



Rethinking Education

Investing in skills for better
socio-economic outcomes

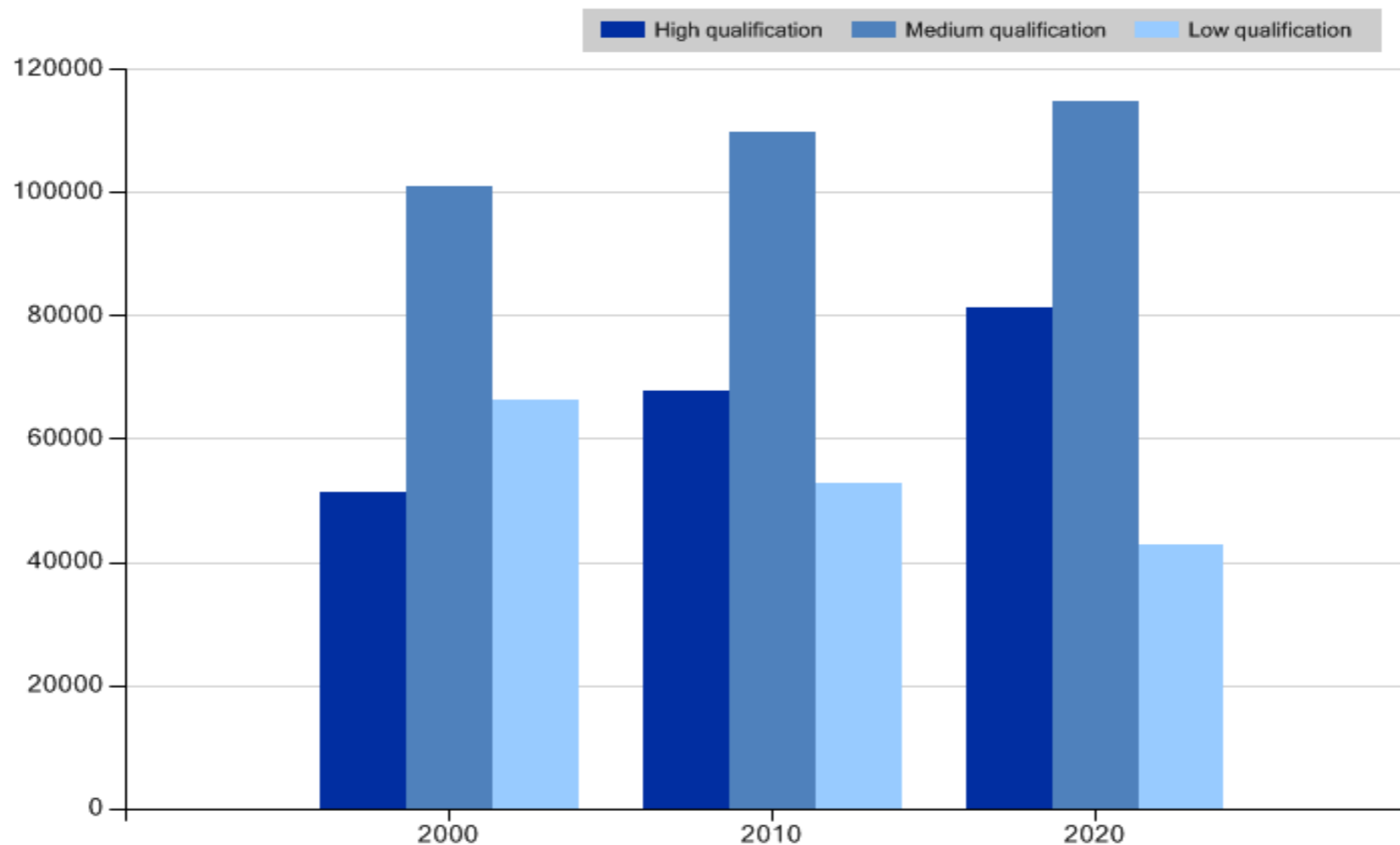
Koen Nomden, DG EAC, European Commission
National Conference on Guidance, Dublin 1 March 2013



What qualifications will Europe need by 2020?

