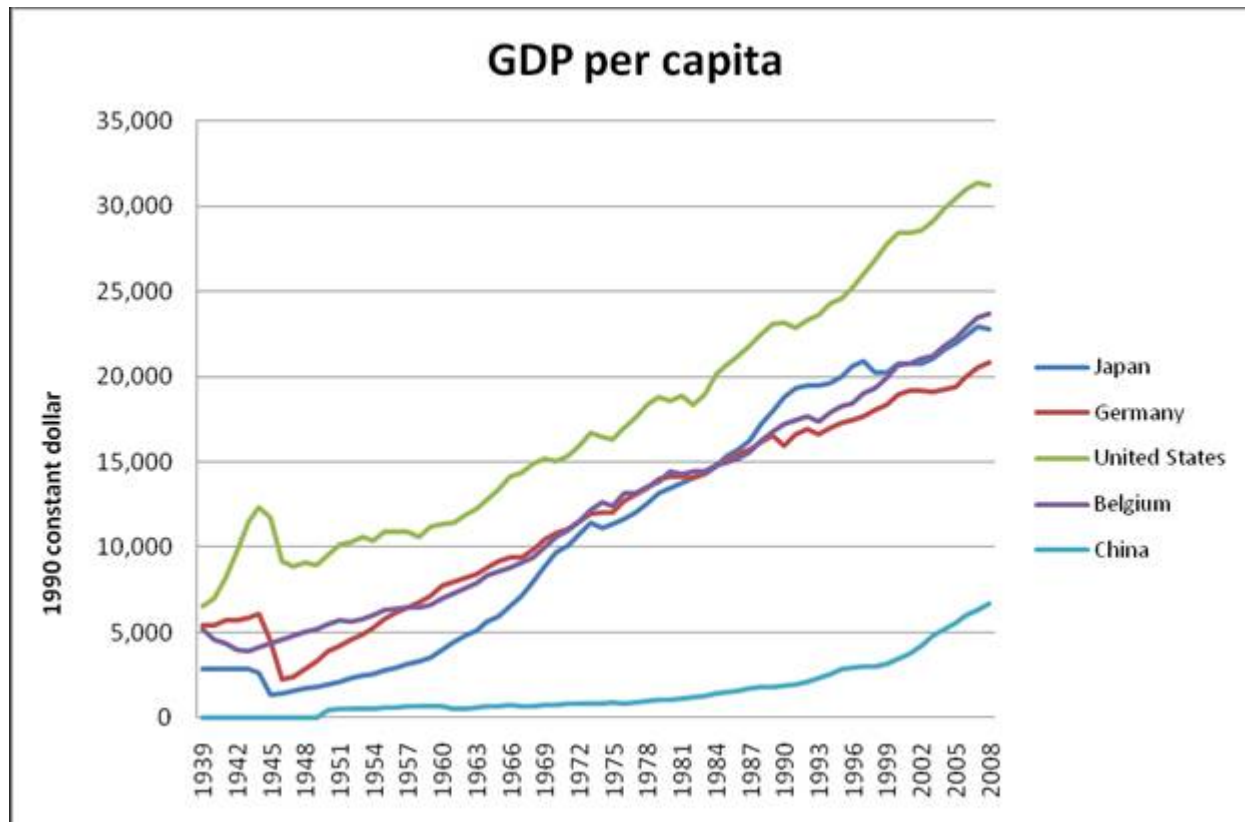
European Research Area

# SPREAD and EU strategic policies

- “An energy policy for Europe” with EU climate and energy package (3X20 by 2020 targets)
- Europe 2020 Strategy and the Flagship Initiatives a.o.:
  - **Innovation Union – COM(2010)546**
  - **A resource-efficient Europe – COM(2011)21**
- A Roadmap for moving to a competitive low carbon economy in 2050 – COM(2011)112
- Roadmap to a single European transport area – Towards a competitive and resource efficient transport system – COM(2011)144



