

Qualification Requirements of European Labour Market

Jan Koucký

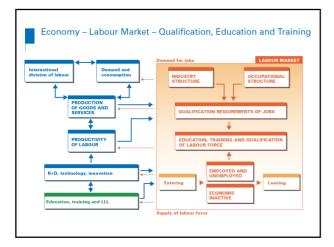
Forecasting skill supply and demand in Europe SkillsNet Workshop, Thessaloniki, 9-10 June 2009

Three tasks of Education Policy Centre:

- 1. What determines the number of jobs by sectors?
- 2. What affects the occupation structure of jobs (by sectors)?
- 3. What are qualification requirements of jobs (by occupation and by sectors)?

The EPC combines quantitative and qualitative approaches.

It will be illustrated using the printing and publishing sector as an example.



Sources for quantitative approach International surveys

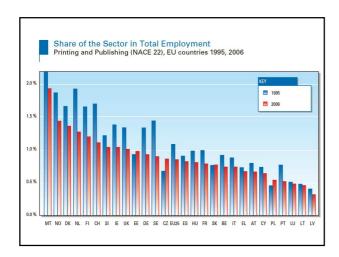
- European Labour Force Survey: Jobs in Europe, by sector (NACE 2nd level), by occupation (ISCO 3rd level), 1995-2008
- European Social Survey (4 rounds, every second year, 2002-2009)
- EURES (Employers Survey, 2007-2009)
- CHEERS 1997-1999 (Graduates on the labour market)
- REFLEX 2005-2007 (Graduates on the labour market)
- OECD project PIAAC (under preparation, 2011-2012): J.R.A.

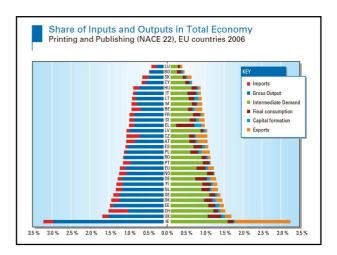
National surveys

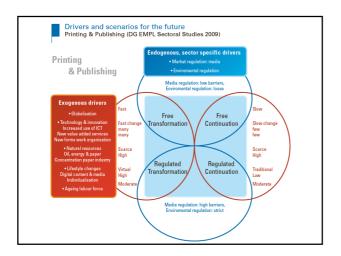
- USA: O.P.T.D. and O*NET programmes (every 2 years, ongoing)
- Italy: Indagine sulle professioni 2006-2007
- Czech Republic: Qualification Requirements 2007-2008
- United Kingdom: Skills Survey 1986 2006

DG Employment project Comprehensive Sectoral Studies 2007–2009				
Lot	Description	NACE Rev.2	NACE Rev.1.1	Awarded to
1	Textiles, wearing apparel and leather products	13-14-15	17-18-19	Economix
2	Printing and publishing	18-58	22	TNO
3	Chemicals, pharmaceuticals, rubber and plastic products	20-21-22	24-25	TNO
4	Non-metallic materials (glass, cement, ceramic,)	23	26	TNO
5	Electromechanical engineering	27-28	29-31	Alphametrics
6	Computer, electronic and optical products	26	30-32-33	TNO
7	Building of ships and boats	30.1	35.1	IKEI
8	Furniture and others	31-32-33	36	TNO
9	Electricity, gas, water & waste	35-36-37-38-39	40-41	TNO
10	Distribution, trade	45-46-47	50-51-52	TNO
11	Tourism including hotels, catering and related services	55-79.1	55-63.3	Oxford Research
12	Transport	49-50-51-52	60-61-62-63	TNO
13	Post and telecommunications	53-61	64	TNO
14	Financial services (bank, insurance and others)	64-65-66	65-66-67	Economix
15	Health and social work	86-87-88-75	85	TNO
16	Other services, maintenance and cleaning	94-95-96-97-98	90-91-93-95	TNO

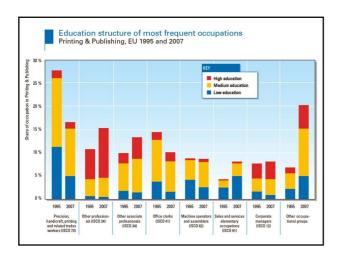
1. What determines the number of jobs by sectors?

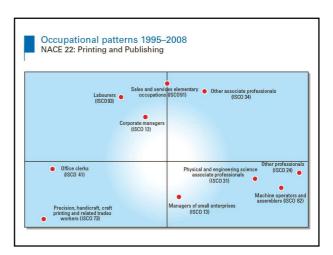


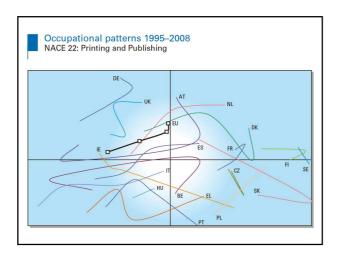


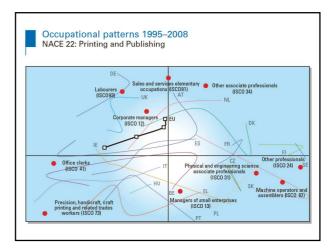


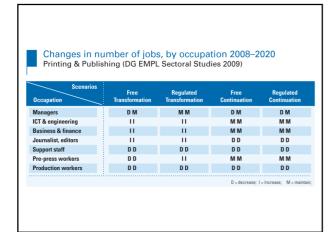
2. What affects the occupation structure of jobs (by sectors)?



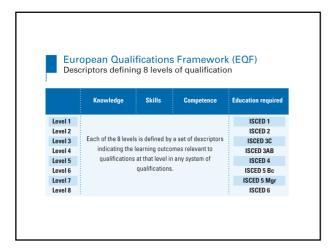


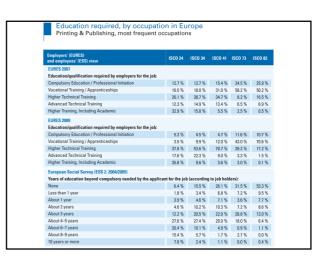


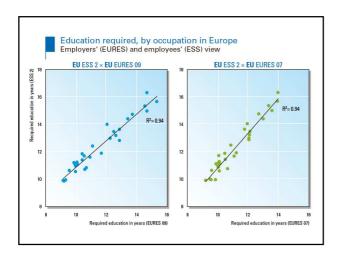




3. What are qualification requirements of jobs (by occupation and by sectors)?







How to make EQF empirically operational ? By using three national surveys

- USA: O*NET programme (ongoing)
- Italy: "Indagine sulle professioni" (2006-2007)
- Czech Republic: "Kvalifikace 2008" (2007-2008)

