Meet the Specialists: Wood Energy
Past, Present and Future Work of the ToS on Wood Energy

Las2017 - joint session of the ECE Committee on Forests and the Forest Industry and the FAO European Forestry Commission
9 - 13 October 2017, Warsaw, Poland
Wood Energy
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Advise and support the joint ECE/FAO Forestry and Timber Section’s activities in work areas:

1. Data, monitoring and assessment and
2. Policy advice and dialogue

on the methodology for, the implementation of and the follow-up on the **Joint Wood Energy Enquiry** and **specific studies related to wood energy**, of the Integrated Programme of Work;

Contribute to a better understanding of **wood energy statistics** as a basis for sound **policy** making.
Monitor and analyse the policy related to wood energy and the implications for the forest sector

Provide guidance on the Joint Wood Energy Enquiry (JWEE)

Build the capacity of ECE member states to develop reliable statistics on wood energy sources and uses

Disseminate information on wood energy and liaise with relevant ToS and other organizations
ToR - Expected major outputs (2014)

- List of recommendations on the methods for, analysis and conduct of the Joint Wood Energy Enquiry
- Suggestions on the focus of work on wood energy-related publications and products
- Improved quality and quantity of replies to the JWEE
18 countries represented by 25 national specialist and 20 international experts (2016)

2014 – 2016
- ToS leader Kasimir P. Nemestothy
- ToS co-leader Dinko Vusić
- ToS Secretary Alicja Kacprzak

2016 – 2017
- ToS leader Dinko Vusić
- ToS co-leaders Matthias Dees and Francisco X. Aguilar
- ToS Secretary Florian Steierer
The UNECE/FAO Forestry and Timber Section, with the encouragement of the Joint ECE/FAO Working Party on Forest Statistics, and in collaboration with the International Energy Agency (IEA), the Food and Agriculture Organization (FAO) and the European Commission (EC) decided in June 2006 to develop and launch a "Joint Wood Energy Enquiry"

The JWEE aims at **improving knowledge and understanding of wood energy consumption** and tries to shed light on the potential and future perspective of wood energy in the region.

It collects data of both **sources** and **uses** of wood and promotes cooperation between the energy and forest sectors, providing a comprehensive framework on the role of wood energy in Member States.
Joint Wood Energy Enquiry
ToS meetings

- 16 July 2014 Geneva, Switzerland
16 July 2014 Geneva, Switzerland

The meeting identified possible priorities for the work of the ToS:

- work on the conversion factors
- addressing the issue of double counting, as existing data about how much wood is available in the market is confusing
- raising awareness on the importance of wood energy in the overall renewable energy portfolio
- preparation of a wood energy status report in the UNECE region

- collection of the best practices on the UNECE website and by supporting the member states in improving the quality of the submitted data as well as in exchanging experience from filling out the Joint Wood Energy Enquiry (JWEE)

- the possibility of organisation of capacity building events and publication of a study paper in relation to one of the prioritized themes
ToS meetings

- 11 - 12 March 2015 Vienna, Austria
11 - 12 March 2015 Vienna, Austria

Joint Wood Energy Enquiry
  - data improvement, experience sharing, capacity building

Conversion Factors
  - volume – density – mass – energy

Sankey Diagrams
  - visualization of the market flow of wood
  - addressing the „wood supply gap”

Wood Energy Publication
  - thematic and geographical scope
ToS meetings

- 14 - 16 June 2016 Zagreb, Croatia
14 - 16 June 2016 Zagreb, Croatia

Joint Wood Energy Enquiry
- JWEE 2013 results
- Structure of the JWEE country profiles sheet and Improvements
- Structure of the JWEE questionnaire and Improvements

Report from the workshop “More heat with less wood”

Project Idea on Wood and Wood Energy Statistical Challenges

- Revised outline and content for each discussed chapters
- Additional contributors and reviewers added to the publication
ToS meetings

- 17 - 19 May 2017 Durham, North Carolina, USA
17 - 19 May 2017 Durham, North Carolina, USA

Report from the Workshop on Bioenergy from the Forest Sector - Capacity Building for Information Budapest, Hungary

- organized, jointly with the International Renewable Energy Agency (IRENA)
- the objective of the workshop was to improve the completeness and availability of wood energy data
- during the workshop national correspondents were provided with guidance on how to prepare energy data for their country for the JWEE (and information on the relationship between the JWEE, JFSQ and the Renewable Energy Questionnaire of IRENA)

- Presentation of the Publication “The State of Wood Energy in Europe, CIS and North America” and Final peer review of the publication
Publication “The State of Wood Energy in Europe, CIS and North America”

- Chapter 1. The multiple functions of wood energy
- Chapter 2. The Joint Wood Energy Enquiry (JWEE), with Annex
- Chapter 3. Wood energy fuels
- Chapter 4. Public policy instruments for the support of sustainable wood energy
- Chapter 5. Outlook to future wood energy markets
- Chapter 6. Sustainable levels of Wood for Energy Removals
- Glossary
Activities (2018 – 2021)

- Hold annual ToS meetings to:
  - Analyze wood for energy generation and the implications for the forest sector
  - Offer guidance and recommendations to Joint Wood Energy data collection

- Actively disseminate publication and key messages synthesized in first issue of “Wood Energy in Europe, Commonwealth of Independent States, and North America” series

- Coordinate and complete a second issue of Wood Energy in ECE publication series
Outputs (2018 – 2021)

- Publish scholarly manuscripts (2) examining longitudinal trends in JWEE data and socio economic and environmental aspects of wood energy use in UNECE countries including its contribution towards the attainment of SDGs and mitigate climate change
- Issue a revised list of recommendations on the methods for, analysis and conduct of the Joint Wood Energy Enquiry
- Enhance capacity of ECE member States to develop reliable wood energy statistics (2 capacity building workshops)
- Improved quality and quantity of replies to the JWEE
- Yearly, draft a chapter on wood energy for the Forest Products Annual Market Review
Activities (2018 – 2021)

Publication

- Actively disseminate publication and key messages synthesized in first issue of “Wood Energy in Europe, Commonwealth of Independent States, and North America” series

- Coordinate and complete a second issue of Wood Energy in ECE publication series
  - Wood Energy to Support Sustainable Development Goals
  - By 2020
- Enhance capacity of ECE member States to develop reliable wood energy statistics

- Improved quality and quantity of replies to the JWEE
- Issue a revised list of recommendations on the methods for, analysis and conduct of the Joint Wood Energy Enquiry
  - Bark problem – JSFQ - JWEE
  - Work with IRENA – production vs. consumption
Yearly, draft a chapter on wood energy for the Forest Products Annual Market Review

Publish scholarly manuscripts (2) examining longitudinal trends in JWEE data and socio economic and environmental aspects of wood energy use in UNECE countries including its contribution towards the attainment of SDGs and mitigate climate change
Thank you!