

Forest Research Institute

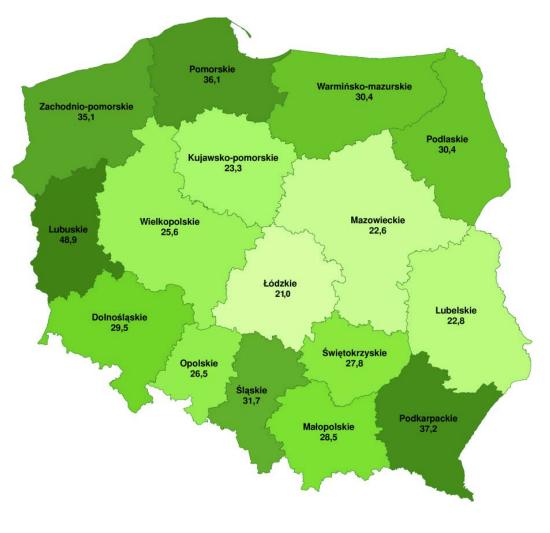
www.ibles.pl

Brief information on the functioning of wood market in Poland

Krzysztof Jodłowski Department of Forest Management Forest Research Institute

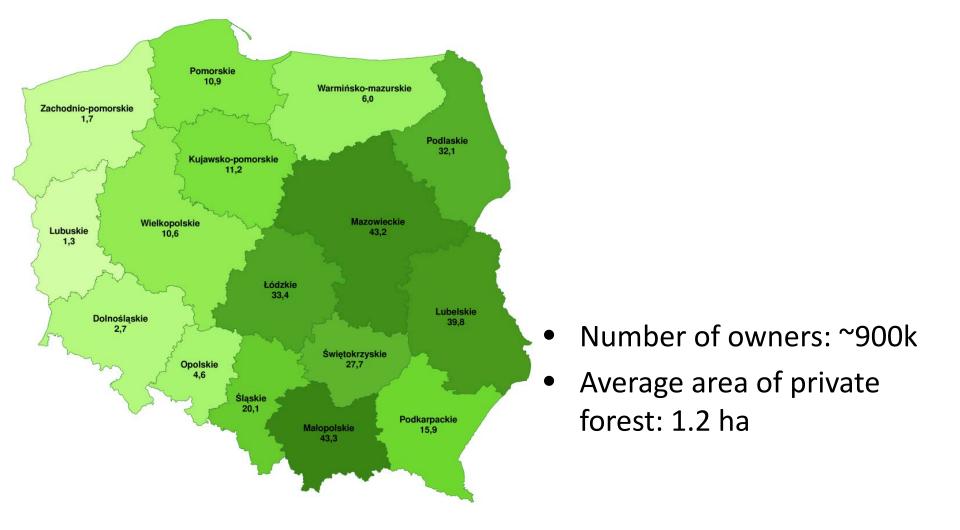
Helsinki, 15th of September 2017





- 9.2 M ha
 - State Forests 77.0%
 - Private forests 19.2%
 - National parks 2%
 - Others 1.8%
- Coniferius 68.7 %
- Growing stock (NFI, 2015)
 - State Forests 275 m³/ha)
 - Private forest 232 m³/ha





Annual harvest (2015)





Total – 40.2 M m³

- 38.4 M m³ State Forests (95.5%)
- 1.4 M m³ private forests (3.5%)

Species composition (2015)





Scots pine (*Pinus sylvestris*) accounts for 58.1%
by area in all categories of forest ownership,
60.3% in the State Forests and
55.4% in private forests.

Who performs harvest?





- State Forests forestry contractors (over 95% of annual harvest)
- Private forests the owners (mainly)

Harvesting methods (estimation)

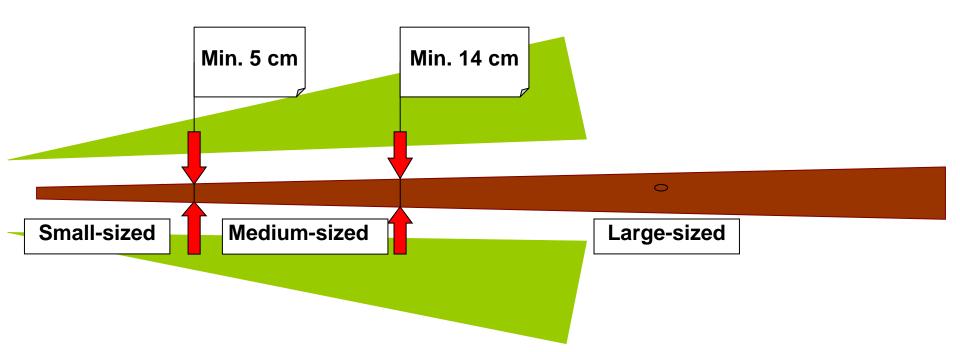




- Long-wood system 60%
- CTL 30%
- Tree length 10%

All wood from State Forests is sold on the roadside.





