



# Team of Specialists: Wood Energy

Leader: Mr. Francisco AGUILAR

Deputies: Mr. Matthias DEES, Mr. Richard SIKKEMA, Mr. Dinko VUSIC

Secretary: Mr. Florian STEIERER





## 2020-21 Activities

- **Annual ToS Meeting**
  - 6th meeting of UNECE/FAO Team of Specialists on Wood Energy, 16 November 2020 (online), hosted by SLU- Sweden
- **Forest Products Annual Market Review**
  - Successfully contributed to the Forest Products Annual Market Review 2019-2020/2020-21.
- **Webinars**
  - "The Drax Biomass Carbon Calculator - background, scope and functionalities", by *Michael Goldsworthy*, Sustainability Manager, UK.
  - "Recent market developments in Europe involving sustainability along the pellet supply chain ", by *Dr. Christian Rakos*, President of the World Bioenergy Association (WBA) and Managing Director of the Austrian Pellets Association (proPellets Austria).



# UNECE/FAO Team of Specialists on Wood Energy



*DRAX Biomass Carbon Calculator –background, scope and functionalities*



**UNECE/FAO Team of Specialists on Wood Energy**  
**11 June 2020, Geneva, Switzerland**



## 2020-21 Activities

### ■ Synergies

- Engagement with FAO efforts to revise the global wood energy modeling
- Examining impacts of expanding wood pellet sector in the USA (<https://www.nature.com/articles/s41598-020-75403-z>);
- Assessing residential wood energy consumption amongst German households (<https://www.sciencedirect.com/science/article/pii/S0961953419301473> )

Research paper

Assessment of residential wood energy consumption using German household-level data

Sebastian Glasenapp <sup>a</sup> <sup>1</sup> , Francisco X. Aguilar <sup>b</sup> , Holger Weimar <sup>c</sup> , Udo Mantau <sup>a, 2</sup> 

[nature](#) > [scientific reports](#) > [articles](#) > [article](#)

**Expansion of US wood pellet industry points to positive trends but the need for continued monitoring**

Francisco X. Aguilar , Ashkan Mirzaee, Ronald G. McGarvey, Stephen R. Shifley & Dallas Burtraw



## **2021 Planned activities**

- In 2021 continue webinar series, possible extend participation beyond ToS to increase impact and visibility.
  - Opportunities and risks regarding wood energy's role in renewable energy portfolios, energy efficiency, and net greenhouse gas reduction targets.
- The ToS identified the following topics on the contribution of wood energy to the Sustainable Development Goals:
  - Wood energy and air quality
  - Carbon neutrality of wood energy

# ***Wood Energy in the ECE Region:***

Data, trends and outlook in Europe, the Commonwealth of Independent States and North America

UNITED NATIONS PUBLICATION

Sales No.: E.18.II.E.9

ISBN: 978-92-1-117154-9

e-ISBN: 978-92-1-363109-6

ECE/TIM/SP/42

<http://www.unece.org/fileadmin/DAM/timber/publications/SP-42-Interactive.pdf>



Food and Agriculture  
Organization of the  
United Nations

**UNECE**

## **Wood Energy in the ECE Region**

Data, trends and outlook in Europe,  
the Commonwealth of Independent States and North America



UNITED NATIONS



# Thank you!



Francisco X Aguilar  
Leader, Tos Wood Energy  
**UNECE/FAO Forestry and Timber Section**



# ***Wood Energy in the ECE Region:***

Data, trends and outlook in Europe, the  
Commonwealth of Independent States and North  
America

UNITED NATIONS PUBLICATION

Sales No.: E.18.II.E.9

ISBN: 978-92-1-117154-9

e-ISBN: 978-92-1-363109-6

ECE/TIM/SP/42

<http://www.unece.org/fileadmin/DAM/timber/publications/SP-42-Interactive.pdf>

## **Wood Energy in the ECE Region**

Data, trends and outlook in Europe,  
the Commonwealth of Independent States and North America