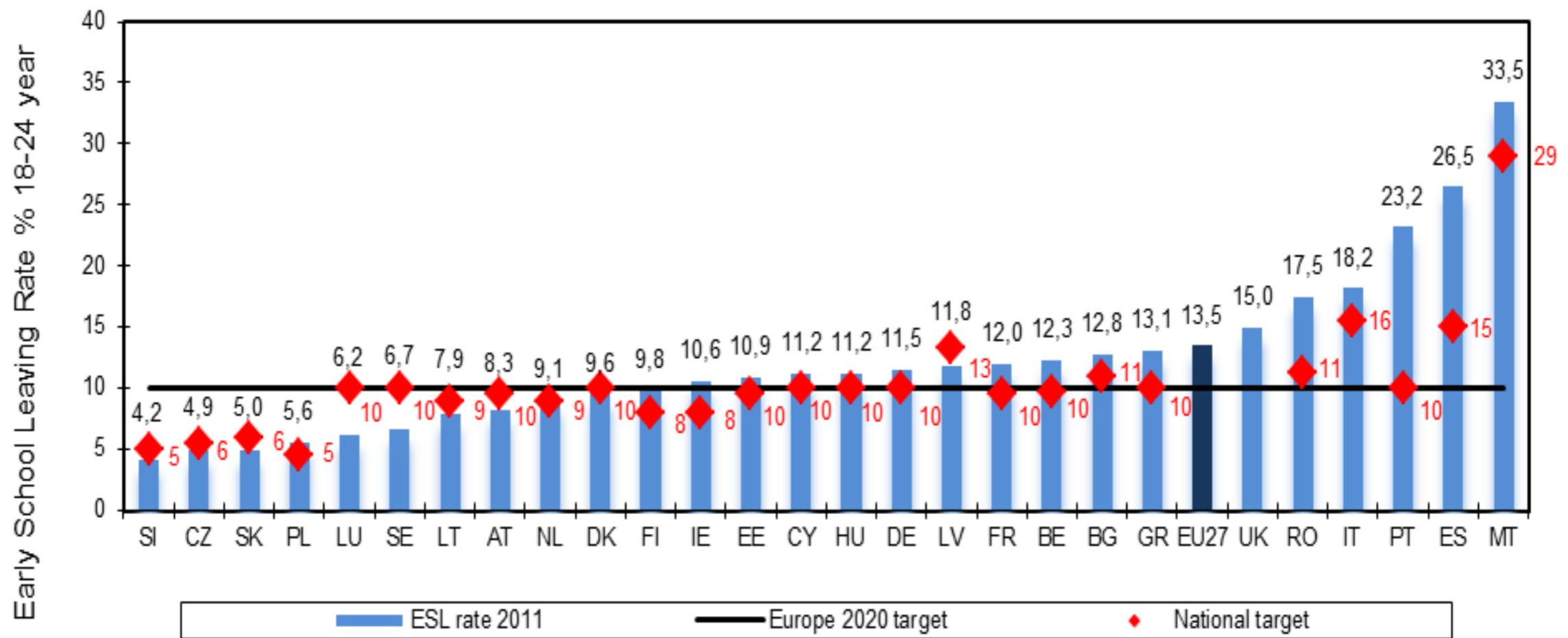
 | CEDEFOP | European Centre for the Development of Vocational Training

Skills forecast: Employment trends by qualification (in 000s), EU27+



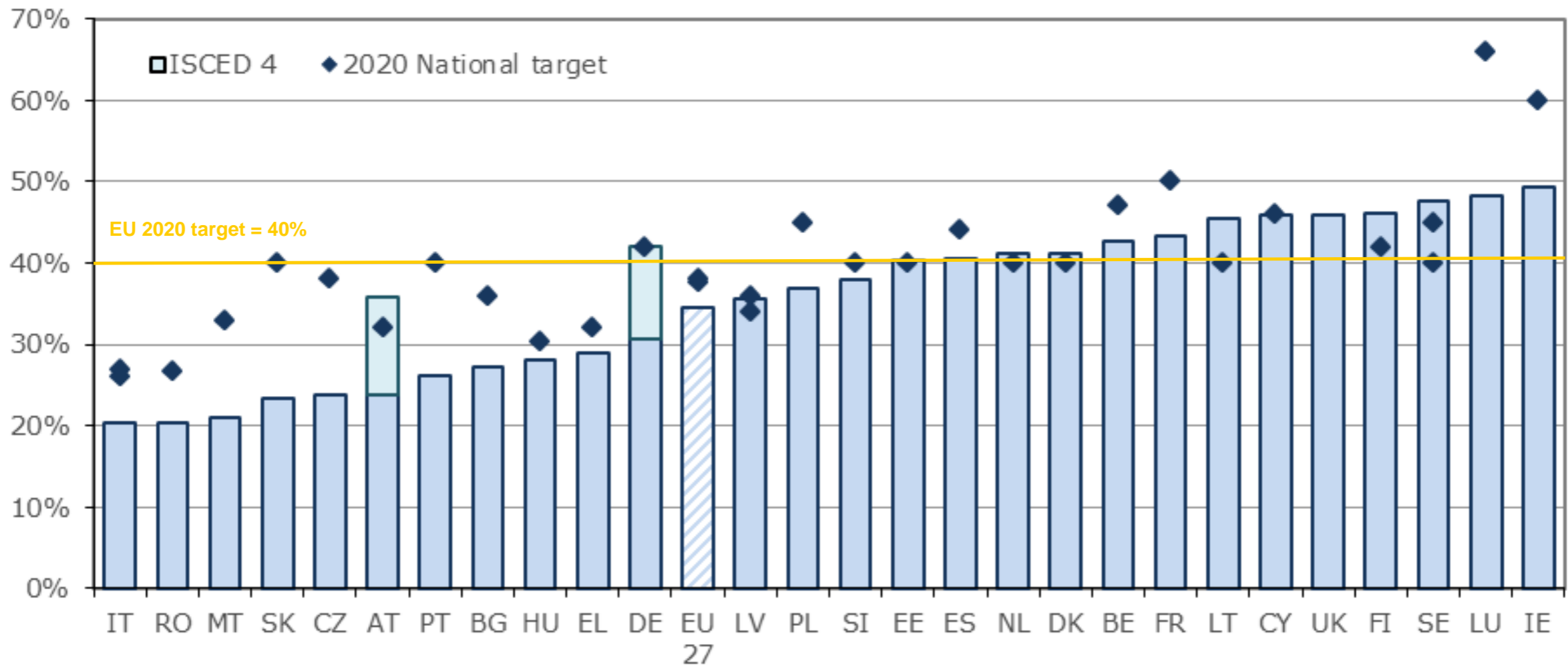
Source: Cedefop | Skills Forecasts | Data published in 2012

