

# Survey of management of private owned coppice forests in Latvia

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# Aim – to understand what private forest owner are going to do...

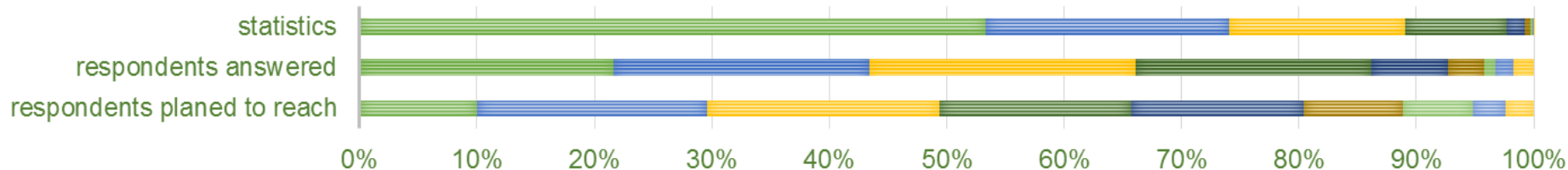
Coppice related questions added to survey done as one of activities of project «**Monitoring of private forest management and forest ownership consolidation and cooperation process**»

Our team wanted to clarify:

- ✓ willignes and practice of private forest owners to use coppice as forest regeneration method;
- ✓ property size relation with coppice forest management use;
- ✓ species more often used for that kind of management;
- ✓ atractivness of short rotation coppice (SRC).

In overall, 1,124 of 111,836 forest owners are surveyed. Most of them are representing small forest estates of up to 50 ha (84%), which is similar to the forest ownership in the country - 97% are holdings with total area up to 50 ha).

