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Employment in the forest sector

Trends and insights for the UNECE region

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FORESTS

Working Party on forest statistics

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Mandate

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Need to “review and compile existing studies, data and information in order to analyze the recent trends and current situation of the forest sector workforce, identify drivers, challenges and opportunities of the forest sector workforce, and possible needs for data collection”.

To:

- Understand and assess risks bear by the forest workers
- Promote indicator-based best practices in health and safety
- Attract and train the future forest sector workforce

→ Foster a resilient forest workforce promoting a sustainable and inclusive development of the sector

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1. Definitions
2. Employment in the forest sector
3. What is next?

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1. Definitions

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Forest Sector Workforce – What is it?

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"Forest sector" includes:

1. Forestry and logging
2. Wood manufacture (hardwood products, except furniture)
3. Paper manufacture (pulpwood products)

Regions include:

1. Europe (28 countries + Norway and Switzerland)
2. Eastern Europe + Russian Federation
3. Balkan countries + Turkey
4. Caucasus and Central Asia
5. Canada and the USA

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2. Employment in the forest sector

What data tell us

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Forest Sector Workforce - Employment

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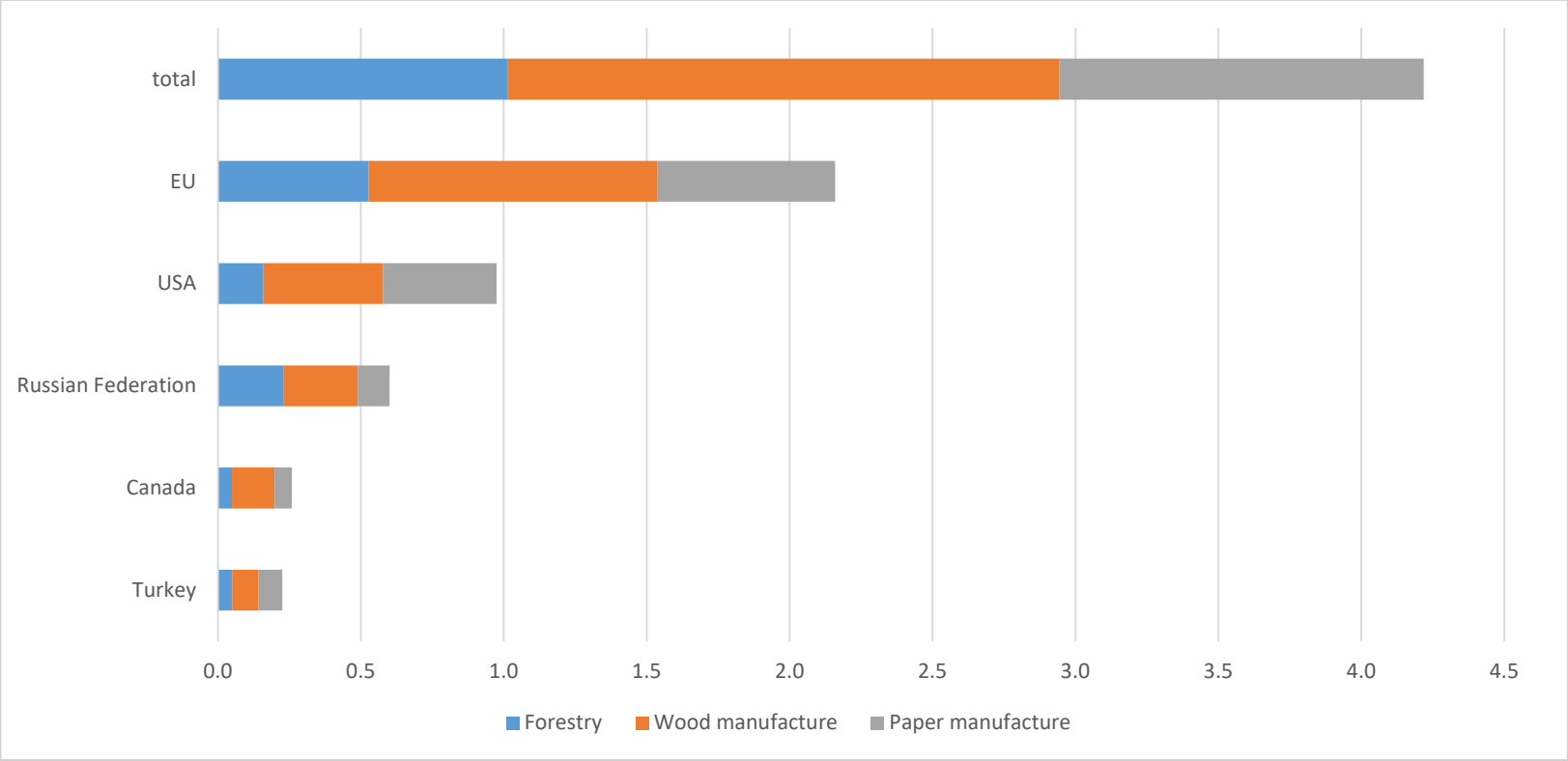
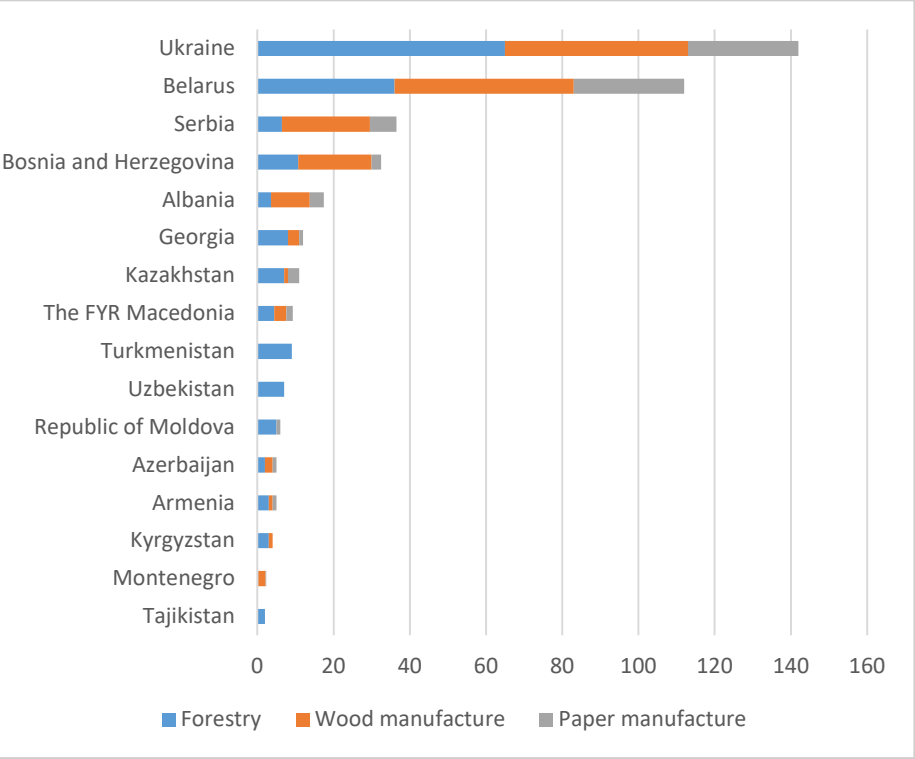
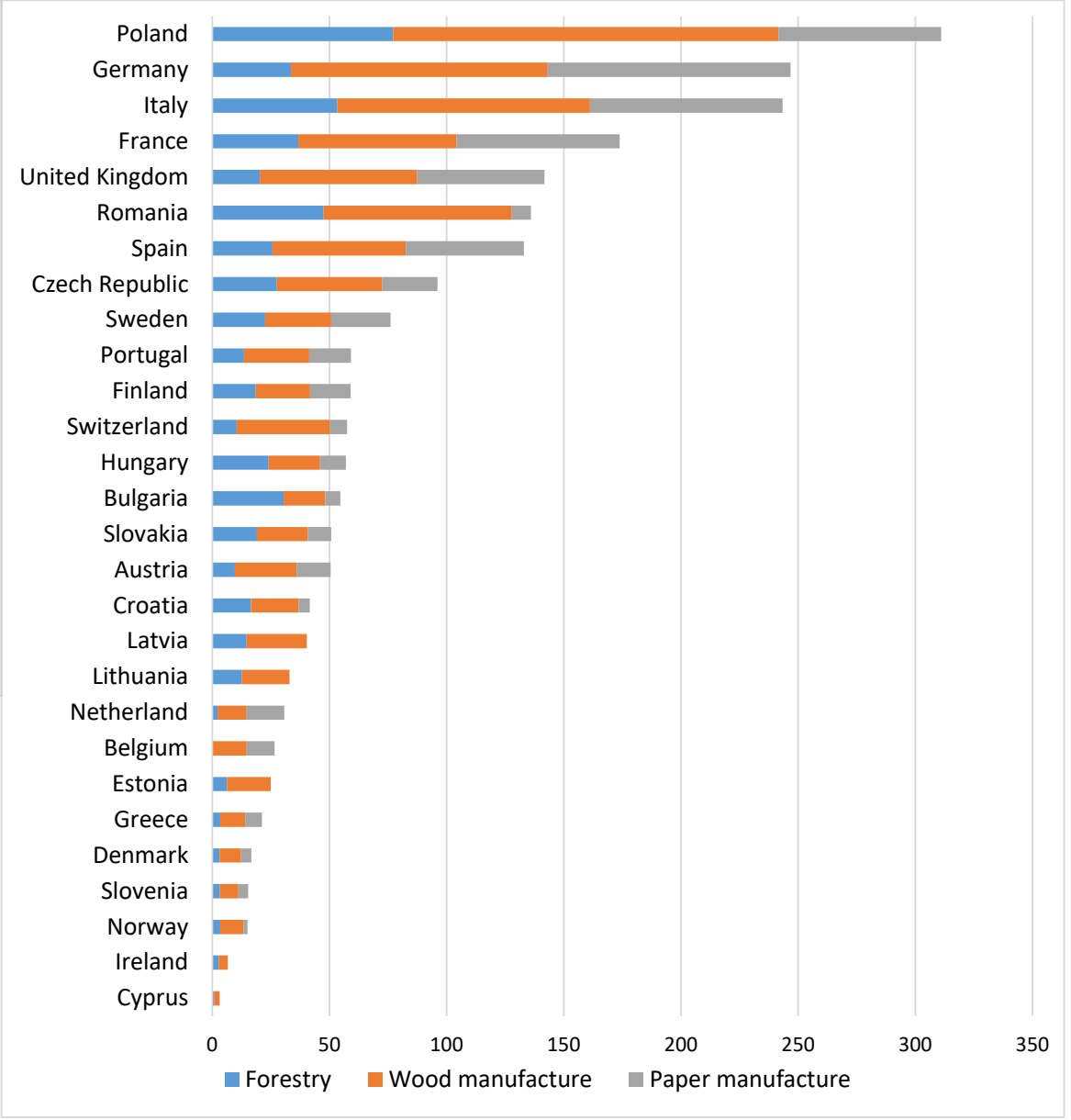