Rates of Early School Leaving (ESL) must improve significantly to reach the 2020 target



Source: Eurostat (LFS 2011)

Tertiary attainment targets can be reached, but will require a sustained effort

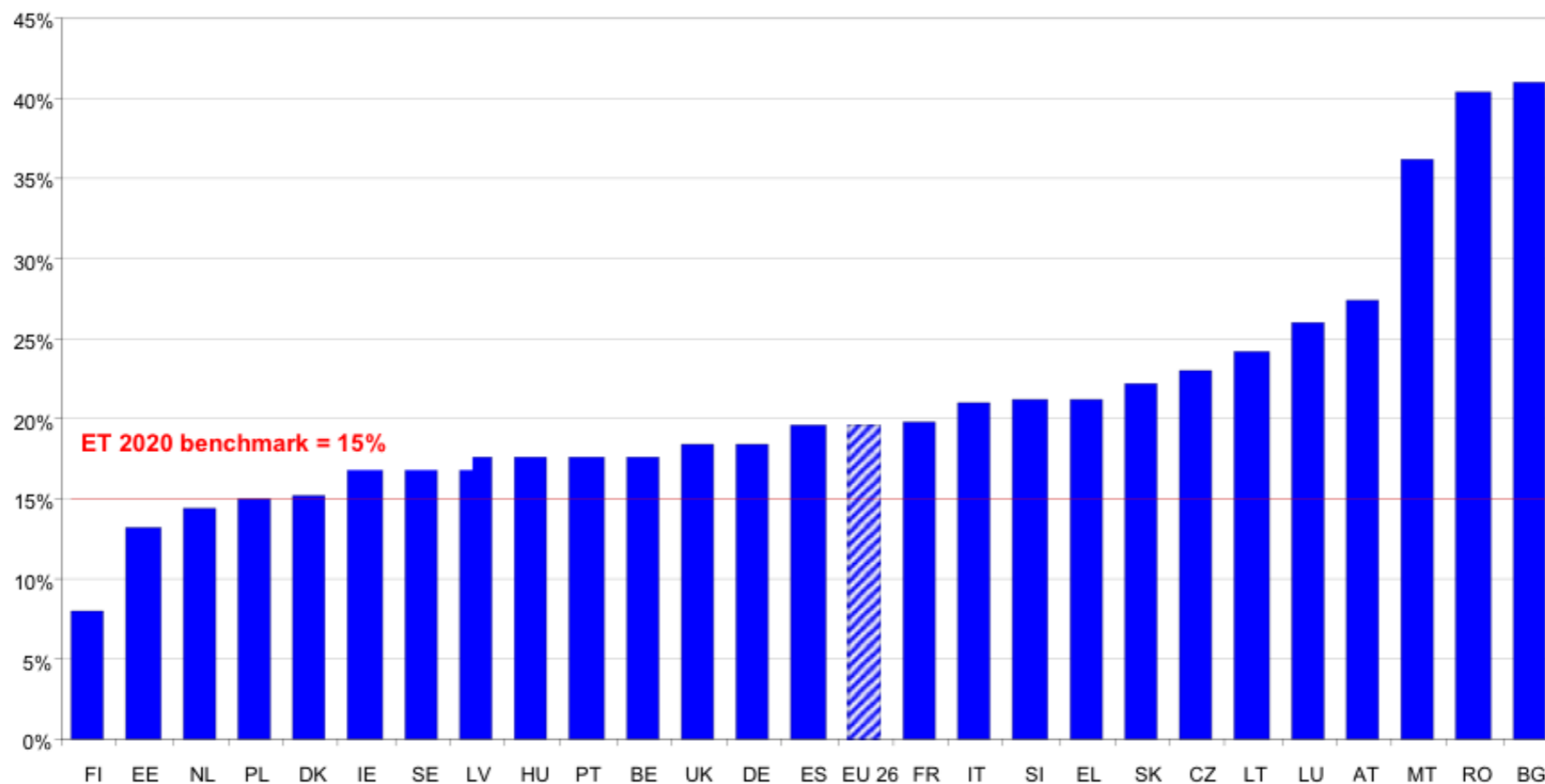


Source: Eurostat (LFS 2011)