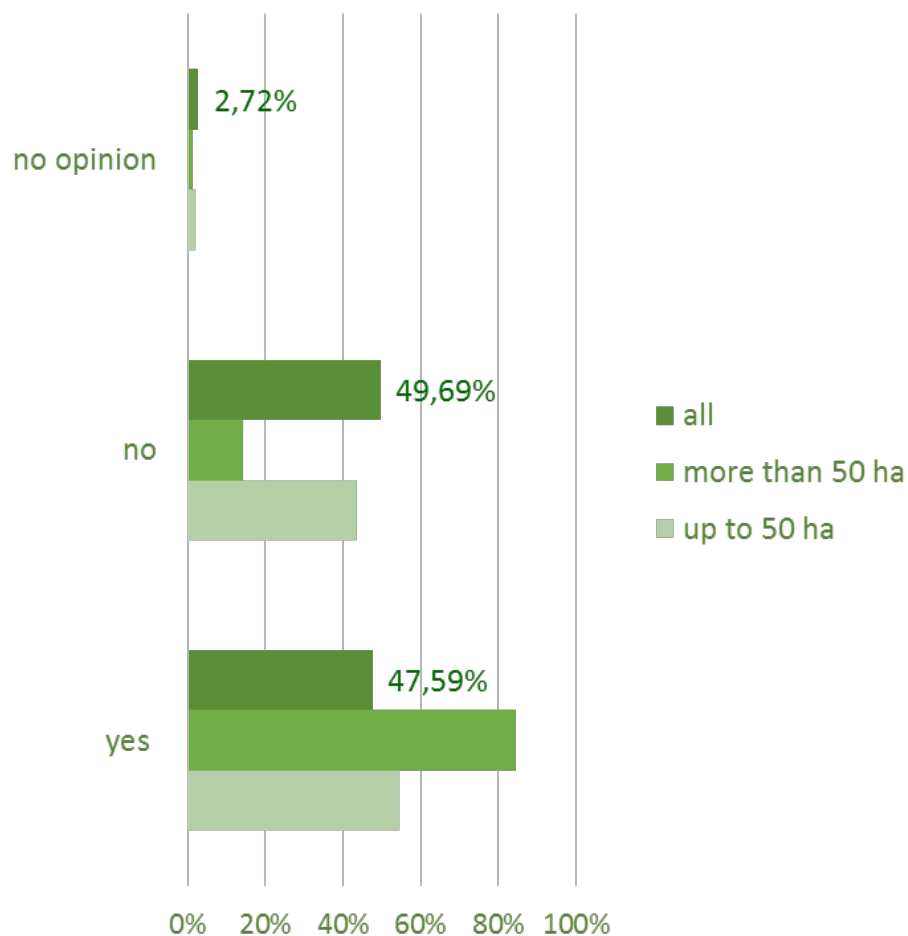
## FOREST OWNERS AND SIZE OF PROPERTY



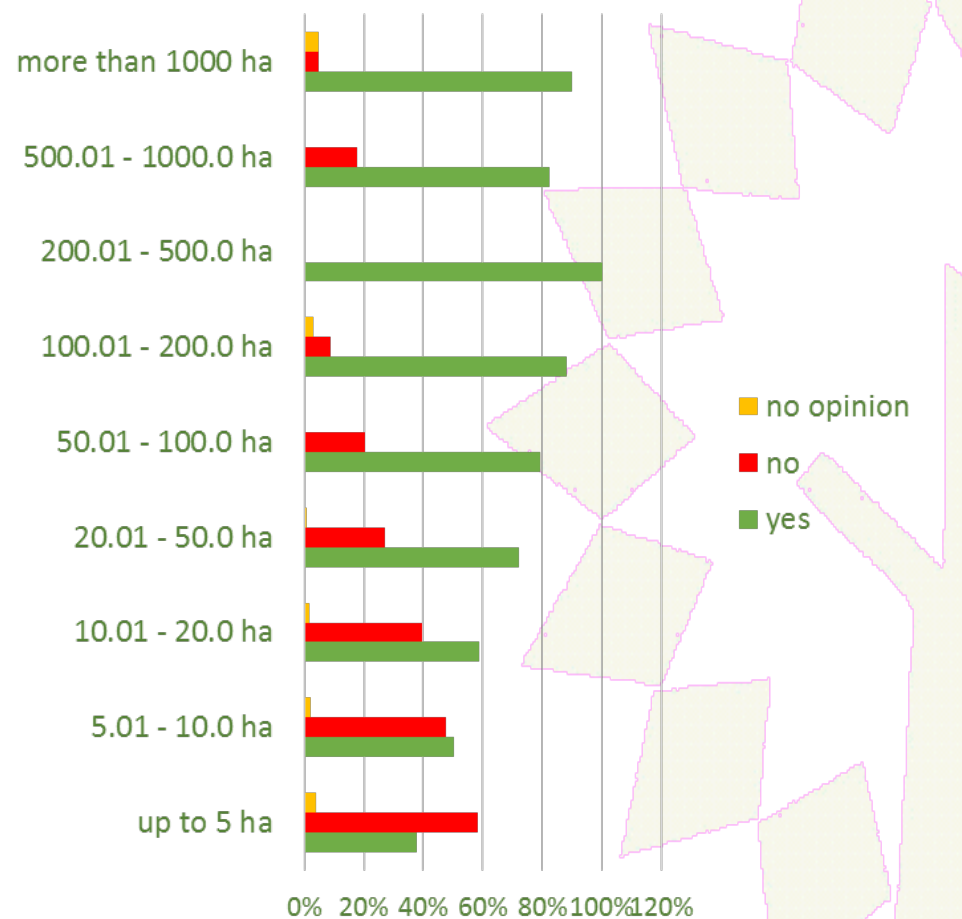
	respondents planned to reach	respondents answered	statistics
■ up to 5 ha	119	243	59581
■ 5.01 - 10.0 ha	232	245	23222
■ 10.01 - 20.0 ha	234	255	16737
■ 20.01 - 50.0 ha	193	226	9674
■ 50.01 - 100.0 ha	174	73	1744
■ 100.01 - 200.0 ha	100	34	502
■ 200.01 - 500.0 ha	71	11	237
■ 500.01 - 1000.0 ha	32	17	81
■ more than 1000 ha	29	20	58

# Forest management activities 1

Have you made reforestation (forest regeneration) in the last 5 years ?