Timber harvesting - volumes



Year	State Forests		Nationa	al parks	Privately-owned forests ^{a)}		
	'000 m³	m³/ha	'000 m³	m³/ha ʰ)	'000 m³	m³/ha	
1980	19 184	2.85	78	1.39	1 293	0.83	
1985	21 435	3.16	164	2.75	1 173	0.79	
1990	15 906	2.34	103	1.23	1 345	0.91	
1995	18 774	2.73	200	1.71	1 470	0.98	
2000	24 097	3.47	231	1.77	1 432	0.94	
2001	23 471	3.37	172	1.31	1 153	0.75	
2002	25 595	3.66	192	1.47	1 1 1 1	0.72	
2003	27 134	3.87	209	1.61	1 157	0.74	
2004	28 699	4.08	196	1.49	1 268	0.81	
2005	28 164	4.00	198	1.72	1 124	0.71	
2006	28 700	4.07	200	1.41	1 099	0.68	
2007	32 313	4.58	234	1.60	1 349	0.84	
2008	30 695	4.35	216	1.53	1 248	0.82	
2009	31 188	4.40	192	1.48	1 090	0.66	
2010	31 882	4.51	201	1.43	1 244	0.74	
2011	32 789	4.63	180	1.30	1 633	0.97	
2012	33 212	4.76	176	1.28	1 349	0.78	

Timber harvesting in forests of different forms of ownership, 1980–2012 ^{a)} estimated data prior to 1997 ^{b)} in relation to forest area under partial protection (Source: *Forests in Poland 2013*)



- 1. Internet auctions:
 - a) Wood Portal (limited auctions) arranged twice a year
 - b) Systemic auction in "e-drewno" application (open auction) – arranged twice a year
 - c) Standard "e-drewno"
- 2. Special auctions and submissions (for

valuable timber – e.g. veneer logs)

- 3. Direct negotiations
- 4. The retail sales



	2014	2015	2016
Total wood harvest	37.8	38.4	39.1
€/m ³	44	45	44



	Harvest			Price €/m3		
	2014	2015	2016	2014	2015	2016
Total wood harvest (top diameter ≥14 cm)	27,0	27,7	28,7	47	47	46
Saw wood (WA0+WB0+WC0+WD)	12,0	12,3	12,7	60	60	59
Pulpwood (S2A+S2B) pine, larch	10,9	11,3	11,9	39	38	38
Pulpwood (S2A+S2B) spruce, fir, Duglas, others	1,9	2,0	2,2	38	37	35



		Harvest	Price €/m3			
	2014	2015	2016	2014	2015	2016
Total wood harvest (top diameter≥14 cm)	8,7	8,8	8,7	43	44	45
Saw wood (WA0+WB0+WC0+WD)	2,5	2,4	2,4	63	69	74
Veneer (WA1)	0,005	0,006	0,005	399	439	520
Pulpwood (S2A+S2B)	4,4	4,5	4,4	35	34	34



	Harvest			Price €/m3		
	2014	2015	2016	2014	2015	2016
Fuelwood (S4) coniferous	1,5	1,5	1,5	24	24	23
Fuelwood (S4) broadleaved	1,7	1,8	1,7	30	30	30
Small-sized fuel wood (M2)	1,6	1,5	1,4	8	8	7
	4,8	4,8	4,6			

Small-sized wood (M1) 0,4 0,4 0,4 28 28 27

References



- Forests in Poland 2013. State Forests
- Forests in Poland 2016. State Forests
- Forestry 2016. Central Statistical Office
- LPIO-9 2014-5 (State Forests Reports for Central Statistical Office)
- National Policy on Forests. *Ministry of Environmental Protection, Natural Resources and Forestry,* approved by the Council of Ministers in 1997





Thank you!

k.jodlowski@ibles.waw.pl