

# FOREST EUROPE

## The Green Forest Jobs

The future of the forest sector workforce is green



# Agenda

- What are **Green Forest Jobs**?
- The pan-European **forest sector workforce**
- Facts and figures to **job quality** in the forest sector
- **Trends**, challenges and opportunities

# Green Jobs



- What are Green Jobs?

Contributes to **preserving or restoring environmental quality**

**Protect ecosystems and biodiversity** and **de-carbonize the economy**

**Reduce** energy, material and water **consumption**

**Avoid waste pollution**

**Decent jobs**



Source: [ILO \(2013\) Sustainable development, decent work and green jobs](#)

# Green Forest Jobs



- What are Green Forest Jobs?

Complies with the principles of **sustainable forest management**

Contributes to the **green economy**

Is involved in the **manufacture of forest products**

In the **performance of forest services**

Source: [ECE/FAO \(2018\): Green jobs in the Forest Sector](#)



# FOREST EUROPE



FOREST EUROPE is a pan-European voluntary high-level forest policy process

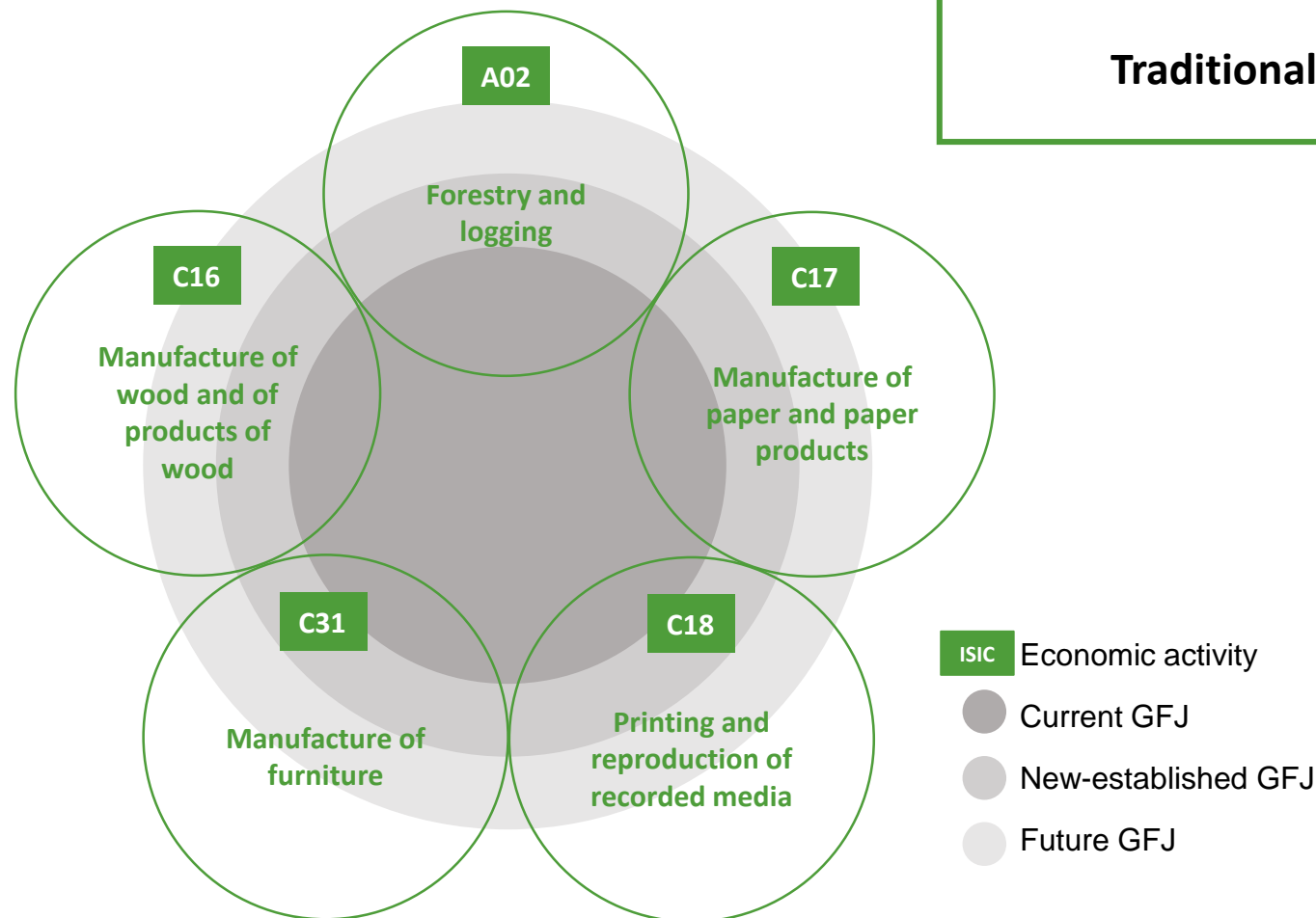
Since 1990, the aim has been **to develop common strategies for the 46 signatories** on how to **protect and sustainably manage forests**