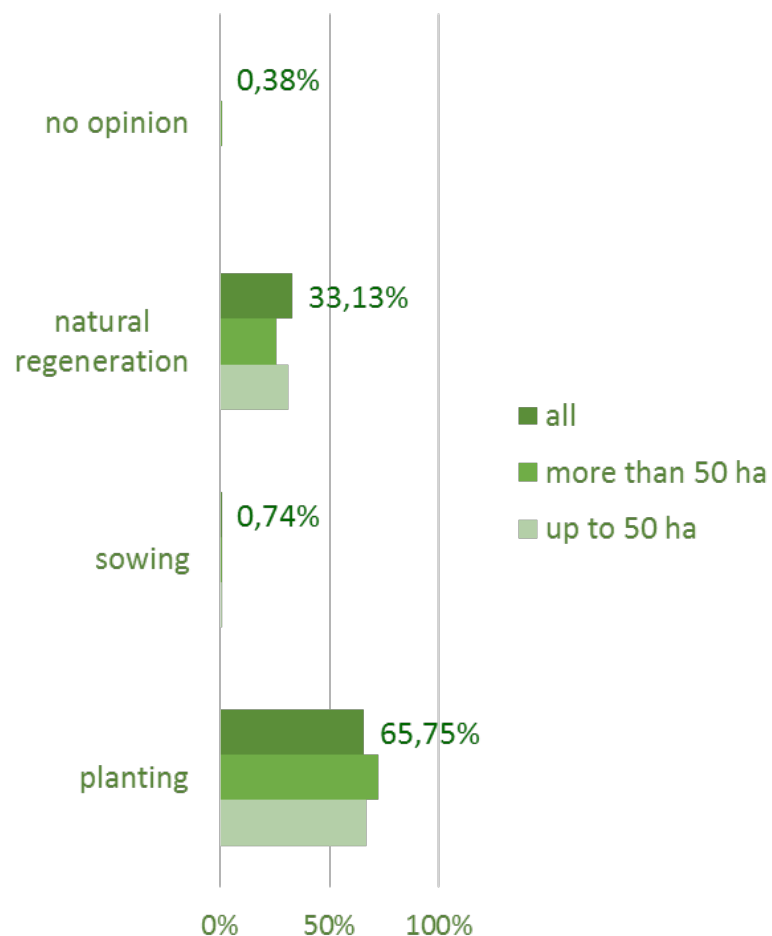


Have you made reforestation (forest regeneration) in the last 5 years ?