Selected countries + EU28 - forest workforce in million workers (Sources: U.S. Bureau of labor statistics, 2016; Statistics Canada, Labour Force Survey 2015, EUROSTAT 2016, Kyiko, 2016)

Forest Sector Workforce - Employment



EU (+ NO and CH) in detail and other countries of the region - forest workforce in 1,000 workers (Sources: Eurostat, 2016, Glavonjic, 2016; Kyiko 2016; FAO, 2014; Data not available: Iceland, Malta, Luxembourg



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Forest Sector workforce – change

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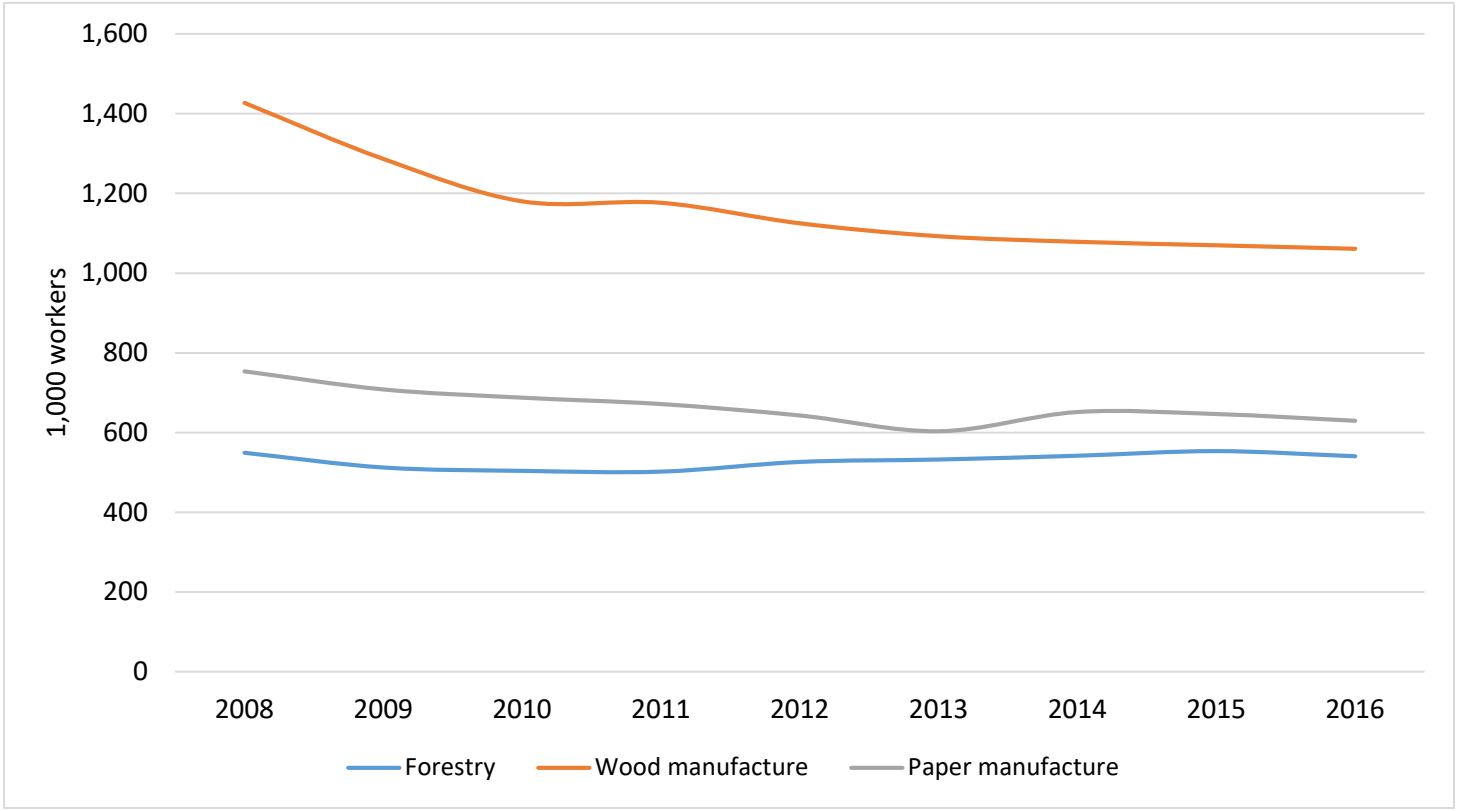

Evolution of forest sector workforce in Europe (EU28+NO and CH) in 1,000 workers (Source: EUROSTAT, 2016)