# The forest sector



## Traditional forest sector



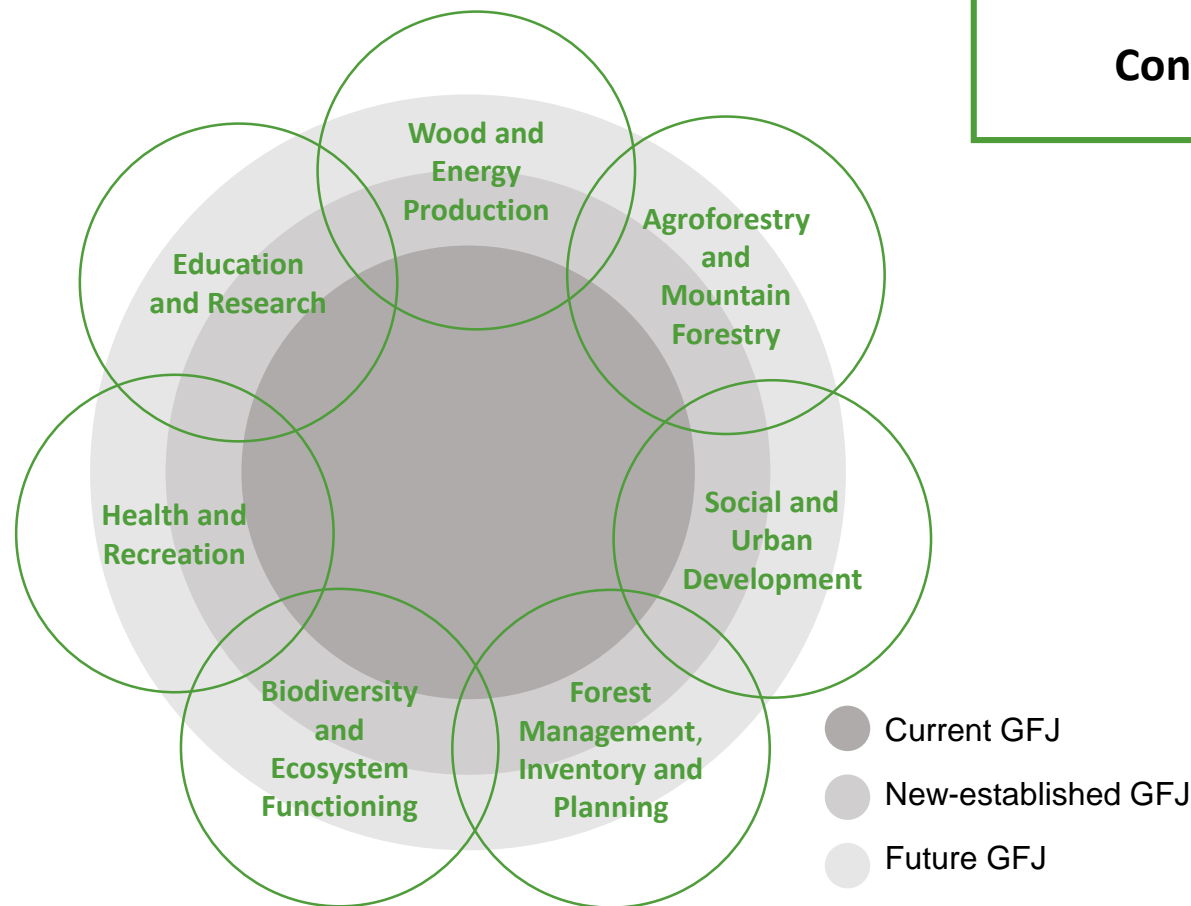
Notes: ISIC is the [International Standard Industrial Classification](#)