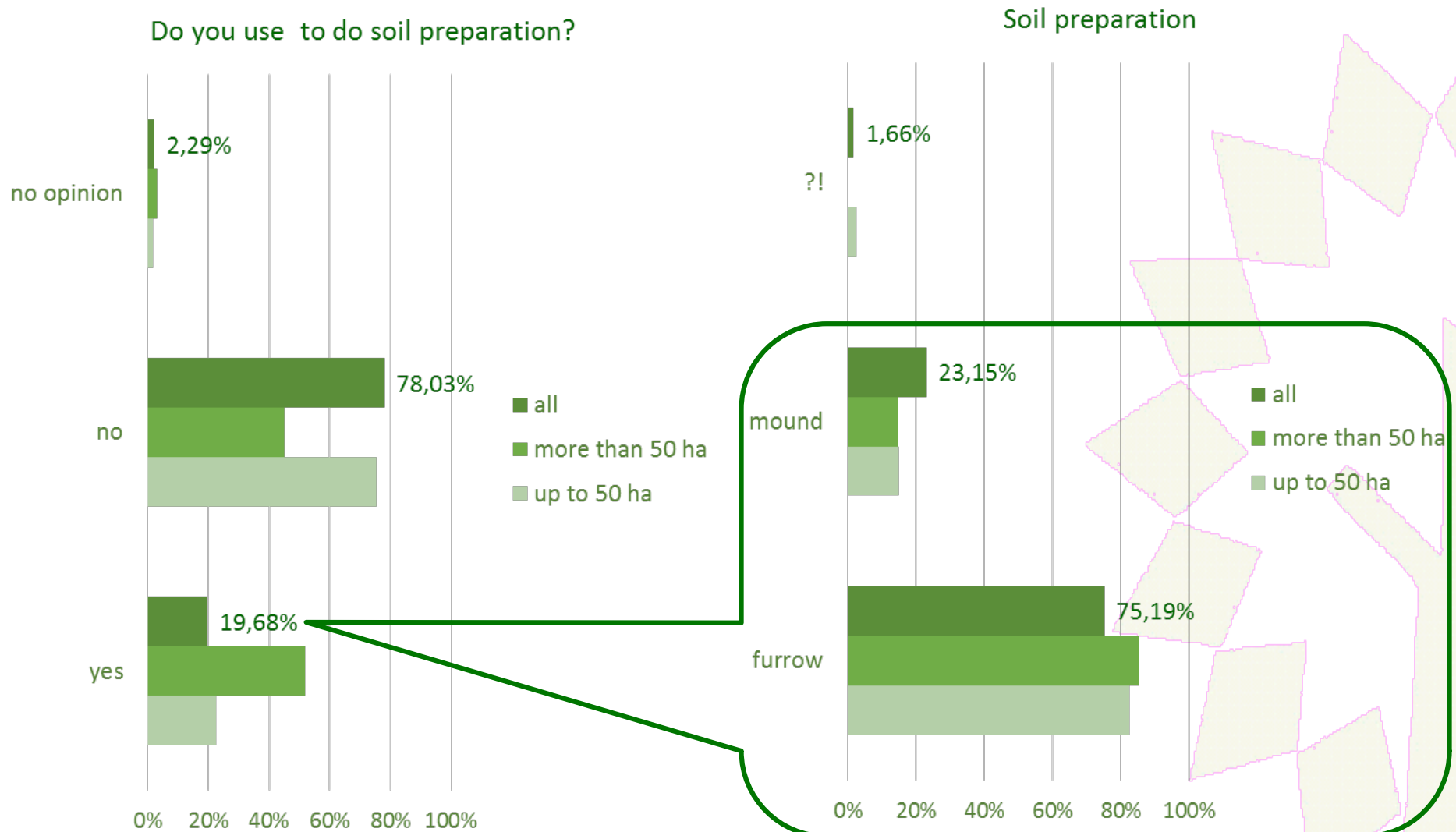
# Forest management activities 2

Method used for reforestation (forest regeneration) in the last 5 years ?



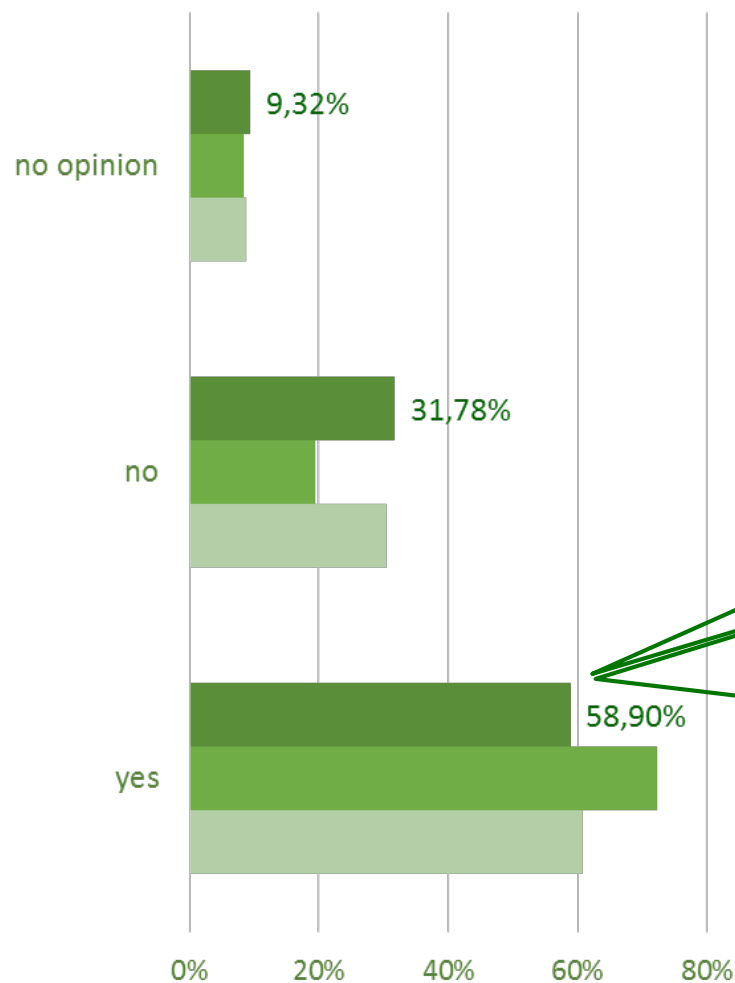
Method used for reforestation (forest regeneration) in the last 5 years ?



