



CEDEFOP

European Centre for the Development
of Vocational Training

Alphametrics (AM)



Alphametrics Ltd

ce *cambridge*
econometrics

connecting you to the future

Forecasting skill supply and demand in Europe: A proposal to improve the quality of the underlying database

SKILLSNET TECHNICAL WORKSHOP
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Rob Wilson

**Institute for Employment Research,
University of Warwick, United Kingdom**



Researchcentrum voor Onderwijs
en Arbeidsmarkt

Research Centre for Education
and the Labour Market

WARWICK INSTITUTE *for*
EMPLOYMENT RESEARCH



Overview

- **The Cedefop approach to pan-European Forecasting of skill needs**
- **The need for better data**
- **The key data gaps**
- **An alternative approach**

The Cedefop approach

- **Modular approach**
- **Common models and data**
- **Core role of LFS data**
- **Limitations of LFS data**
- **Need to consider an alternative approach?**

The need for better data

- **Considerable progress using common data sources**
- **But problems – limits of what the LFS can provide**
- **Lessons from other countries (e.g. USA)**
- **Occupational employment statistics survey**
- **But cost and other constraints**
- **An alternative approach – making better use of what we have?**

The key data gaps and how to fill them

- Detailed data by occupational and qualifications data by sector
- But how to fill them?
- The Eurostat route the so called “Earnings and hours survey” is an “output harmonised” attempt by statistical agencies to provide consistent data
- An alternative approach – use of *Skillnet* country expert knowledge and expertise

An example: the UK

- **Consistent time series already available**
- **1981-2007; 41 industries, 25 (and potentially more) occupations, & 6 qualifications levels)**
- **Not necessarily fully consistent with all published series such as EU LFS**
- **But more robust, especially at a detailed level**

Extension to other countries?

- **Casual inspection suggest this could also be done at relatively modest marginal cost go many other countries**
- **How easy would it be in your case?**
- **What resources would be required:**
 - a) Initially**
 - b) To update every couple of years?**

Contact Details

Rob Wilson

Institute for Employment Research

University of Warwick

COVENTRY, CV4 7AL

r.a.wilson@warwick.ac.uk

Tel: +(44) 2476-523530