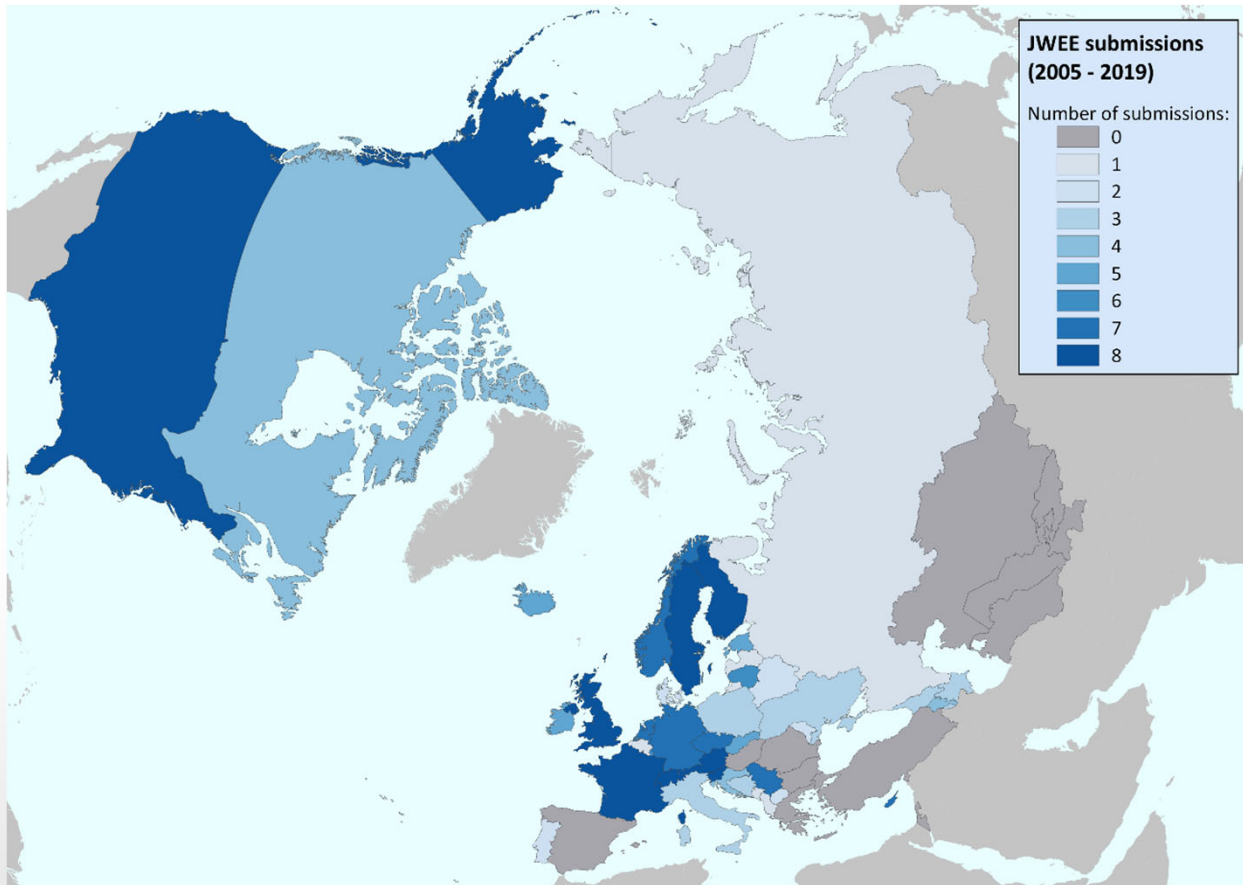


Outline

1. Spatial coverage
2. Replies and number of filled cells
3. Results
4. Summary

1. Spatial coverage



