



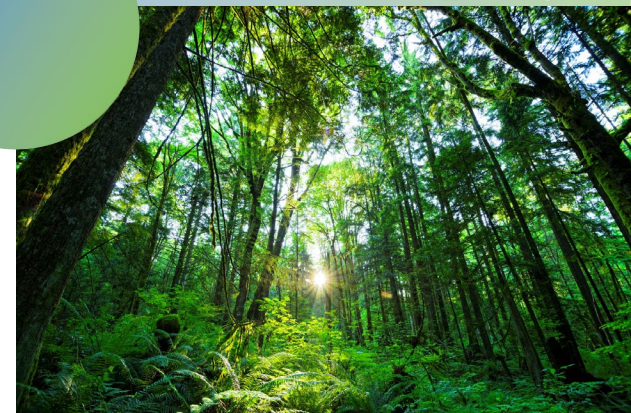
Item 5 (a)

Work Area 1: Data, monitoring, reporting and assessment

III. Wood Energy



Joint Working Party on Forest Statistics, Economics and Management, 1-3 June 2022



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III. Wood Energy

- **More heat with less wood**
- **Wood energy markets 2021**
- **Team of Specialists on Wood energy 2021**
- **Joint Wood Energy Enquiry**
- **Points for consideration**
- **Wood energy modeling**



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More heat with less wood

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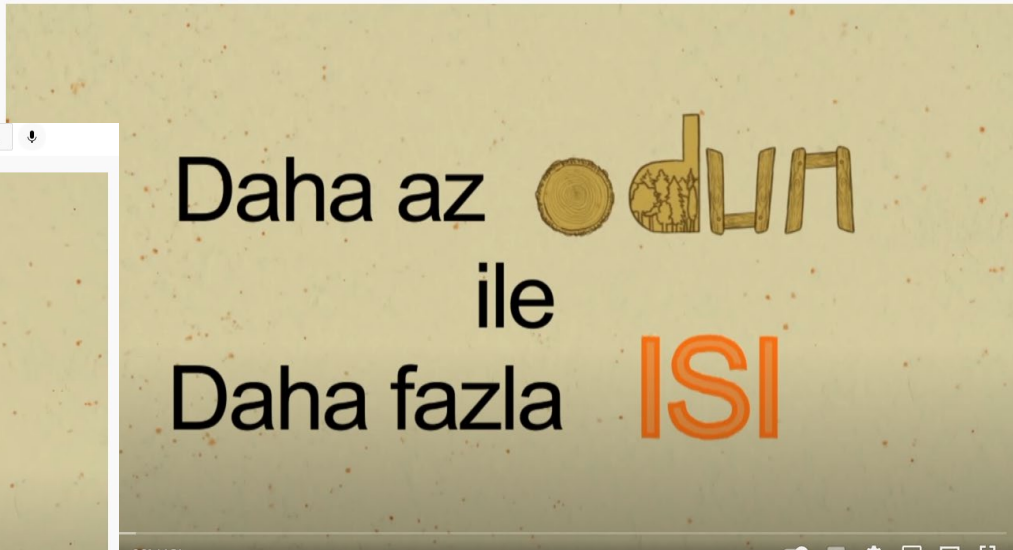


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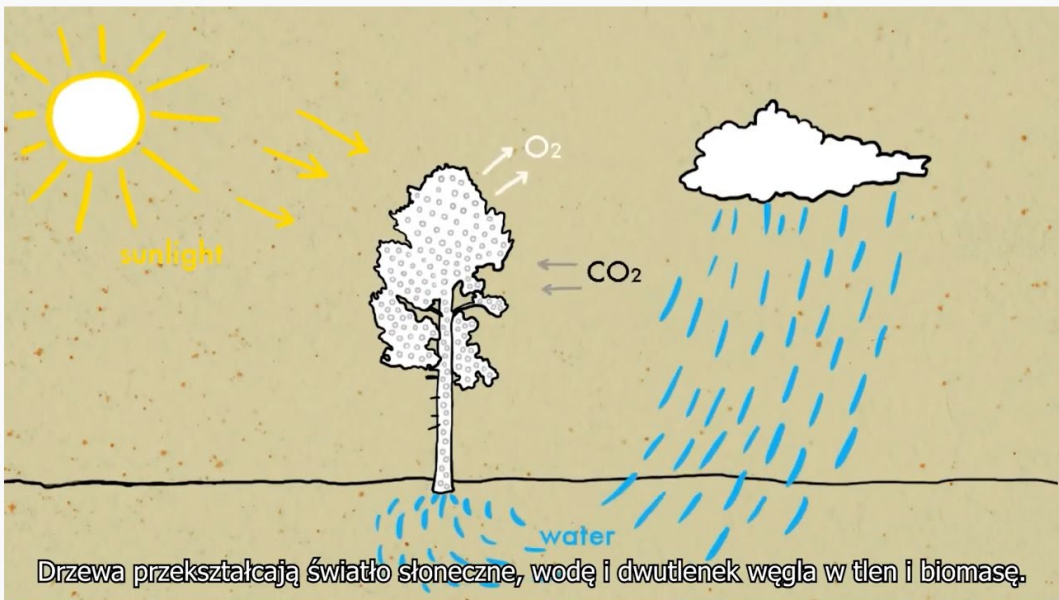