Basic skills levels are still lacking in many countries

Percentage of low achievers in reading (15 year-olds, %), 2009

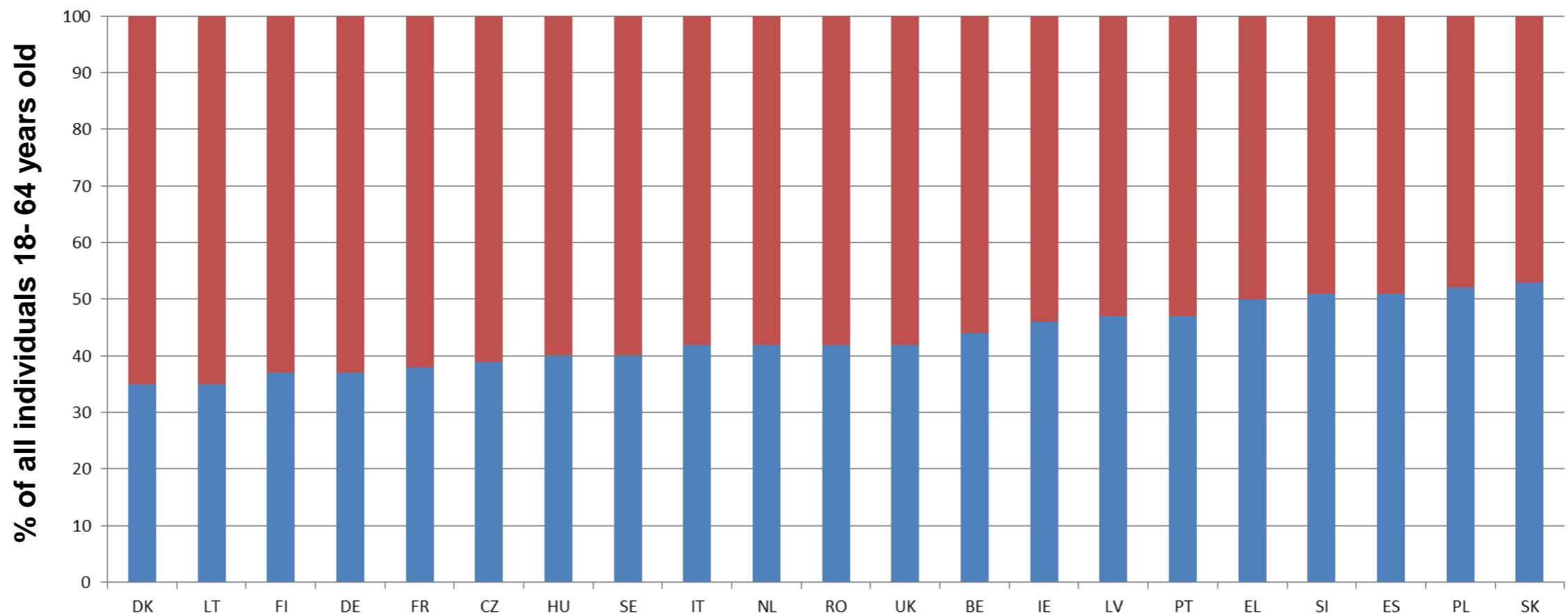


Source: OECD (PISA)



Europe needs to be more entrepreneurial

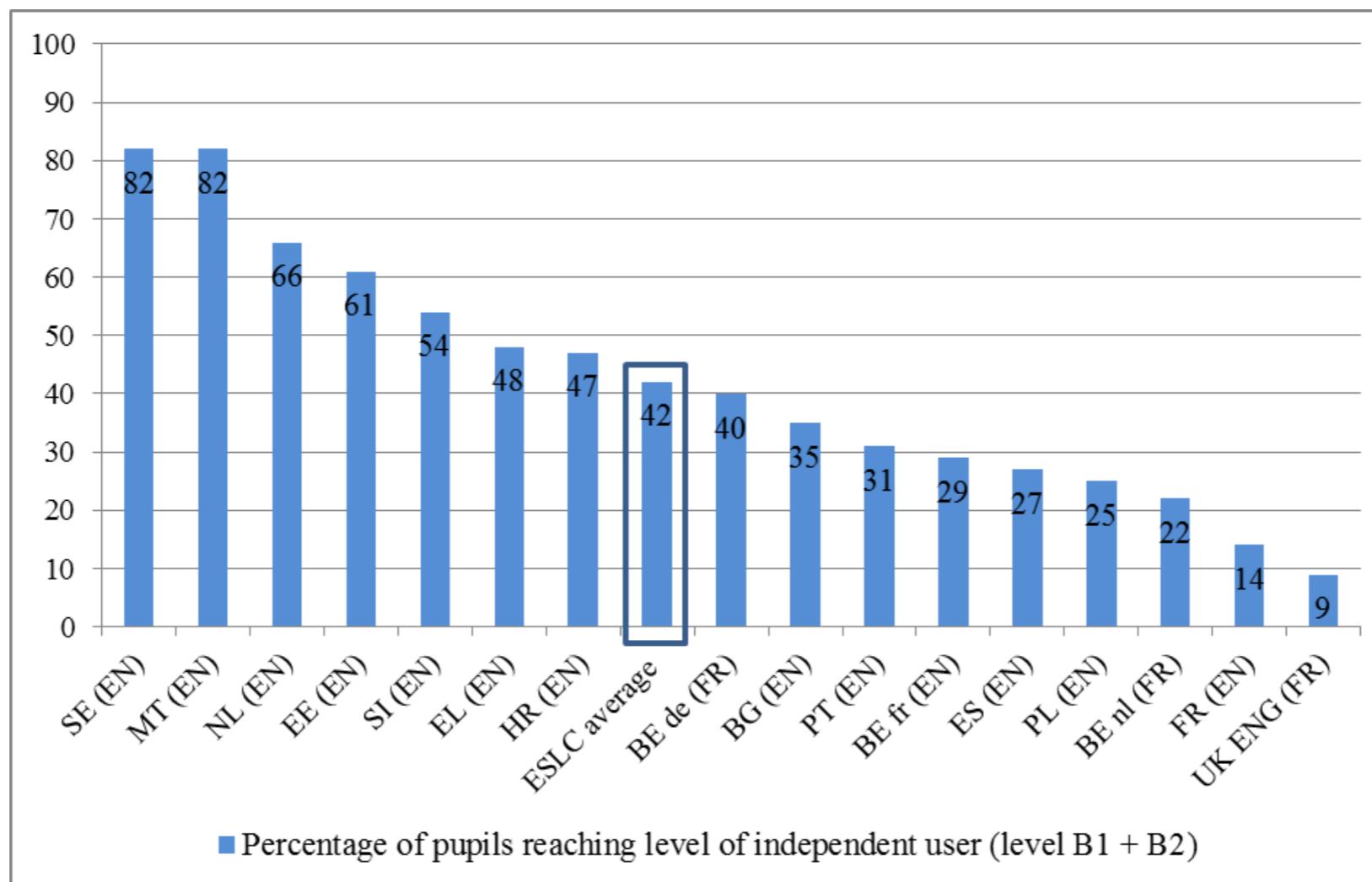
Percentage of individuals aged 18-64 who believe they have the required knowledge to start a business (2011)