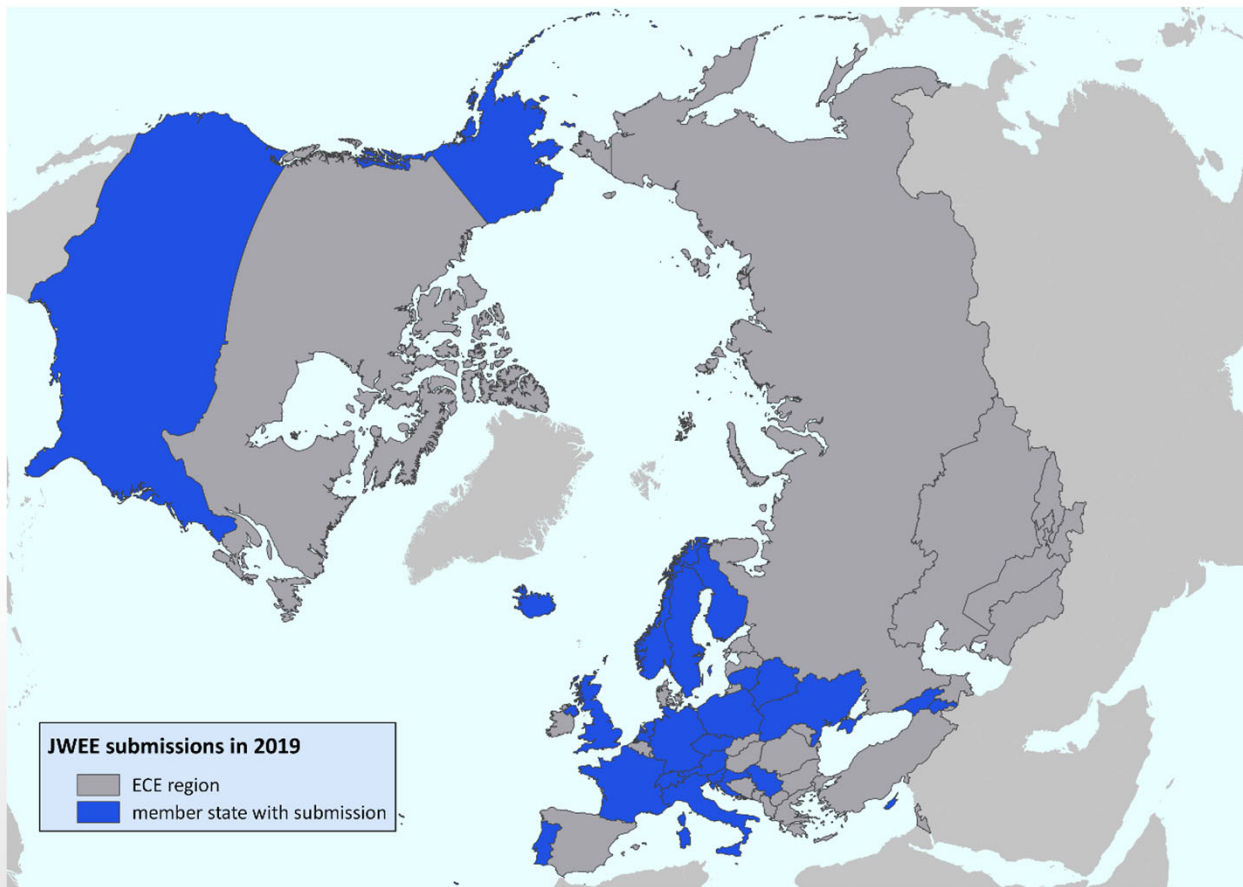
JWEE timeline

2005:	14
2006	
2007:	16 (WP)
2008	
2009:	20 (WP)
2010	
2011:	24
2012	(WP; CW)
2013	26
2014	
2015	31
2016	CW
2017	30
2018	
2019:	24*