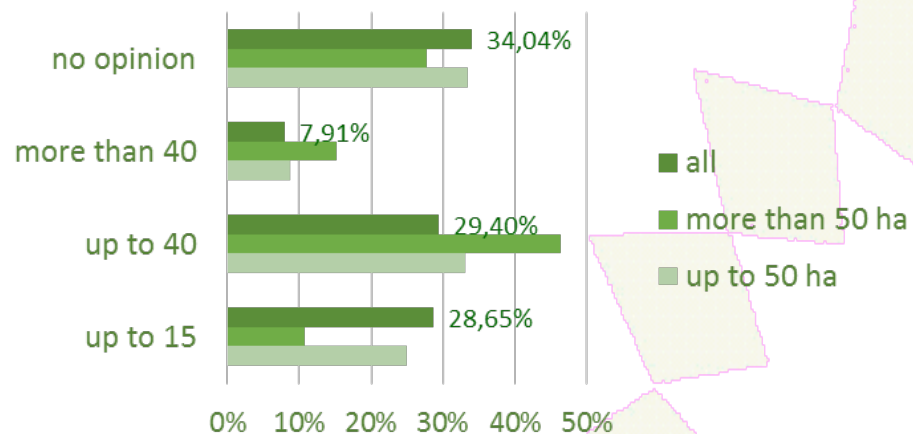


# Coppice forestry 1

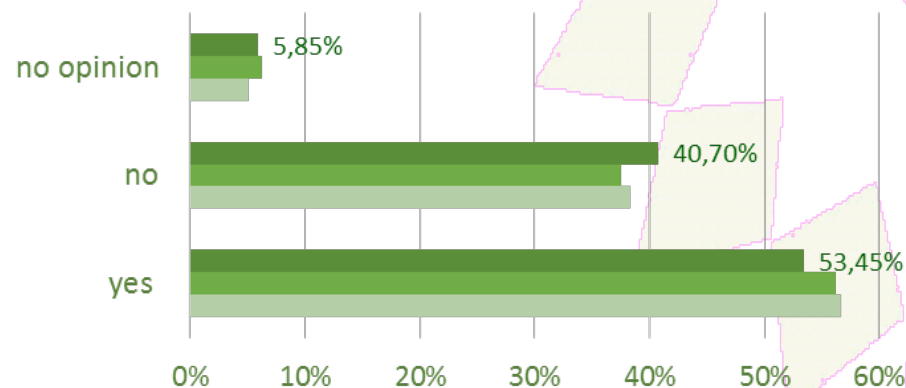
Do you practice coppice forestry?



Rotation period for grey alders and aspens ?