Source: Global Entrepreneurship Monitor 2011 Note: Italian result is from 2010

Language skills must be improved

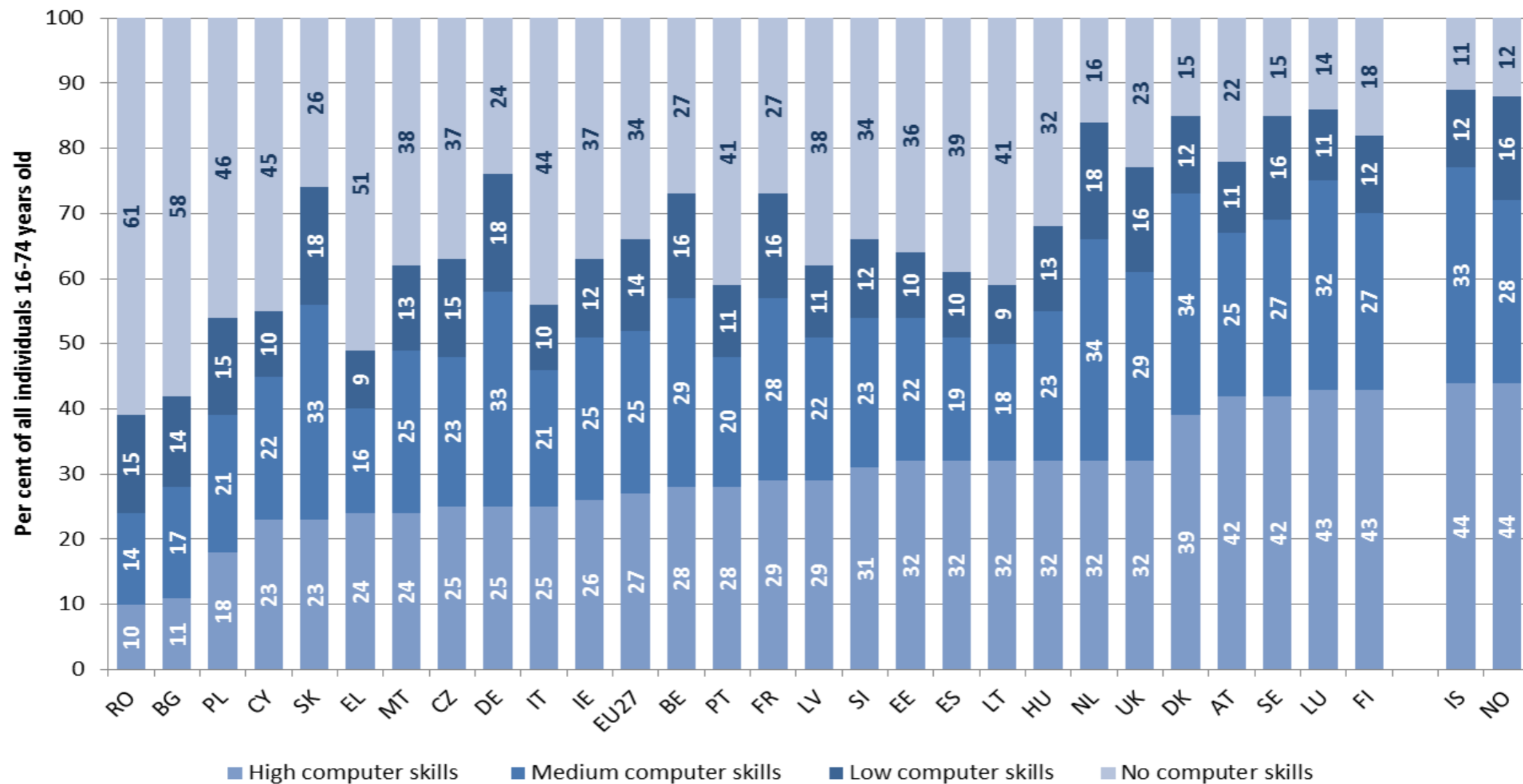
First foreign language: percentage of pupils who have reached the level of independent user (B1 or higher)