* as of April 2022

WP – UNECE/FAO Working Party discussing JWEE
CW – Capacity Building Workshop

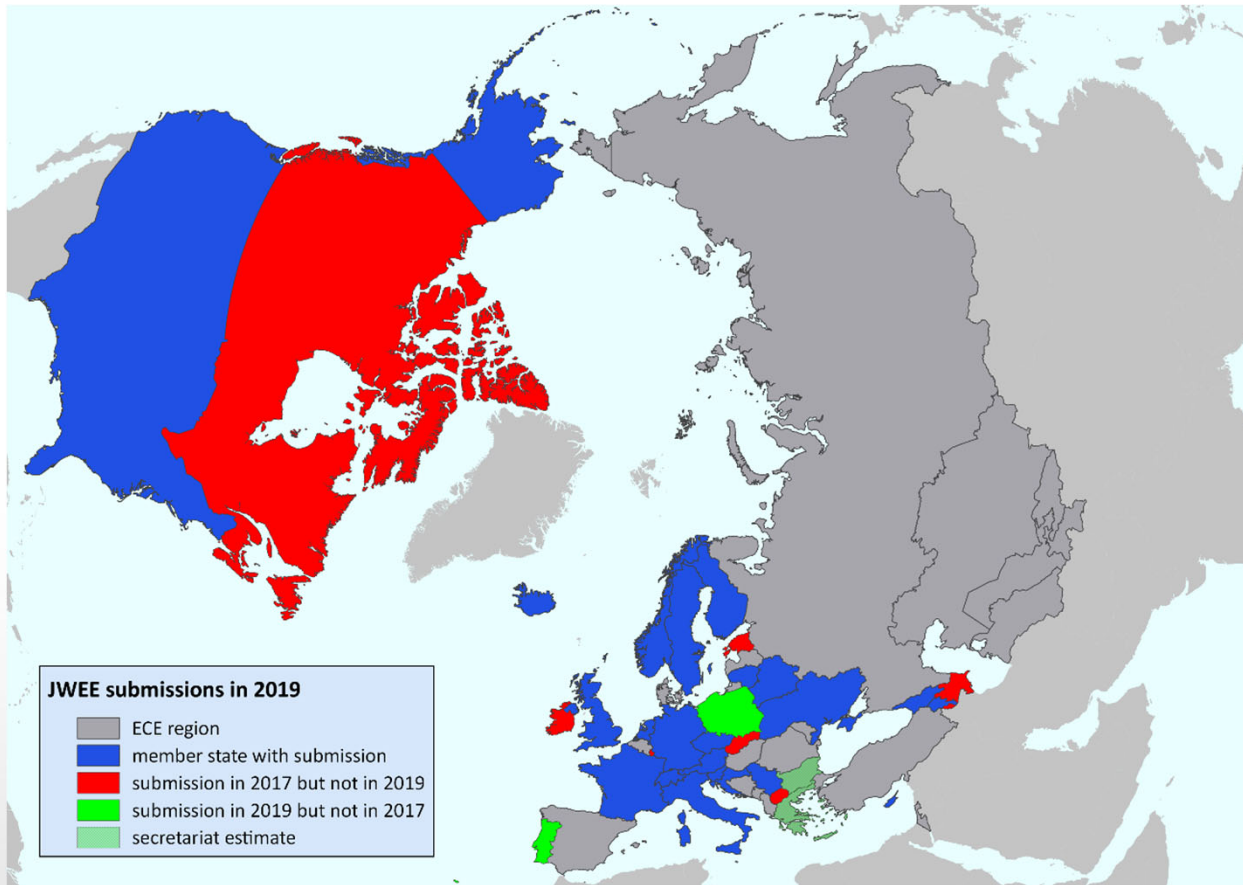
1. Spatial coverage



JWEE 2019

- **Total: 26 submissions**
- 24 member states provided data in table IV
- 8 member states that provided data in 2017 stopped reporting
- 2 member states resumed submitting data
- 2 member states provided a JWEE questionnaire for the first time

1. Spatial coverage



JWEE 2019

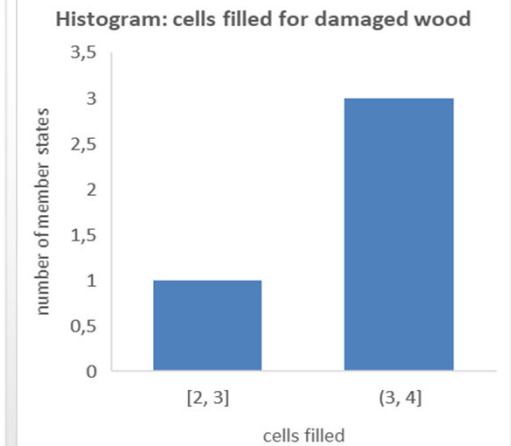
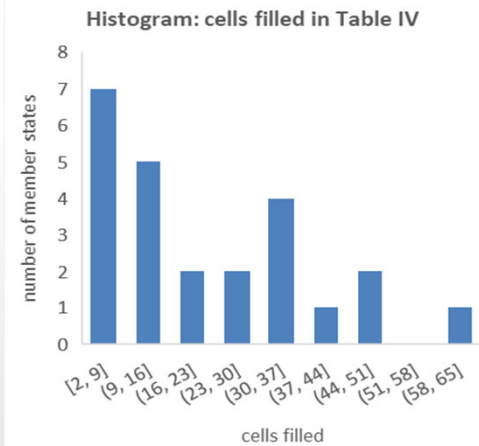
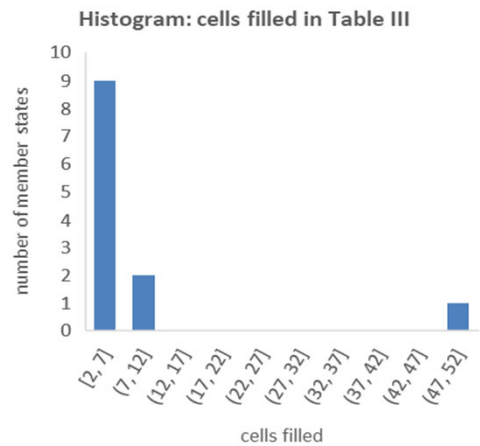
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Outline