# The forest sector



## Contemporary forest sector



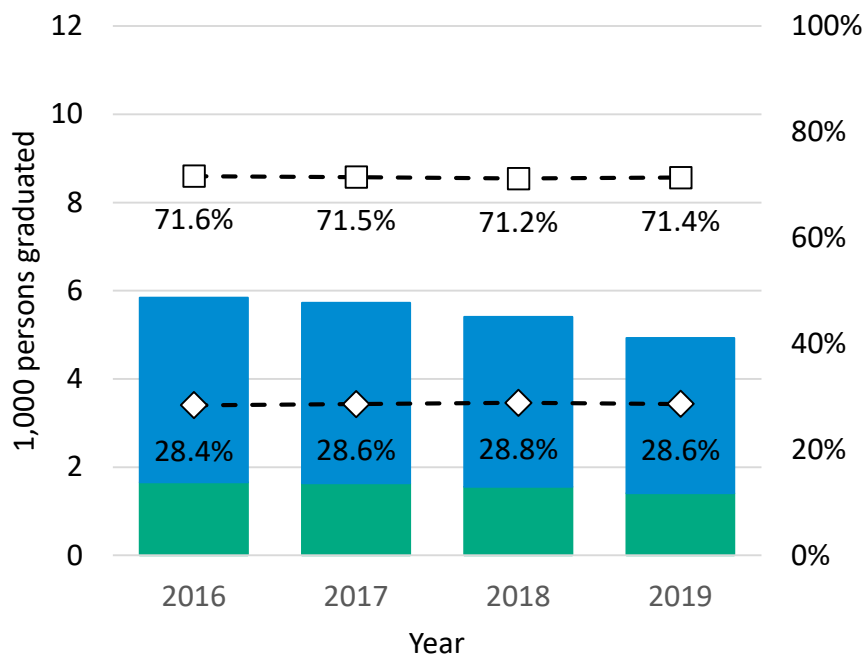
Source: [ECE/FAO \(2018\): Green jobs in the Forest Sector](#)



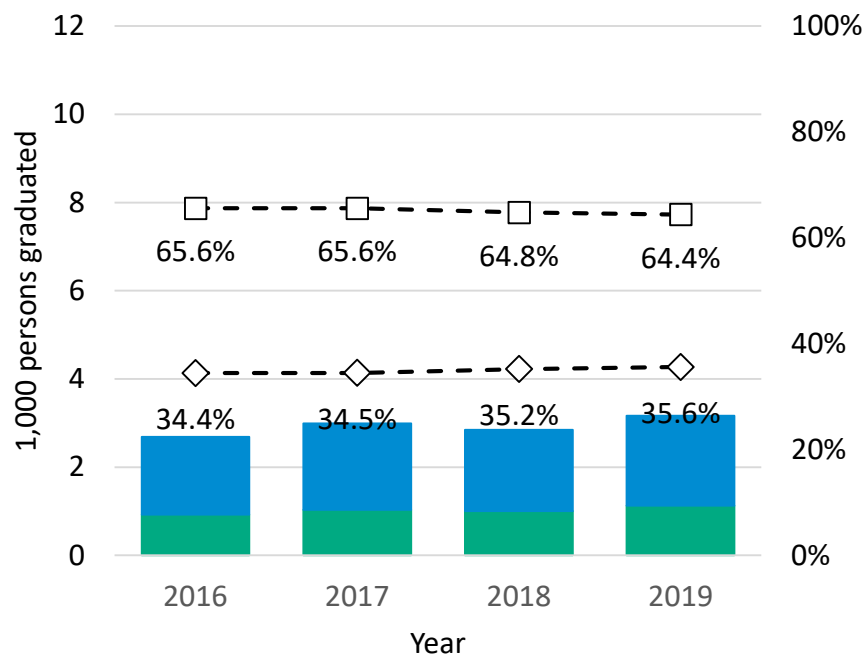
# Forest related education



### Bachelor degree



### Master degree



Female Male -◇- Female % -□- Male %

Female Male -◇- Female % -□- Male %

Notes: This estimate includes 37 countries within the pan-European region

Source: [EUROSTAT](https://ec.europa.eu/eurostat)





# Forest sector workforce



The pan-European **traditional forest sector** provided jobs for at least **5 million persons** between 2017 and 2019