# Wealth and quality of life Beyond GDP?

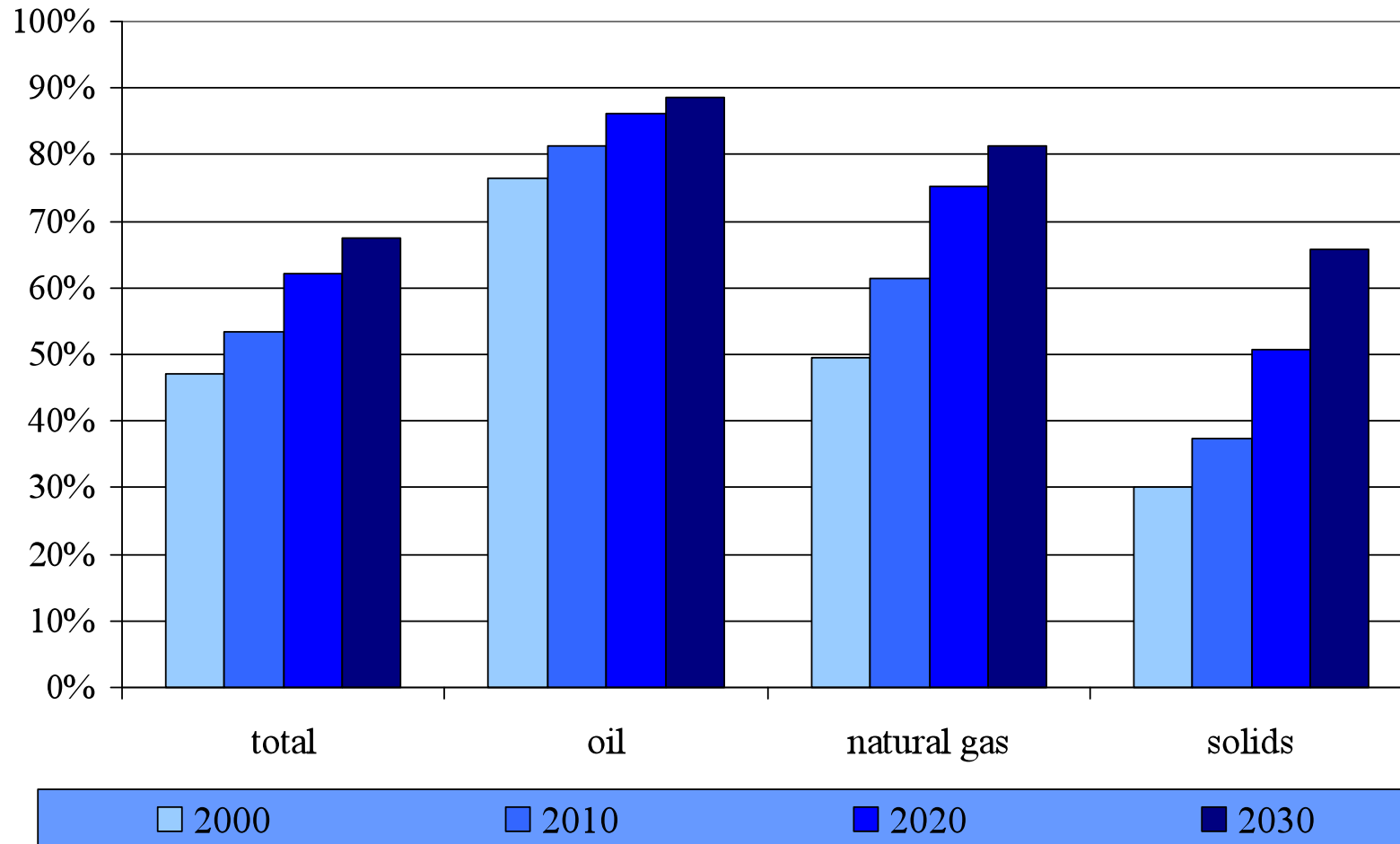


Source: Angus Maddison, 2010



European Research Area

# EU energy imports



Source: European Commission - COM

European Research Area



## Energy by the end of the century (BAU)

- Energy for mobility will increase by a factor 5
- Energy for thermal comfort and living-space heating and cooling will triple
- Energy used for food will double
- Energy for economic production will only increase moderately



# **Future Research and innovation Horizon 2020**

**Multiannual financial framework (2011) – « A  
Budget for Europe 2020 »**

**R&I: € 80 billions and three main pillars:**

- Excellence in the science base**
- Tackling societal challenges**
- Industrial leadership and competitiveness**



# 2012 Calls for Proposals

## Socio-economic Sciences and Humanities (SSH)

**New call for proposals published on 20 July 2011:**

FP7-SSH-2012-2 (small-medium project < 2.5 M€)

- ***European energy security, including its economic dimension***
- ***Forward looking tools and methods for answering major societal challenges***

**Deadline: 2 February 2012 at 17:00 (Brussels time)**



# More information

[http://ec.europa.eu/research/social-sciences/index\\_en.html](http://ec.europa.eu/research/social-sciences/index_en.html)