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2. Replies and number of filled cells

	Table III		Table IV		Special: damaged wood	
	absolute	percent	absolute	percent	absolute	percent
reporting member states (out of 26 submissions)	12	46%	24	92%	4	15%
<i>Cells filled</i>						
Average	8.33	10%	21.46	7%	3.50	88%
Max	51	61%	61	21%	4	100%
Min	2	2%	2	1%	2	50%



2. Replies and number of filled cells

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Histogram: cells filled in Table III

cells filled	number of member states
[2, 7]	9
(7, 12]	2
(12, 17]	0
(17, 22]	0
(22, 27]	0
(27, 32]	0
(32, 37]	0
(37, 42]	0
(42, 47]	0
(47, 52]	1

Histogram: cells filled in Table IV

cells filled	number of member states
[2, 9]	7
(9, 16]	5
(16, 23]	2
(23, 30]	2
(30, 37]	4
(37, 44]	1
(44, 51]	2
(51, 58]	0
(58, 65]	1

Histogram: cells filled for damaged wood

cells filled	number of member states
[2, 3]	1
(3, 4]	3

2. Replies and number of filled cells

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Figure	Table III	Table IV	Special: damaged wood
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Histogram: cells filled for damaged wood

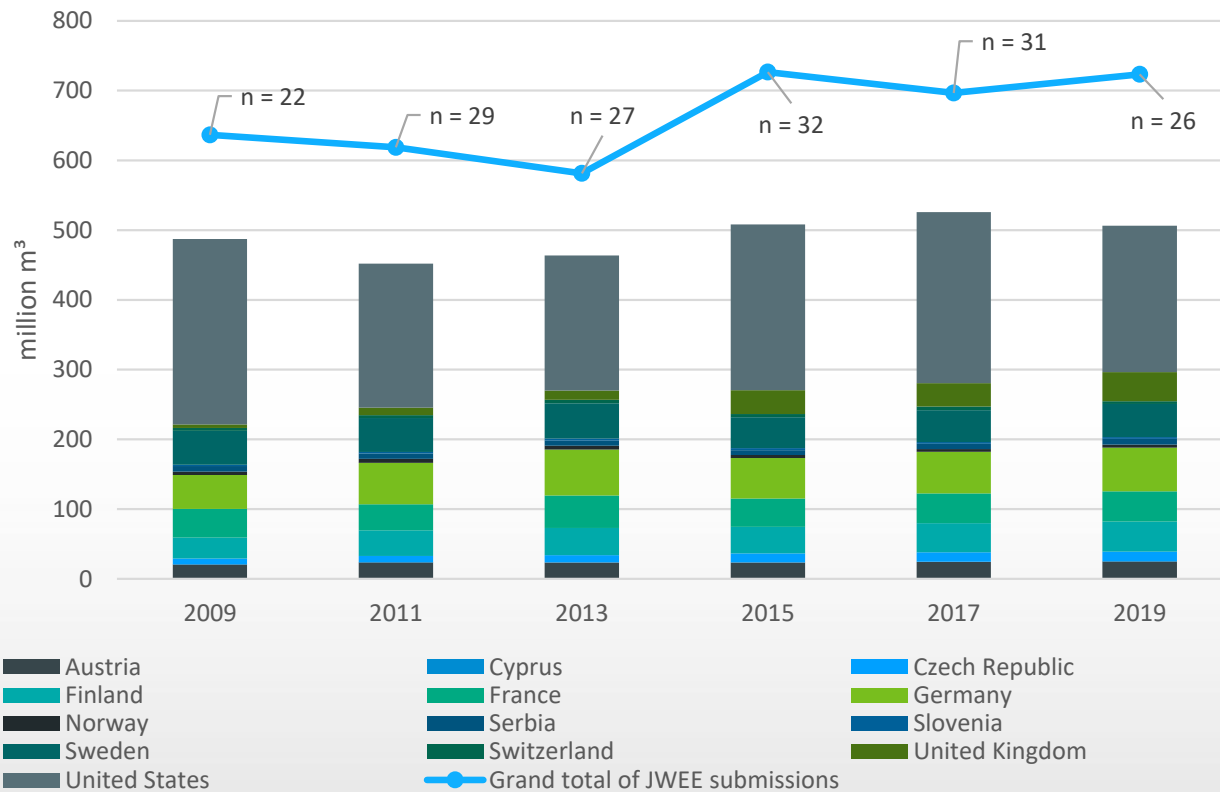
cells filled	number of member states
[2, 3]	1
[3, 4]	3

