

















#### GUIDANCE ON WORK AREA 1: DATA, MONITORING, REPORTING AND ASSESSMENT

Wood Energy

Sebastian Glasenapp & Florian Steierer

#### **FORESTS**



40<sup>th</sup> Joint UNECE/FAO Working Party on Forest Statistics, Economics and Management

**22-23 March 2018, Geneva** 





## **Outline**



- Success stories
  - Team of Specialists meeting
  - Wood energy publication
  - More heat with less wood
  - Joint wood energy enquiry detailed data 2015
- Challenges
  - How to present results and data in the future?
- Way ahead
  - JWEE2017
  - Capacity building





## FORESTS



 Fourth Meeting of the UNECE/FAO Team of Specialists on Wood Energy (17 - 19 May 2017), United States, North Carolina, Durham









- Fourth Meeting of the UNECE/FAO Team of Specialists on Wood Energy (17 19 May 2017), United States, North Carolina, Durham
- Publication on wood energy



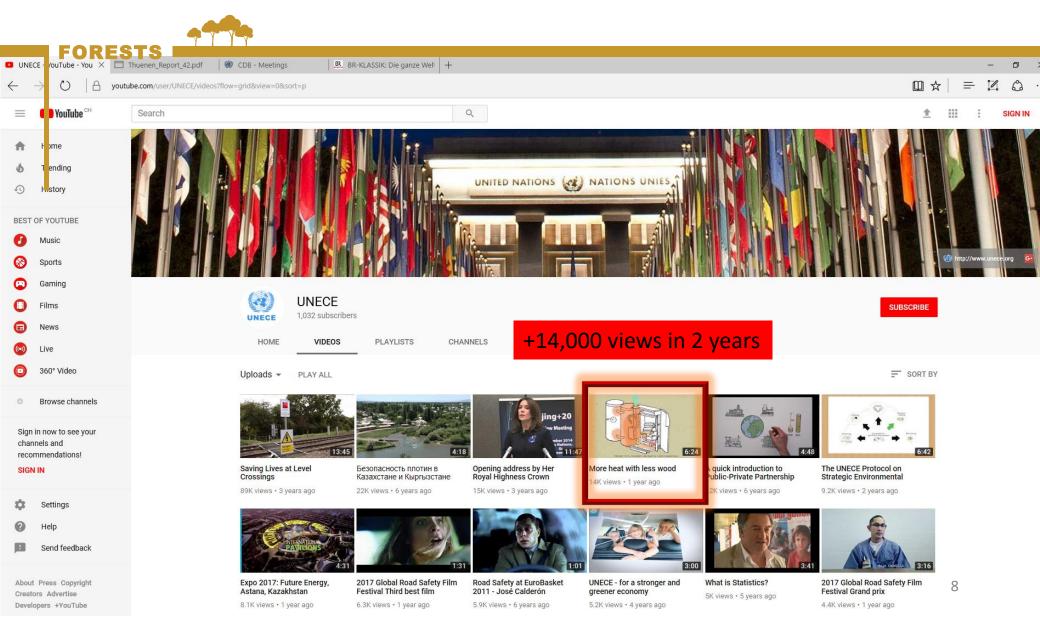




- Fourth Meeting of the UNECE/FAO Team of Specialists on Wood Energy (17 - 19 May 2017), United States, North Carolina, Durham
- Main topic discussed: Chapters of the publication on wood energy
- More heat with less wood









- Fourth Meeting of the UNECE/FAO Team of Specialists on Wood Energy (17 - 19 May 2017), United States, North Carolina, Durham
- Main topic discussed: Chapters of the publication on wood energy
- More heat with less wood
- Joint wood energy enquiry detailed data 2015





THÜNEN

















# Wood energy consumption in the ECE region

Final results from JWEE 2015

Sebastian Glasenapp

#### **FORESTS**



40th Joint UNECE/FAO Working Party on Forest Statistics, **Economics and Management** 