Forest Sector workforce – 50+

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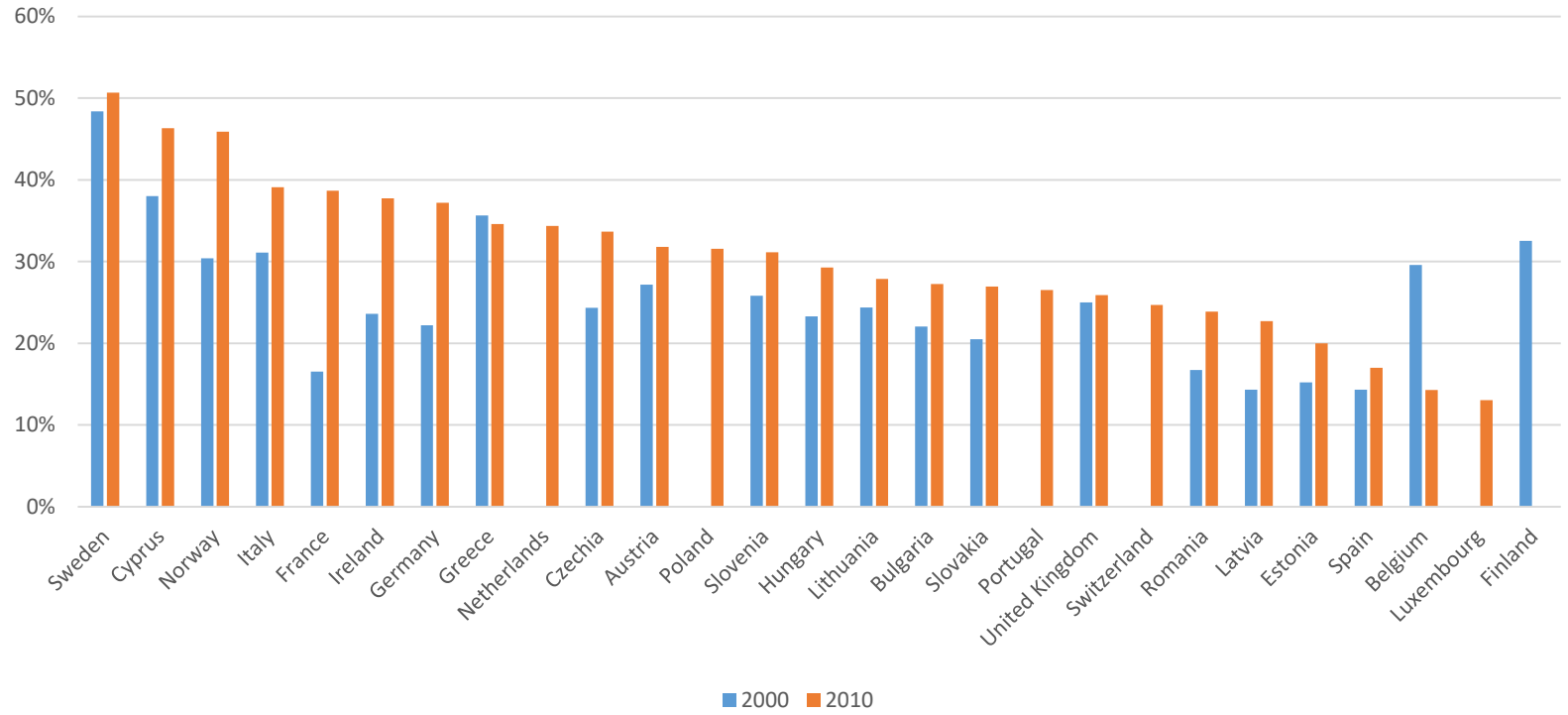

Evolution of workers aged +50 as percentage of forestry workforce in Europe (source: UNECE statistical database)