Outline

1. Spatial coverage
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3. Results

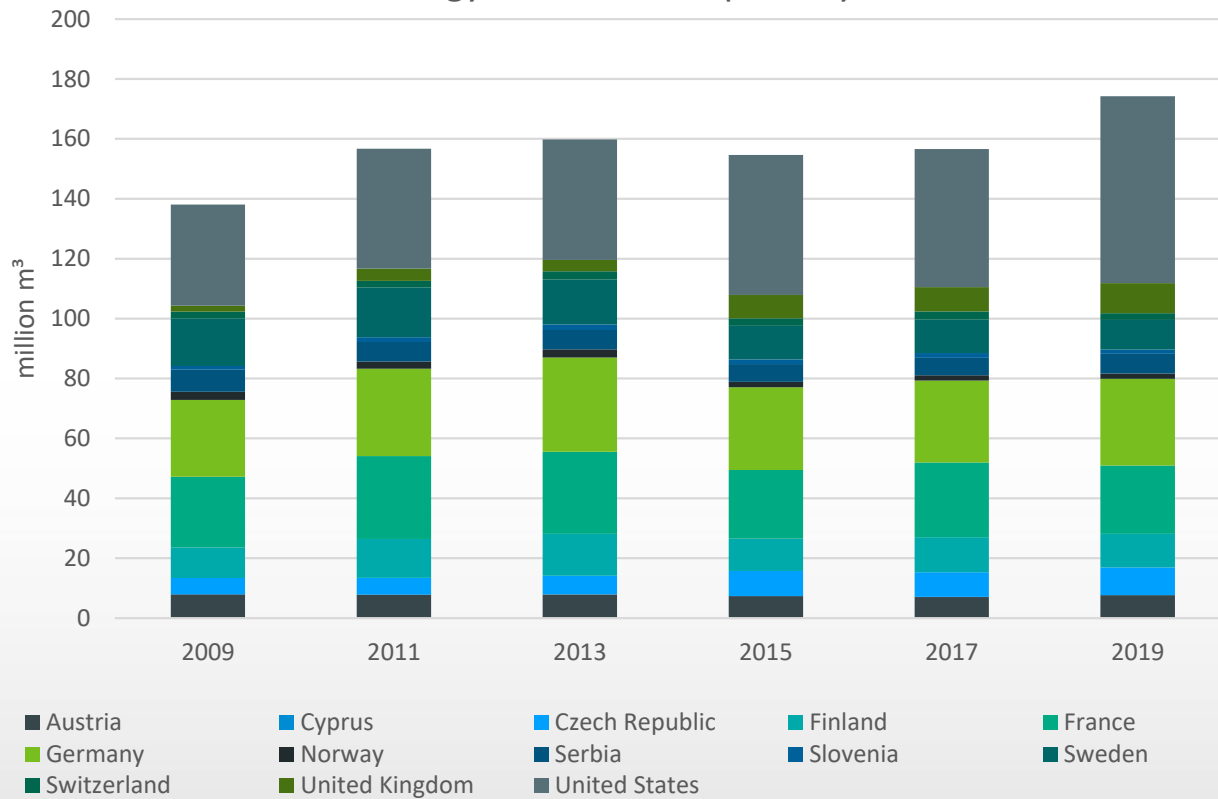
Total wood energy use



- **Total wood energy consumption in JWEE 2019:** 723 million m³
- **Longitudinal data**
 - 13 member states continuously reported data in the past 10 years
 - Total wood energy consumption of these member states amounted to 506 million m³ (70%)