Source: European Commission, 2012. First European Survey on Language Competences

ICT skills levels vary greatly between countries

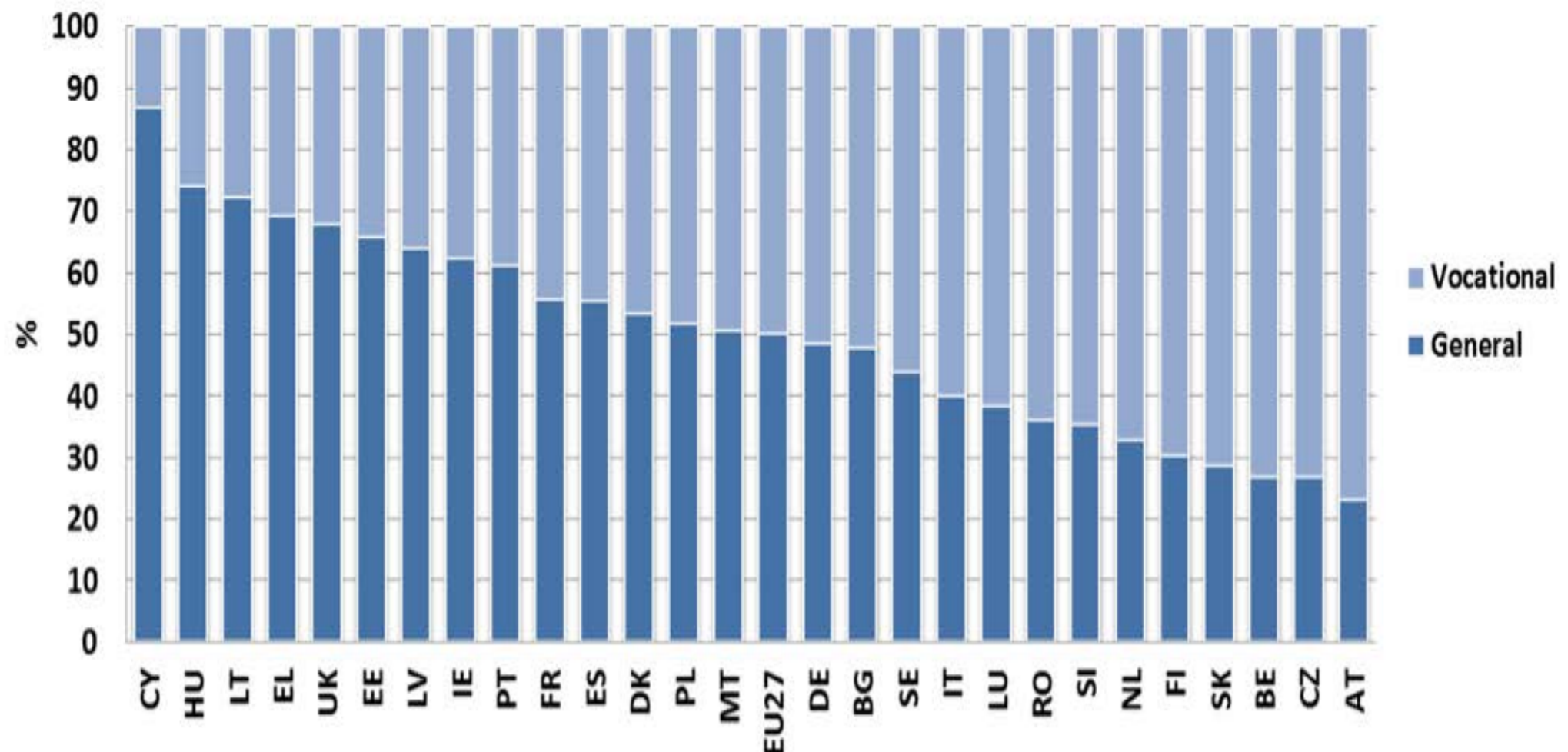
% of individuals with low, medium and high computer skills (2011)



Source: Eurostat, Information society Statistics, 2011

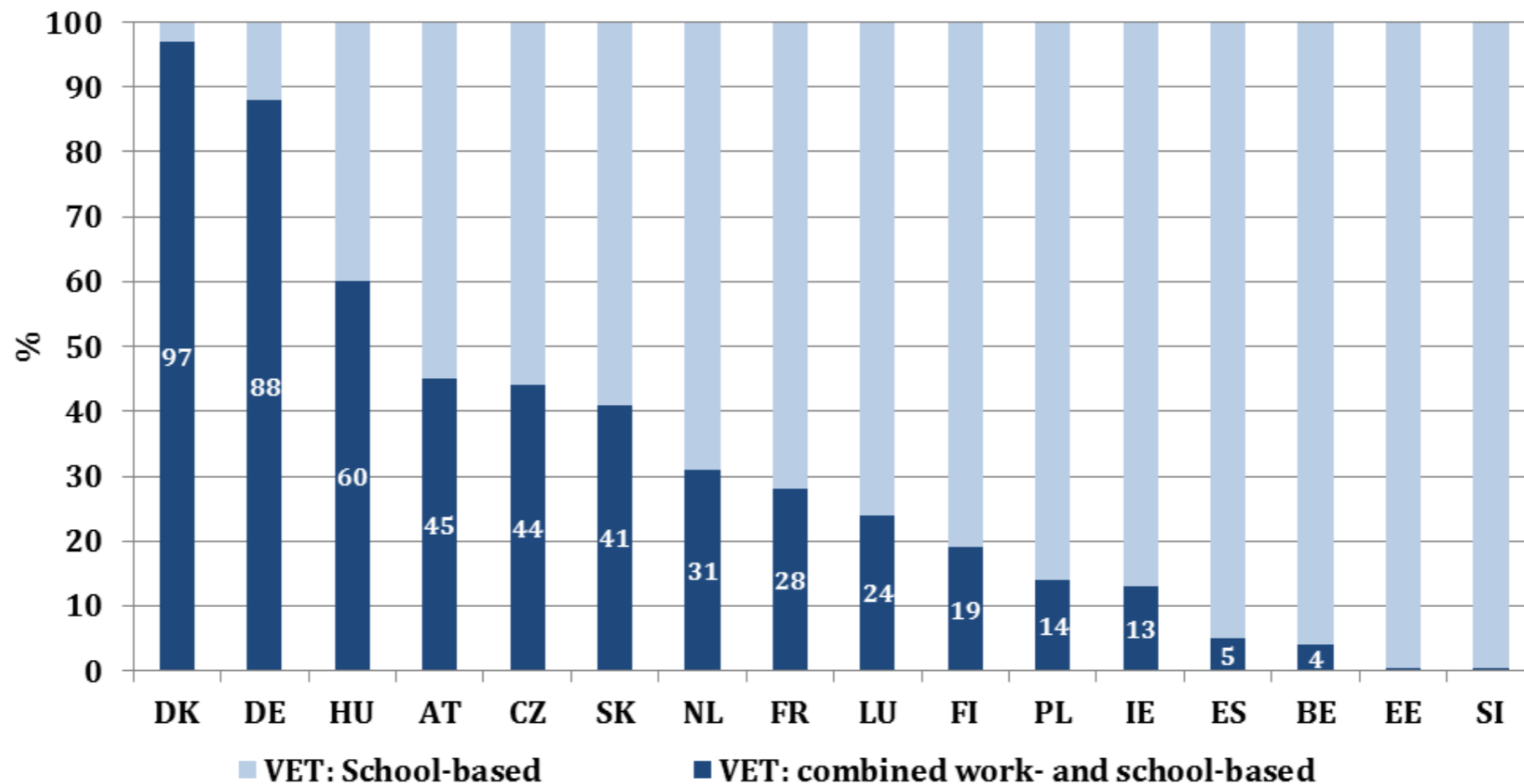
Great diversity in Vocational Education and Training (VET)