## Traditional forest sector

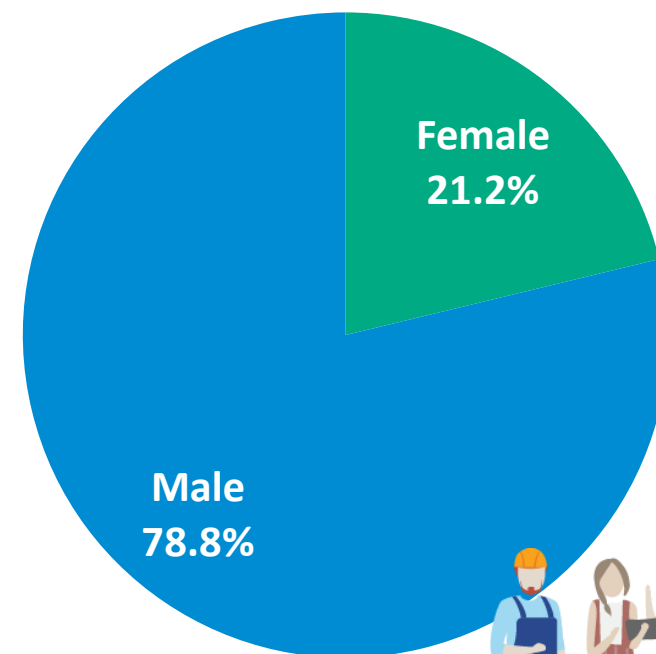
A02

C16

C17

C18

C31



Notes: This estimate includes 37 countries within the pan-European region

Source: [ILOSTAT](#)

# Forest sector workforce



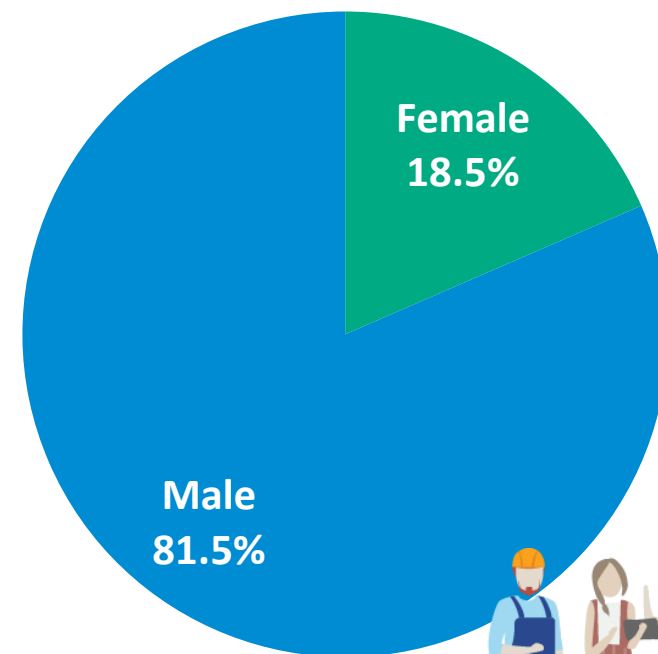
The pan-European forest sector including the economic activities of **'forestry and logging'**, **'manufacture of wood products'** and **'manufacture of paper products'** provided jobs for at least **2.6 million persons** between 2017 and 2019

## Primary forest sector

A02

C16

C17



Notes: This estimate includes 37 countries within the pan-European region

Source: [ILOSTAT](#)

# Forest sector workforce

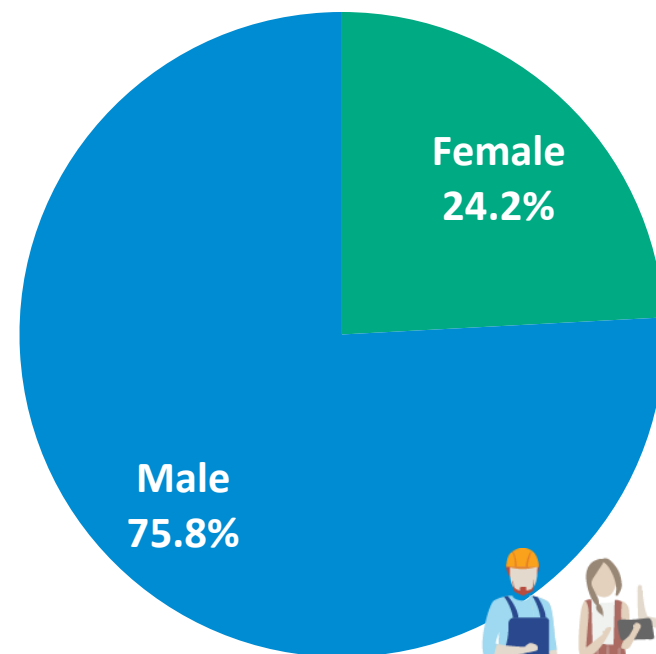


The pan-European forest sector including the economic activities of **'manufacture of furniture'** and **'printing'** contributed to another **2.4 million jobs** in pan-European region between 2017 and 2019