3. Results

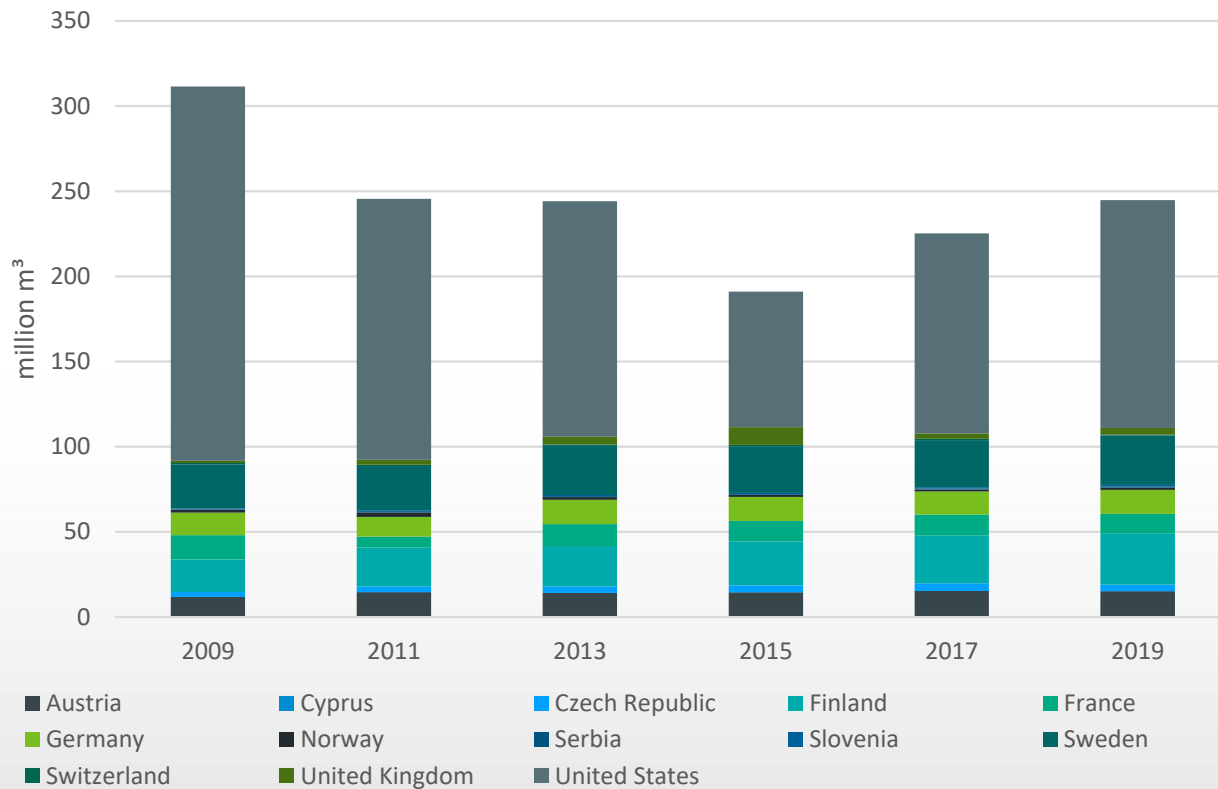
Wood energy sourced from primary sources



- **Increase in wood energy sourced from primary sources in 2019:**
174 million m³
- **Absolute change from 2017 to 2019:**
 1. USA: +16 M m³
 2. UK: +2 M m³
 3. Germany: +2 M m³
 4. Czechia: +1 M m³
 - ...
 12. Sweden: -1 M m³
 13. France: -2 M m³