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Więcej ciepła za mniej drewna - More Heat With Less Wood

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Forest Products Annual Market Review 2020-2021



Introduction and UNECE region overview

Wood energy plays a significant role in the renewable-energy portfolios of nations across the UNECE region. According to official reports, wood fuel production and consumption decreased slightly (by about 13.9 million m³) in the region in 2020, to 246 million m³.

Much of the recent new demand for wood energy in the UNECE region has been triggered by commercial electricity production; future growth might focus on industrial and residential heating and combined heat and power.

The consumption of wood pellets is increasing steadily, both for industrial applications (electricity and heat production) and in the residential heating sector. The UNECE region accounts for 80% of world production and 90% of global exports.

A total of 35.6 million tonnes of wood pellets was produced in the UNECE region in 2020, an increase of 4.8% over 2019. Among the subregions, Europe was the largest consumer and leading exporter in 2020. Wood pellet production in the Russian Federation grew by 6.5%, year-on-year.

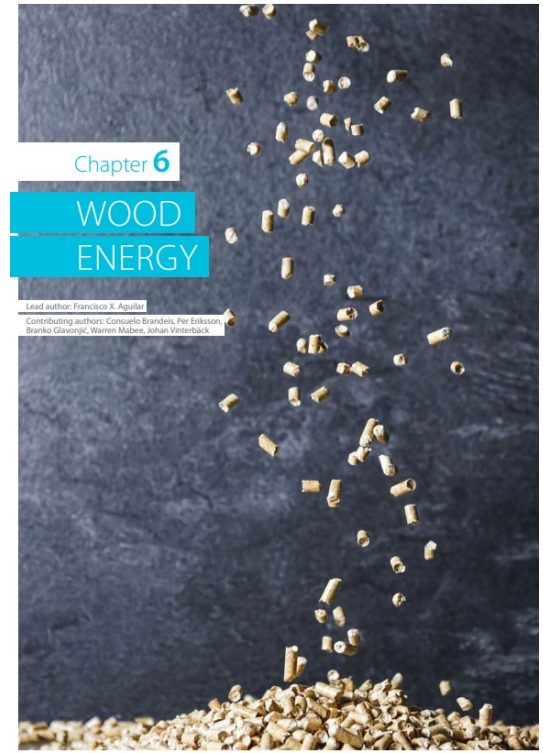
Worldwide production of ENplus-certified pellets exceeded 12 million tonnes in 2020 and is expected to surpass 14 million tonnes in 2021. Germany led global production of certified wood pellets, producing more than 3 million tonnes in 2020.

Policies promoting renewable energy and economic recovery in the wake of the COVID-19 pandemic could spur additional growth in wood-energy demand and production. The evolution of public policy, including sustainable supply and the efficient conversion of biomass into renewable energy, continues to shape wood-energy systems, as illustrated by recent government actions in the Netherlands, Sweden and the United States.

Chapter 6

WOOD ENERGY

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Branko Glavonjic, Warren Mabie, Johan Vinterback



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D. Key points on wood energy data assessment for guidance and discussion

67. Delegates are invited to:

- a) Provide feedback on the data collection process with the Joint Wood Energy Enquiry;**
- b) Advise how to improve the wood energy database, the display of data and its dissemination;**
- c) Consider hosting a capacity building event on wood energy data collection;**
- d) Provide guidance on further cross-sectoral cooperation on wood energy matters by the secretariat.**

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THANK YOU

Florian Steierer
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UNECE/FAO Forestry and Timber Section
02 June 2022, Geneva, Switzerland



Joint Working Party on Forest Statistics,
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