## Secondary forest sector

C18

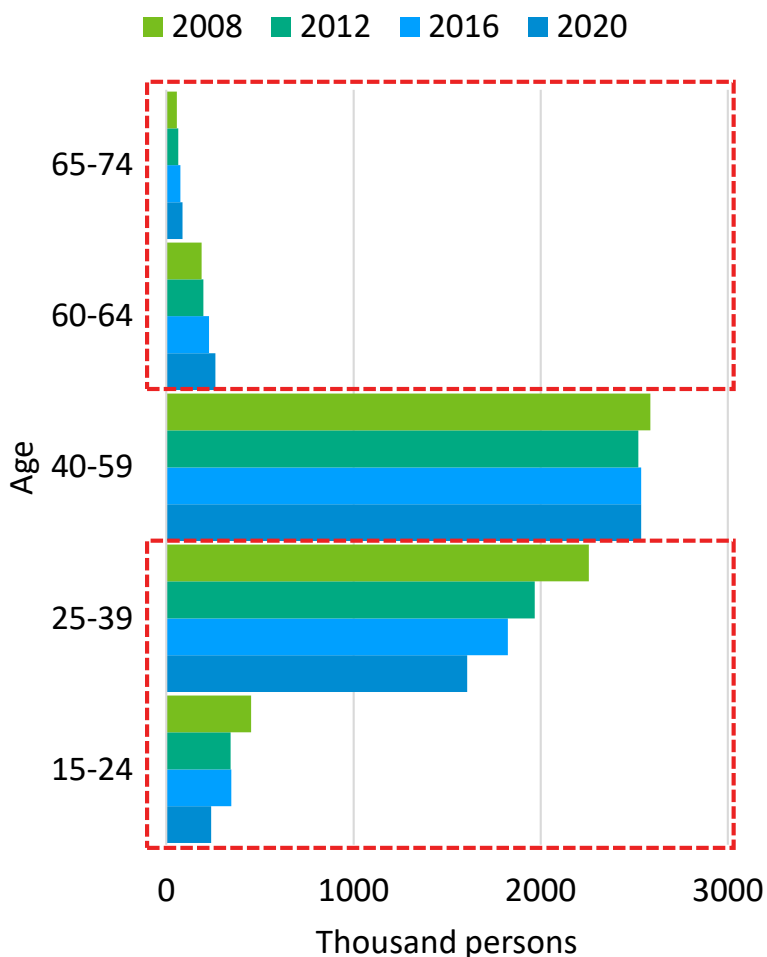
C31



Notes: This estimate includes 37 countries within the pan-European region

Source: [ILOSTAT](#)