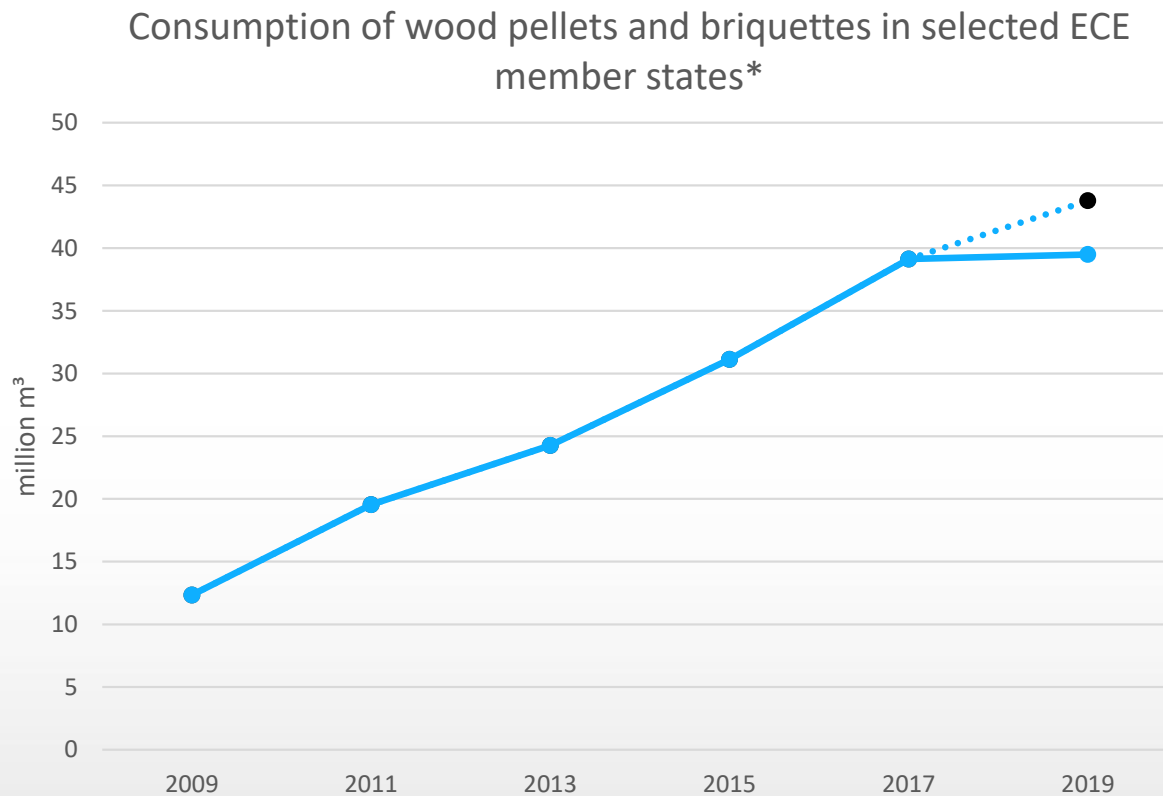
3. Results

Wood energy sourced from wood processing industry



- Increase in wood energy sourced from wood processing industry in 2019 compared to 2015 data: 244 million m³
- Absolute change from 2017 to 2019:
 1. USA: +16 M m³
 2. Finland: +2 M m³
 3. Sweden: + 1 M m³

3. Results

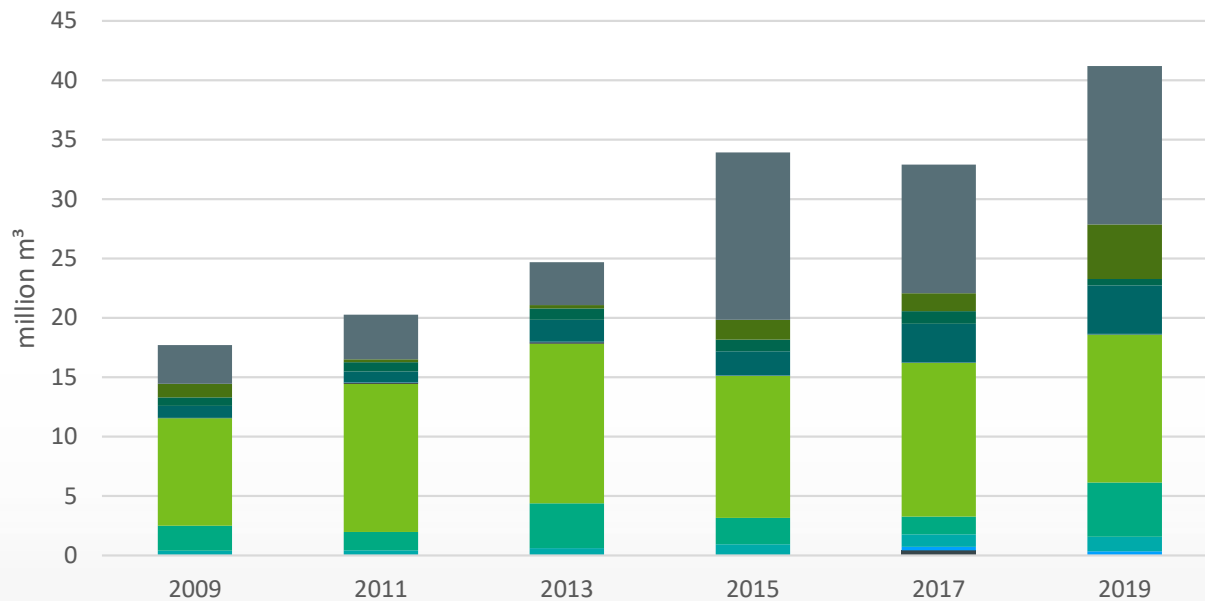


- **The consumption of wood pellets and briquettes continued to increase. Consumption in 2019: 39 million m³**
- Absolute change from 2017 to 2019:
 1. UK: +3 M m³
 2. Germany: +1 M m³
 - ...
 13. USA: (-4 M m³)