Forest Sector Workforce – women

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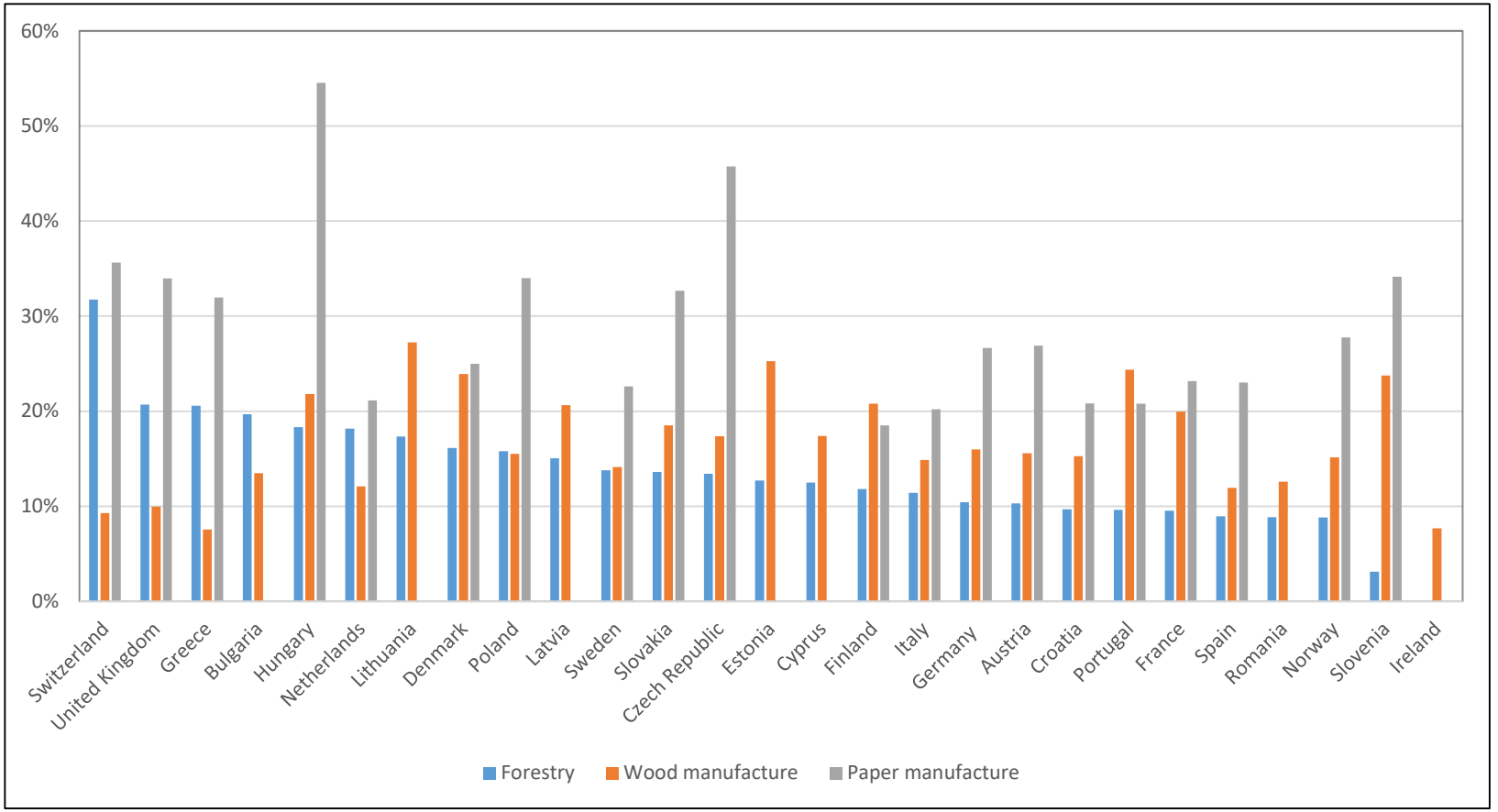

Percentage of women employed in the forest sector in Europe (Source: EUROSTAT, 2016)

Forest Sector Workforce – women cont.