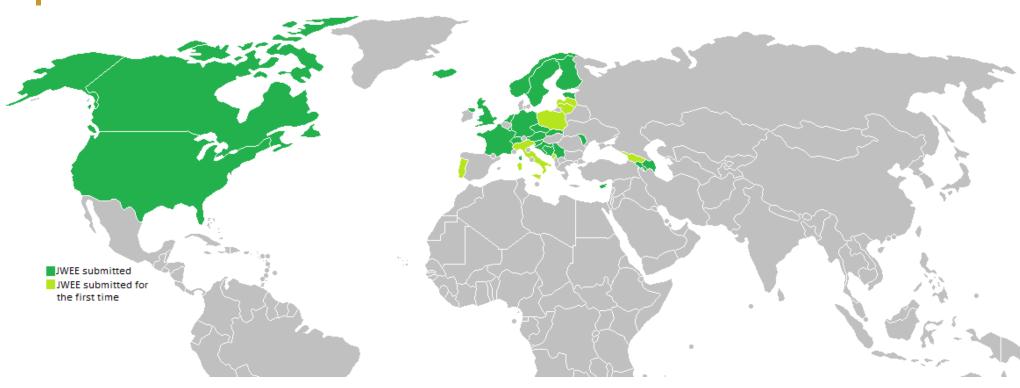
**22-23 March 2018, Geneva** 





# Coverage of the JWEE 2015 reporting





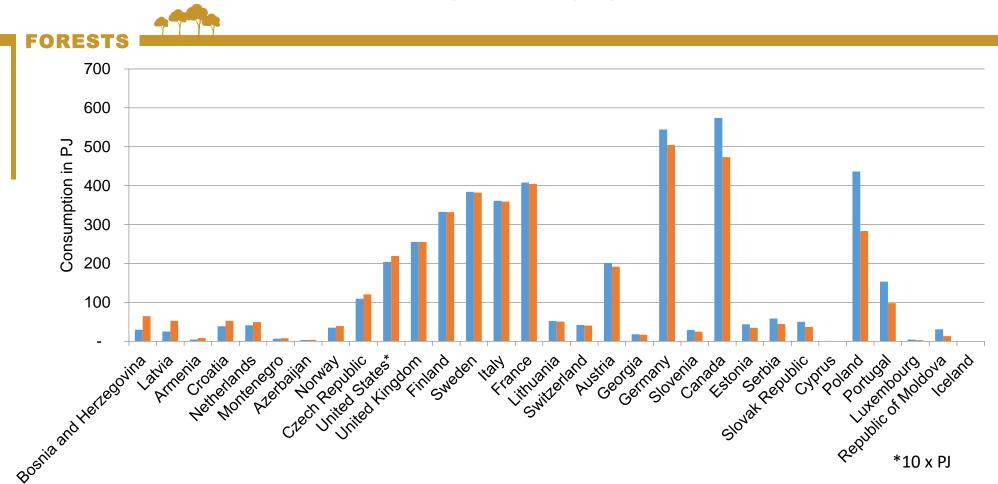
31 member states reported wood energy consumption in table IV





# **Comparison to energy statistics**

JWEE 2015 and IEA solid biofuels



■ Wood energy in JWEE 2015
■ Solid biofuels from IEA renewable energy questionnaire