# Forest sector workforce



## The age of the forest sector workforce

A02

C16

C17

C18

C31

Slight increase in the age of employed persons over the years

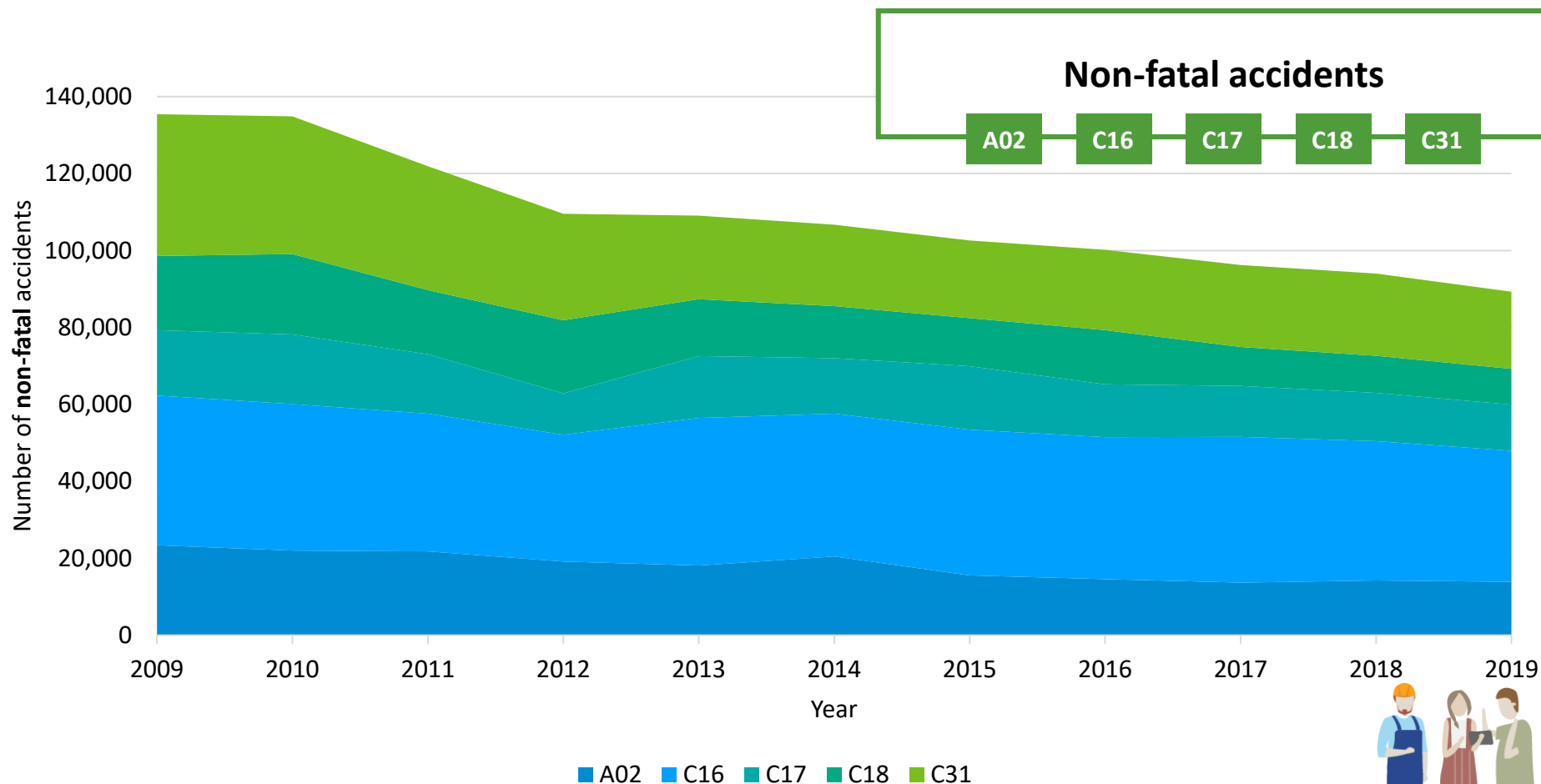
Fewer young people are entering the forestry sector



Notes: This estimate includes 35 countries within the pan-European region

Source: [EUROSTAT](https://ec.europa.eu/eurostat)

