





September 2018

Trends in Green Jobs in the Forest Sector

Kathryn Fernholz, Dovetail Partners



Overview





Regional Trends

Trends in Green Jobs in the Forest Sector

Regional Trends

Growth Opportunities are Widespread

- Afforestation/Reforestation and Improvements in management
- New Products (renewable energy, green building, nanotech)
- Regeneration of jobs lost during economic recession and due to political reforms

Challenges are Widespread

- Demographics
- Policy and Economics
- Technology and Research
- Marketing and Investment



Regional Trends

- 7,000+ jobs possible in UK wood energy sector
- More than 100,000 forest sector jobs could be regenerated in the Balkan region over the next decade
- 1.63 million workers possible over 5 years of reforestation in China
- 60,000 jobs expected over 10 year period in Canada
- 30% of forest sector workers in Europe are >49 years of age
- Women are 20% of forest sector workforce

Regional Trends

- 3 million people in forest sector in Europe (2010)
- 18.2 million workers in global formal forest sector (FAO, 2008)
- 29.6 million in indirect employment (ILO, 2001)
- 350 million people obtain income from nearby forests (World Bank, 2004)



Skills, Education, and Adaptation Needs

Trends in Green Jobs in the Forest Sector



Skills, Education and Adaptation Needs

- Training and re-training
- Diversification and Technologies
- Science, Technology, Engineering and Mathematics (STEM)
- Decent Work: Fair income, security, and personal development.

Skills, Education and Adaptation Needs



Innovation

- New product development
- Enabling policies
- Research and Education
- Investment and Marketing

Skills, Education and Adaptation Needs



Rural & Urban Connections

- Urban forestry and wood products
- Green infrastructure
- SDG 11 Sustainable Cities and Communities

Skills, Education and Adaptation Needs



Monitoring and Research

- Government policy actions to support green jobs
- Green forest job metrics and reporting

Skills, Education and Adaptation Needs



Recruitment Strategies

- Job listings
- Marketing tools
- Career and education programs
- Public awareness and promotion

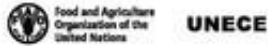


Fields of Activity for Green Jobs in the Forest Sector

Trends in Green Jobs in the Forest Sector



UNECE/FAO Publication “Green Jobs in the Forest Sector”



Green Jobs in the Forest Sector



To promote Green Jobs in the forest sector:

- (i) look at forest ecosystem services management as the frame for Green Forest Jobs;
- (ii) recognize the progress made in the development of Green Forest Jobs and to identify avenues for the future;
- (iii) enhance the public perception of jobs in the forest sector;
- (iv) revise existing curricula and develop new ones for catering to the needs of the sector to close the skills gaps; and
- (v) facilitate an inclusive transition to green economy through training and support.

<http://www.unece.org/index.php?id=48736>



Thank you

