

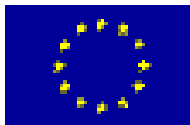


# Drivers and Impacts of ICT Adoption

## A Sectoral Perspective

A Workshop  
by the Sectoral e-Business Watch

Berlin, 14 March 2008



## ■ Analysis of

- Factors that determine the diffusion of information and communication technology (ICT) in businesses
- ICT-enabled innovation processes
- Impact of ICT on companies' performance

## ■ Sectors

- Financial Intermediation
- Chemicals
- Steel
- Retailing
- Transport & Logistics
- Furniture

## ■ ICT and

- **Innovation dynamics**
- **Value-chain characteristics**
- **Market structure characteristics**
- **Productivity**
- **Employment**

## ■ Macro data:

### ◆ EU KLEMS database (Part I)

- Productivity
- Employment

## ■ Micro data:

### ◆ e-Business Survey 2007 by Sectoral e-Business Watch (Part II)

- Innovation dynamics
- Value-chain characteristics
- Market structure characteristics

# EU KLEMS data

- Includes data for 27 EU member countries plus US and Japan
- 1970 -2005
- 2-digit industry level (NACE 1.1)
- Growth accounting data according to the approach of Jorgenson, Gollop, Fraumeni (1987)
- Separate capital stock data for ICT and Non-ICT
- Separate labour input data for three skill classes, gender and three age classes