# Job quality: work safety

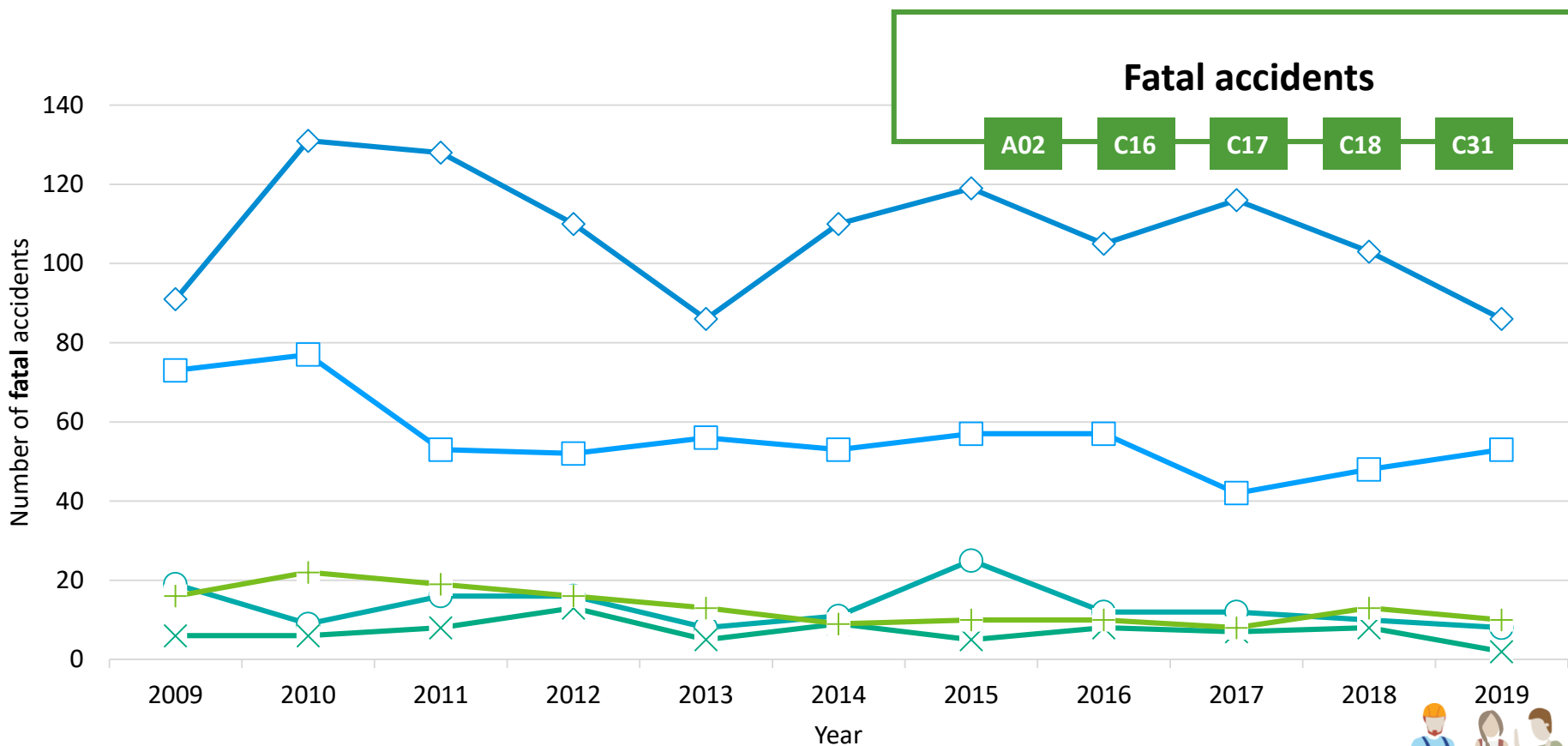


Notes: This estimate includes 31 countries within the pan-European region

Source: [EUROSTAT](#)



# Job quality: work safety



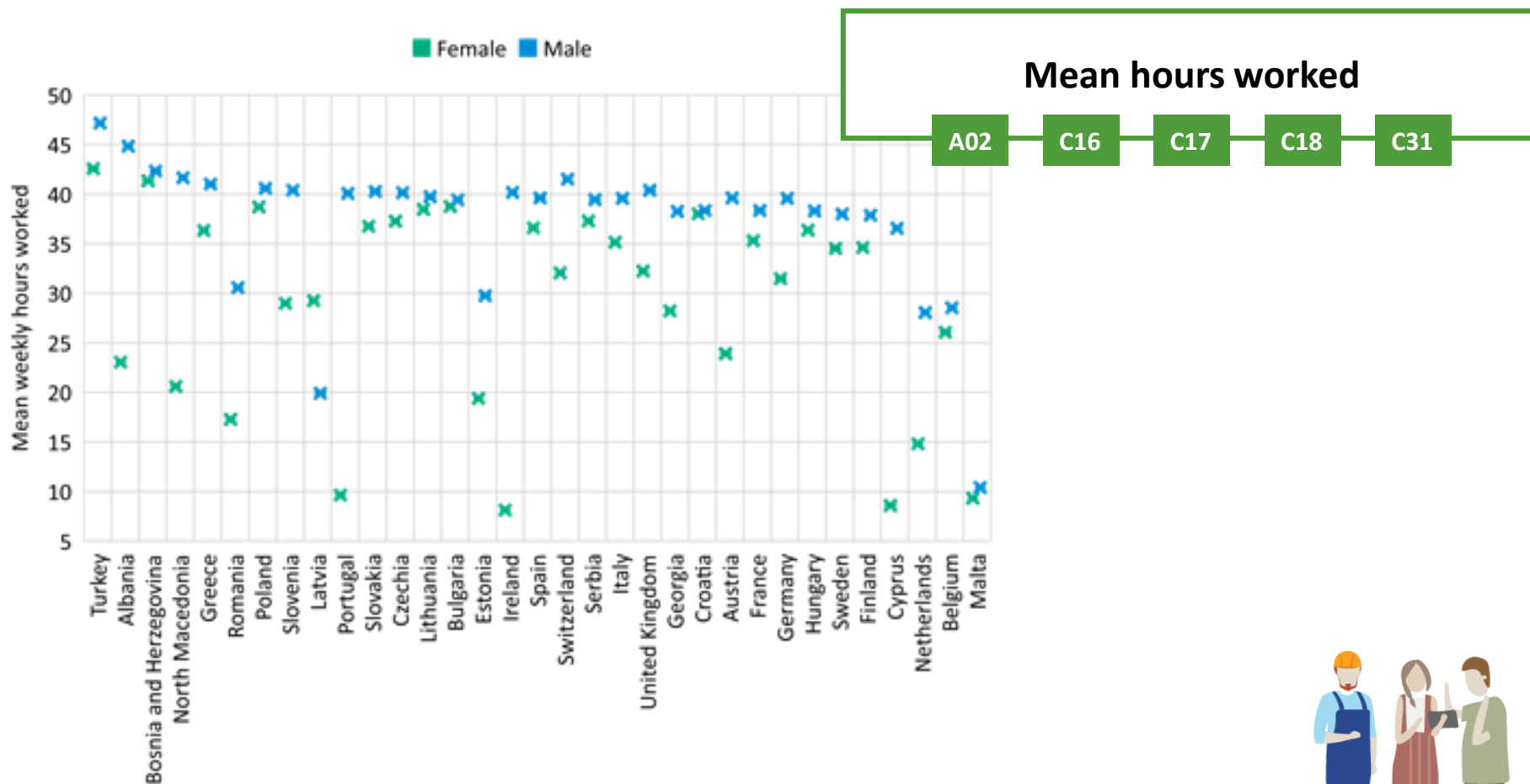
◆ A02    □ C16    ○ C17    × C18    + C31