Distribution of upper secondary (ISCED 3) students by programme orientation



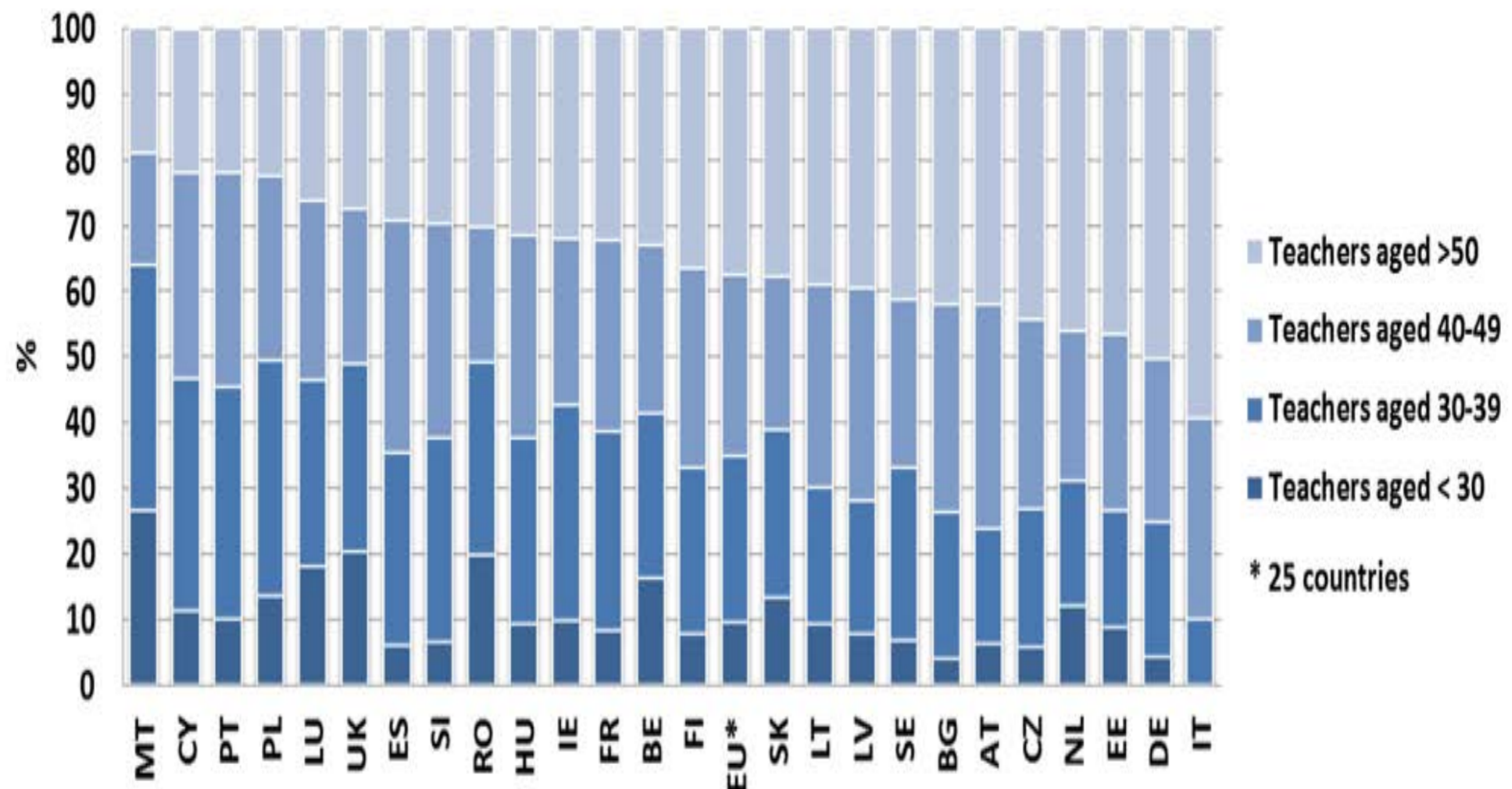
Work-Based Learning is still an exception