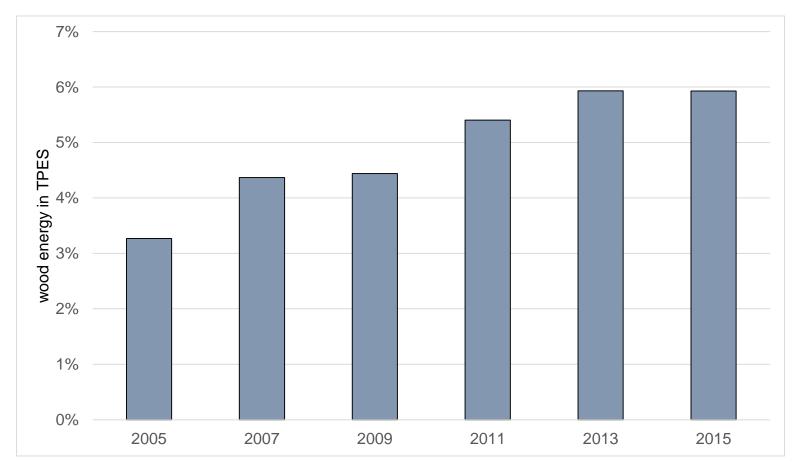


## **Wood energy in Total Primary Energy Supply**

in JWEE 12 countries

#### **FORESTS**





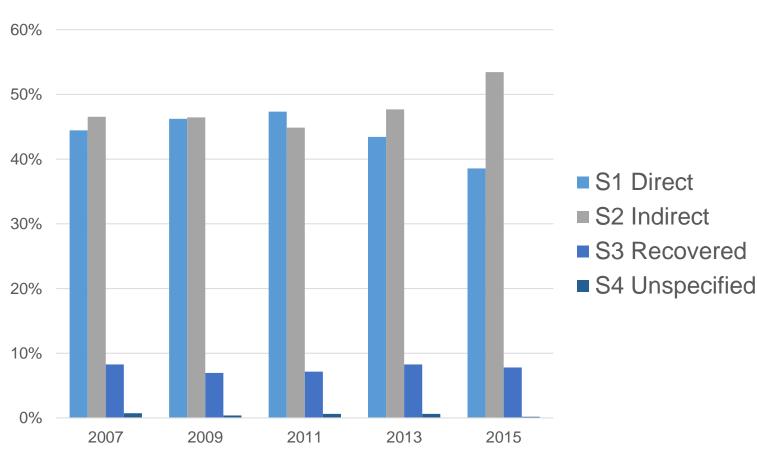




# Sources of wood energy

in JWEE 12 countries



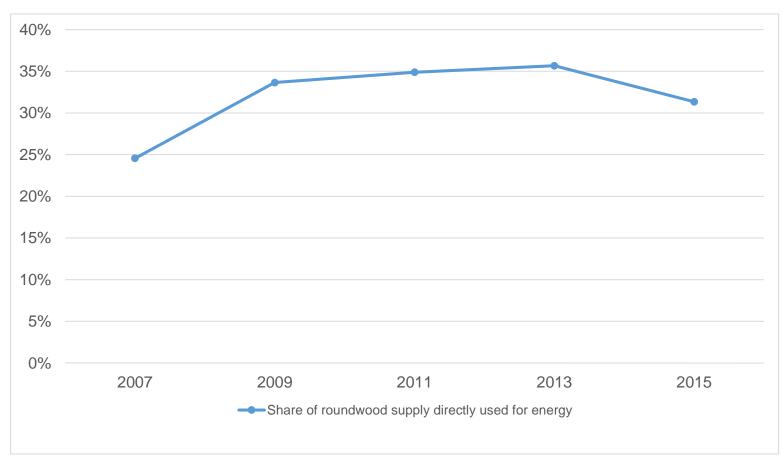






# Share of roundwood supply directly used for energy



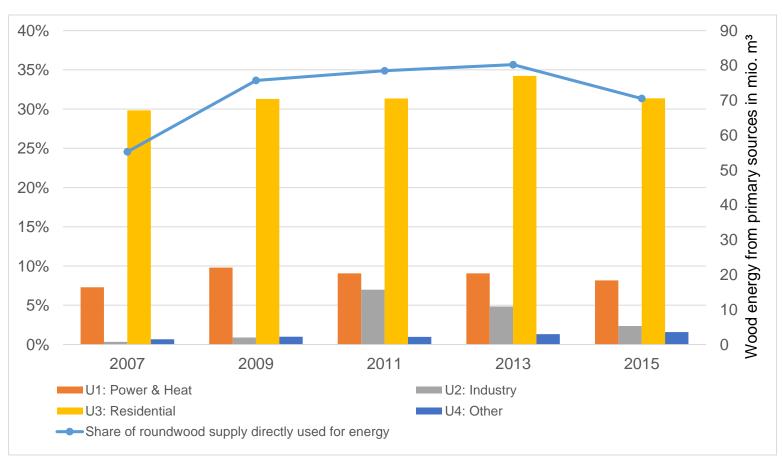






# Share of roundwood supply directly used for energy







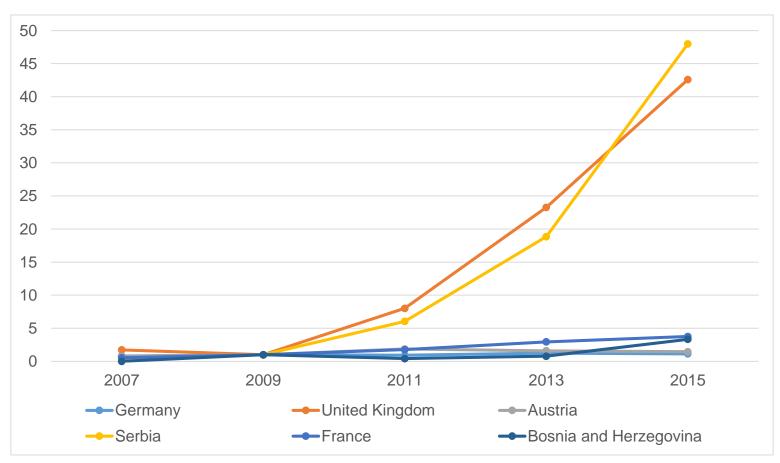


# Wood pellet consumption per capita

Index 2009 = 1









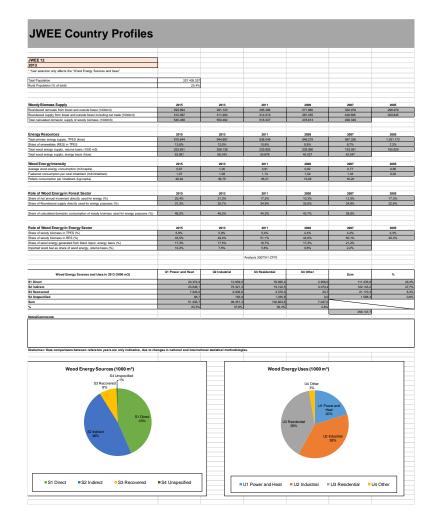


## **Data access**

#### JWEE website





























# Thank you!





Sebastian Glasenapp
Thünen Institute of International Forestry and Forest
Economics
UNECE/FAO Forestry and Timber Section
22-23 March 2018, Geneva





# **Challenges**





How to present results and data in the future?

## **Today:**

Excel-based database - download entire database - 40Mb!

### **Future:**

Threefold approach:

- Aggregated data on indicators for quick overview
- Interactive database (e.g. UNECE statistics)
- Downloadable flat file for analytical work

# Way ahead

#### **FORESTS**



- JWEE2017:
  - Ready to be rolled out without changes (structure)
  - Prefilling of data needed
  - Launch of data collection in autumn 2018
  - Preliminary results available for the 41st session

Capacity building event?

2012 @ Paris

2016 @ Budapest (with IRENA)

...

# The Working Party is invited to:

#### FORESTS



(Secretariat paper 4a Paragraph 72)

- a. [provide guidance] How to further improve the update of JWEE data in energy and forestry statistics and reporting (Joint Forest Sector Questionnaire/FAO statistics, Forest Resources Assessment, State of Europe's Forests, Group of Experts on Renewable Energy, Environmental Performance Reviews, etc.);
- b. Provide guidance on any other aspects or the Joint Section's work on wood energy.

#### ToS report:

• There seems to be a downward trend in the number of Countries represented in the ToS. The ToS kindly asks WP members to encourage participation and nominate participants to ensure adequate representation for the most important source of renewable energy in the UNECE region.



















# Thank you!

FORESTS



Sebastian Glasenapp
Thünen Institute of International Forestry and Forest
Economics
UNECE/FAO Forestry and Timber Section
22-23 March 2018, Geneva