Notes: This estimate includes 31 countries within the pan-European region

Source: [EUROSTAT](https://ec.europa.eu/eurostat)



# Job quality: working time



Notes: This estimate includes 37 countries within the pan-European region

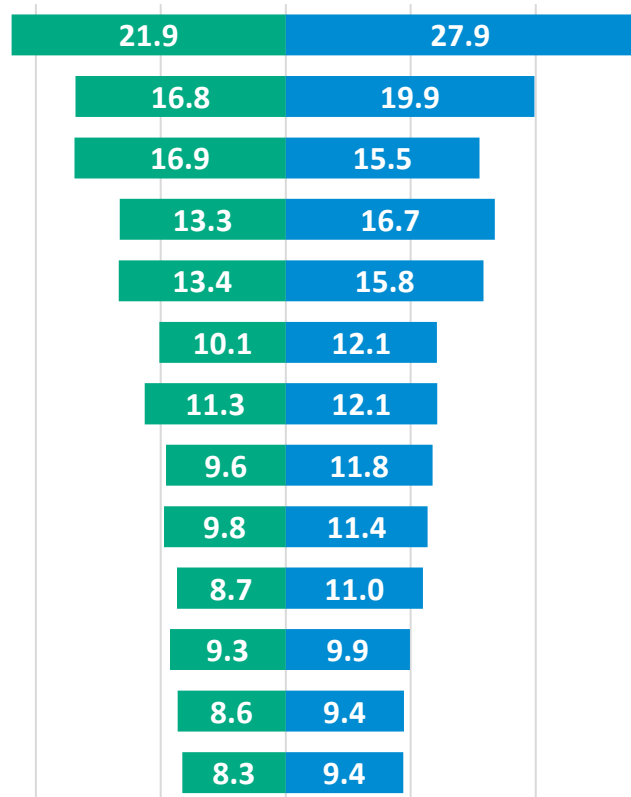
Source: [ILOSTAT](https://www.ilo.org/istat/)



# Job quality: income



Mean hourly earnings



■ Female ■ Male

## Income opportunities

A02

- [OC1] Managers
- [OC2] Professionals
- [OC0] Armed forces occupations
- [OC1-5] Non manual workers
- [OC3] Technicians and associate professionals
- [OC6-8] Skilled manual workers
- [OC4] Clerical support workers
- [OC7] Craft and related trades workers
- [OC8] Plant and machine operators and assemblers
- [OC7-9] Manual workers
- [OC5] Service and sales workers
- [OC6] Skilled agricultural, forestry and fishery workers
- [OC9] Elementary occupations

Notes: This estimate includes 32 countries within the pan-European region

Source: [EUROSTAT](https://ec.europa.eu/eurostat)





# Green Jobs trends



- **Green skills for grow Green Forest Jobs**
  - Adapt to modern society needs
  - Contemporary forest sector and potential to grow Green Forest Jobs
  - The future of the bioeconomy
- **Just transition within the forest sector workforce**
  - New working models
  - Mechanization and technological development



# Key messages



- **Incentive more women and young to engage in the forest sector**
  - **Attract and retain the forest sector workforce**
- **Keep improving working conditions**
- **Create new ways to obtain benefits from forests**
- **Forest education and training to adapt to the just transition**
  - **Reskilling and requalifying**
  - **Growing Green Forest Jobs**



**Ministerial Conference on the Protection of Forests in Europe**  
**foresteurope.org**

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