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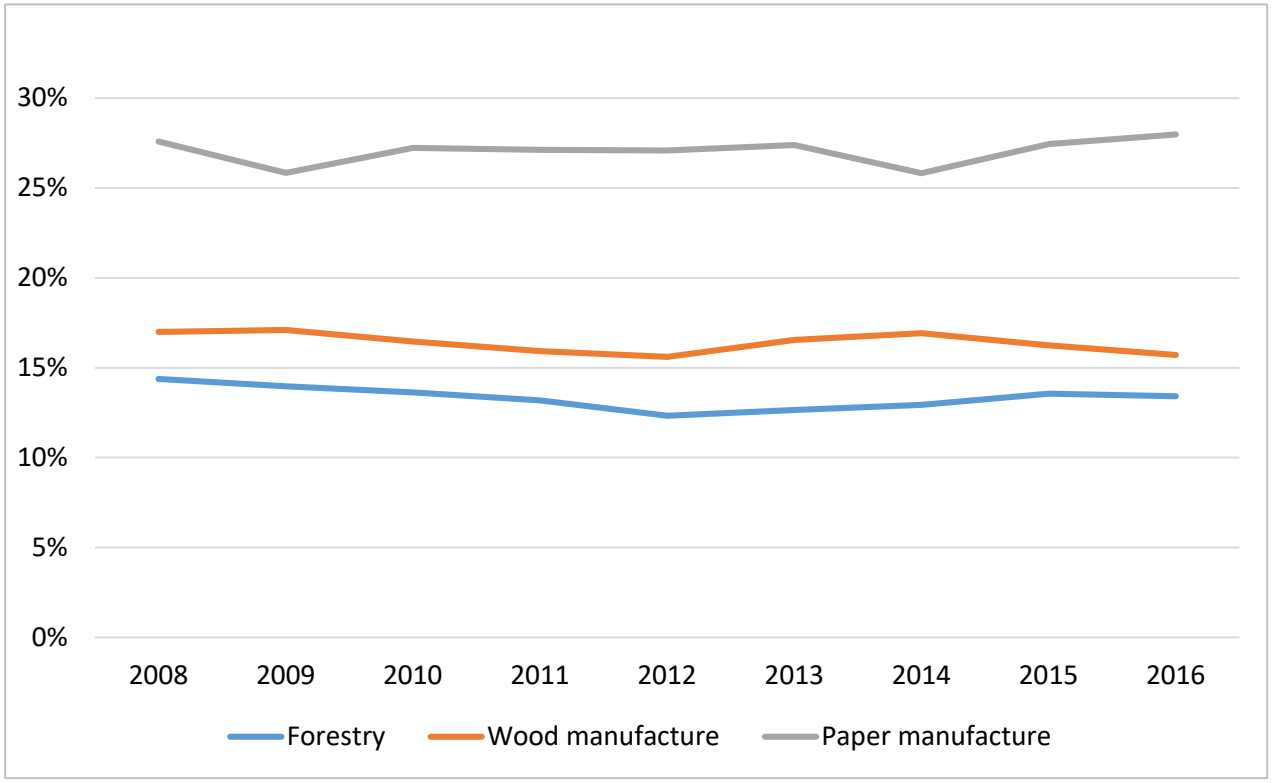

Evolution of employment of women in Europe (Source: EUROSTAT, 2016)