*ECE member states: Austria, Cyprus, Czech Republic, Finland, France, Germany, Norway, Serbia, Slovenia, Sweden, Switzerland, United Kingdom and United States

3. Results

Post-consumer recovered wood for energy generation

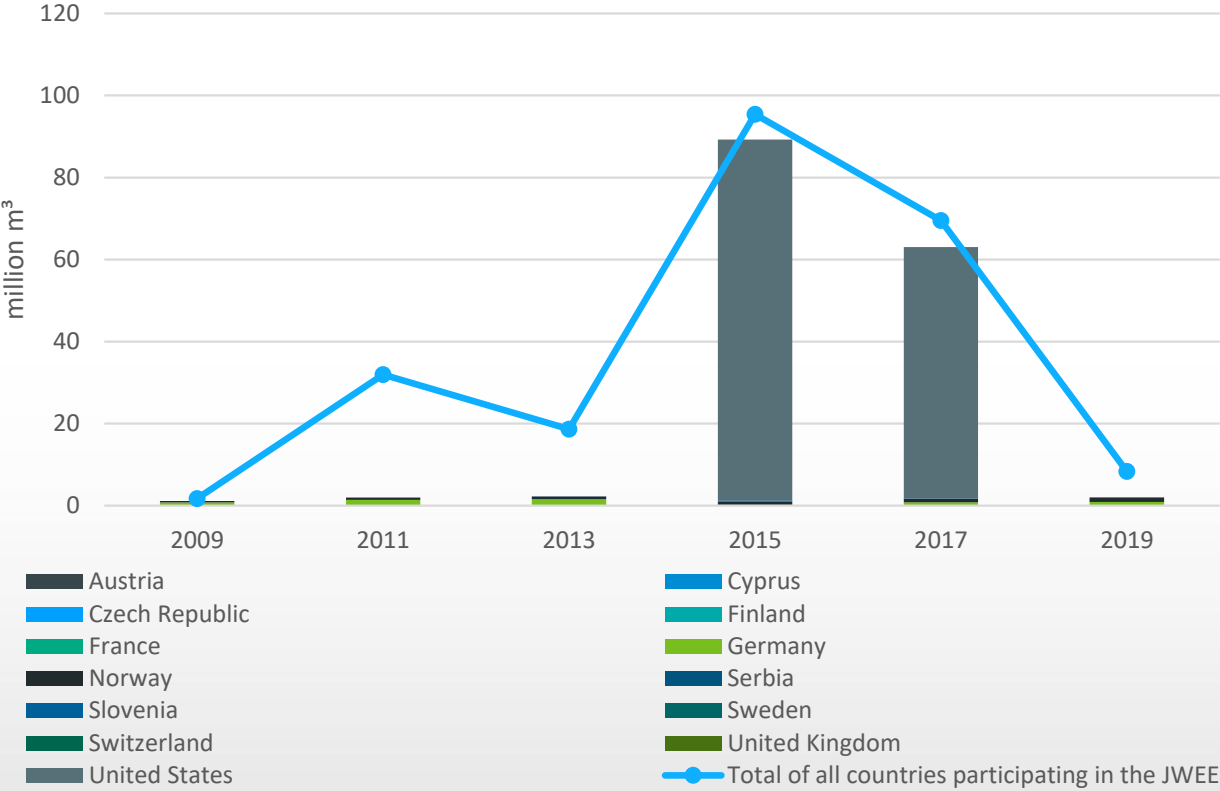


- **Highest consumption of post-consumer recovered wood in 2019:**
41 million m³
- **Absolute change from 2017 to 2019:**
 1. UK: +3 M m³
 2. France: +3 M m³
 3. USA: +2 M m³

...

3. Results

Wood energy from unknown sources



The amount of wood energy which is sourced from unknown sources decreased in 2019

4. Summary

Wood energy Consumption	JWEE 2019 (n = 26 member states)		selected ECE member states* (n = 13 member states)	
	absolute	percent	absolute	percent
Total	723 M m ³		506 M m ³	
<i>wood sources</i>				
primary sources	334 M m ³	46%	174 M m ³	34%
secondary sources	335 M m ³	46%	289 M m ³	57%
tertiary sources	44 M m ³	6%	41 M m ³	8%
unknown sources	8 M m ³	1%	2 M m ³	<1%

*ECE member states: Austria, Cyprus, Czech Republic, Finland, France, Germany, Norway, Serbia, Slovenia, Sweden, Switzerland, United Kingdom and United States

Thank you for your attention!

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