Proportion of VET students enrolled in combined work- and school-based VET, as a % of all students in upper secondary VET (2010)



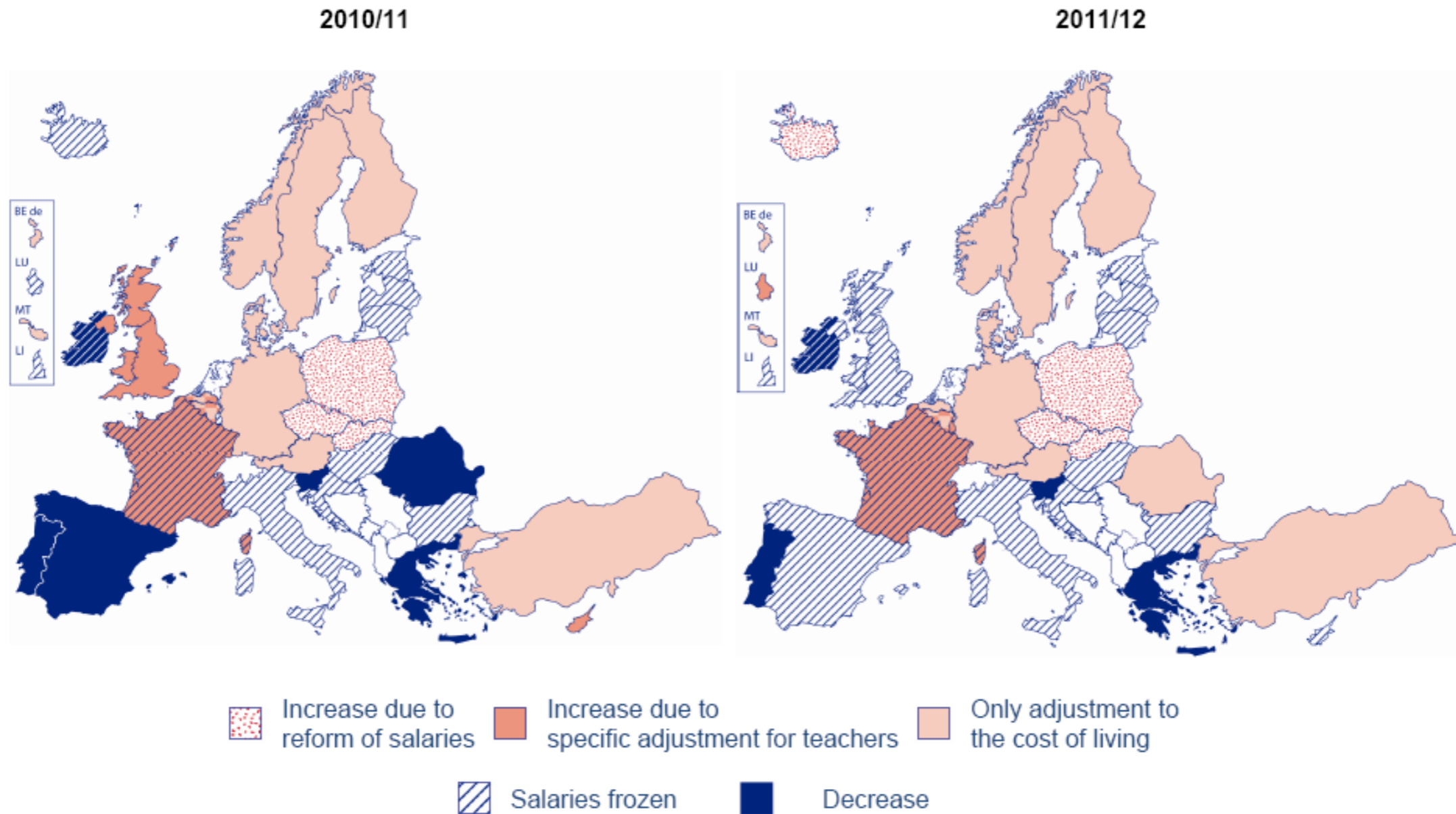
Teachers are an ageing profession in most countries

Age distribution of teachers in lower and upper secondary, 2010



There are financial constraints in the sector

Evolution of teacher salaries compared with the previous year





One Commission Communication, with seven accompanying Staff Working Documents:

- **Education and Training Monitor**
- **Country analysis**
- **Key Competences**
- **Partnerships and flexible pathways for LL skills development**
- **Supporting the teaching professions**
- **Language competences for employability, mobility and growth**
- **Vocational Education and Training for better skills, growth and jobs**



New Commission initiatives

- **Enhanced support to Member States – Monitoring of progress, OMC, ORCD collaboration...**
- **European area of skills and qualifications**
- **EU-level Alliance for Apprenticeships**
- **Funding Education for Growth**
- **Opening up Education – ICT and OER**
- **A new language benchmark**
- **Entrepreneurship education actions**
- **Partnerships between Education, enterprises and research, promoted through new programme Erasmus 4 All**