Forest Sector workforce – education

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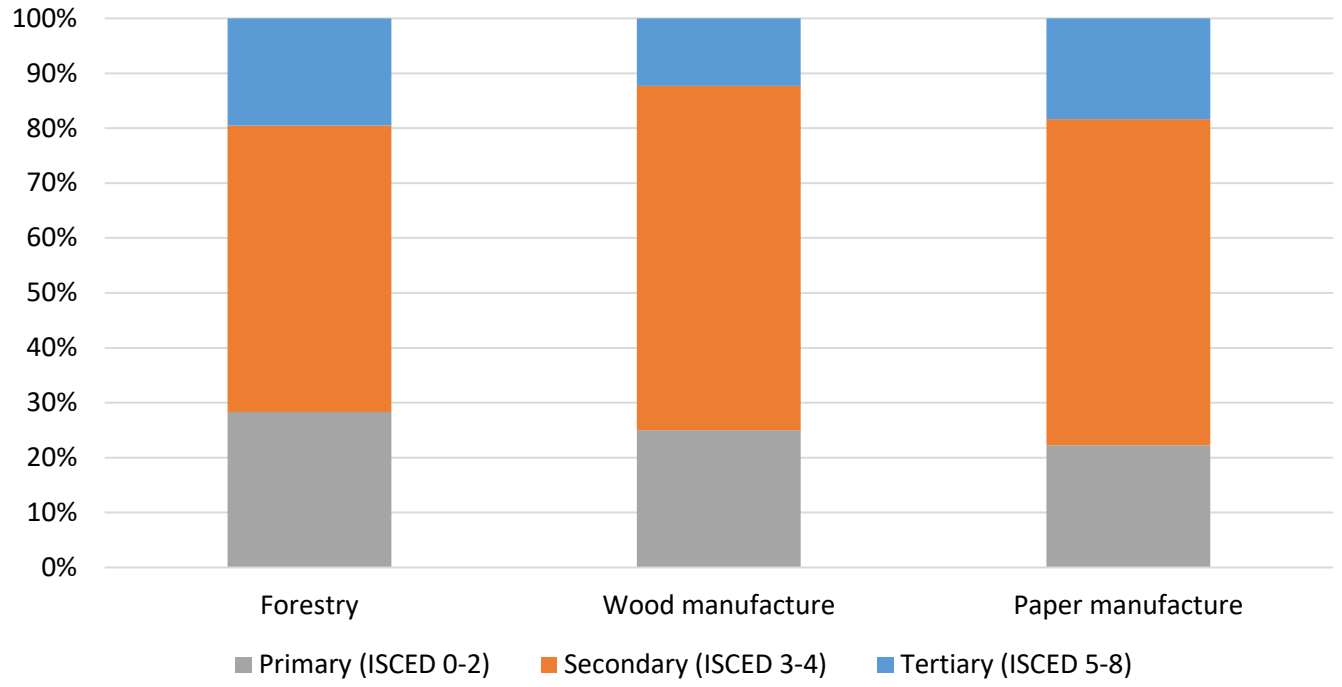

Education in the forest sector in Europe (Source: EUROSTAT, 2016)

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2. What is next?

Gaps, challenges and further developments

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Data gaps and challenges

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- Data accessibility
- Comparability across regions
- Health and safety topics

Lack of capacity to collect comprehensive, comparable and timely data on the whole UNECE region

➢ Alternative data sources are welcome

Study on forest sector workforce (in preparation)

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- CHAPTER 1 - DEMOGRAPHICS AND DIVERSITY OF THE FOREST SECTOR WORKFORCE
  - Employment trends, age, gender, diversity, education
- CHAPTER 2 - HEALTH, SAFETY AND WELL-BEING OF THE FOREST WORKERS
  - Risks – natural conditions and forestry operations, social factors, employment status,
  - Health and safety – trends, costs of occupational injuries, organizational culture and workers behavior, work ergonomics and organization systems, safety training, legislation and control measures
  - Health and well-being – impact of work on health, work environment benefits, well-being and happiness
- CHAPTER 3 – CHANGING NATURE AND ORGANISATION OF THE FOREST WORK
  - Mechanization, industrial reorganization, multifunctional forest management, labor organizations, contractors, informal sector
- CHAPTER 4 - GREEN FOREST JOBS – TOWARDS AN ATTRACTIVE AND ADAPTIVE SECTOR
  - Transformation drivers, existing and emerging green jobs, social and economic trends, skills requirements for green forest jobs, education and training needs

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Thank you!

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