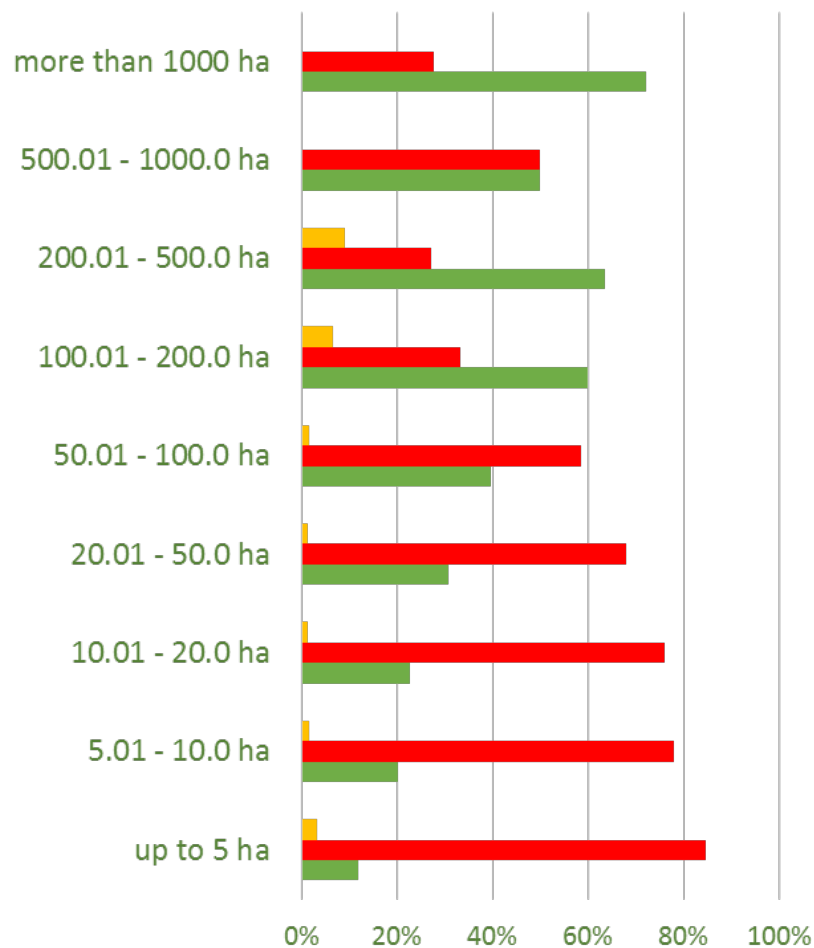


Do you use to plant conifers additionally to deciduos coppice?

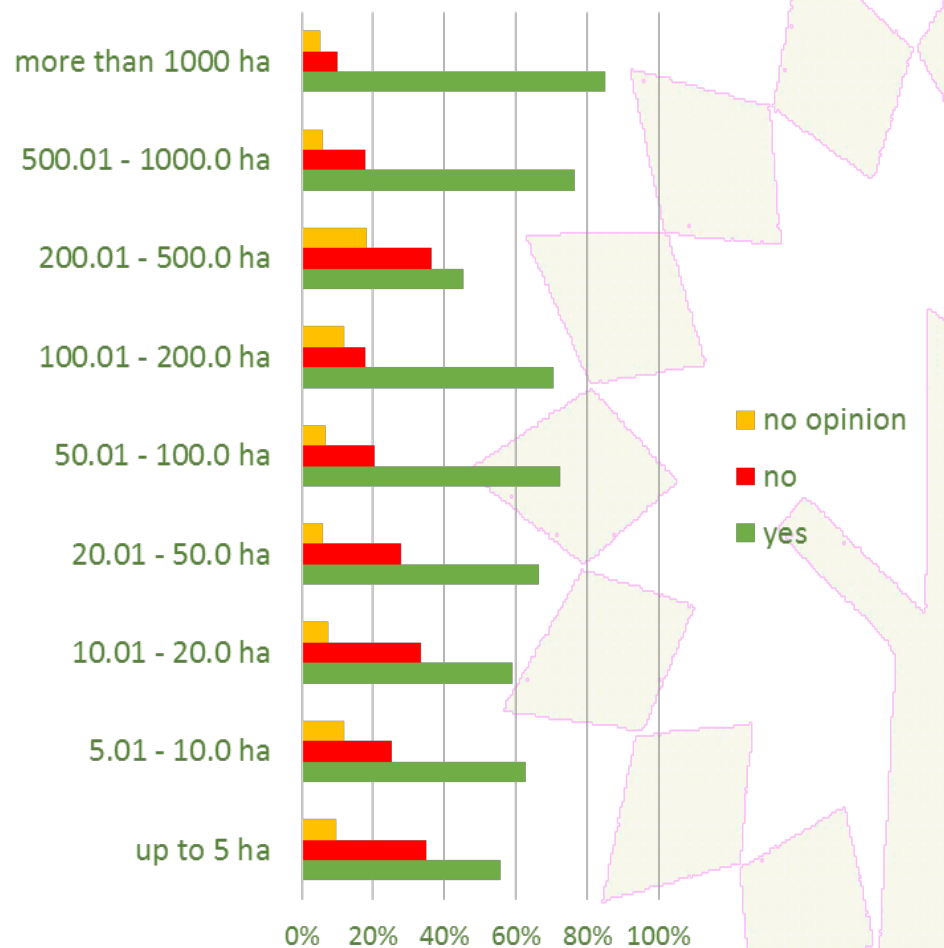




Do you use to do soil preparation?



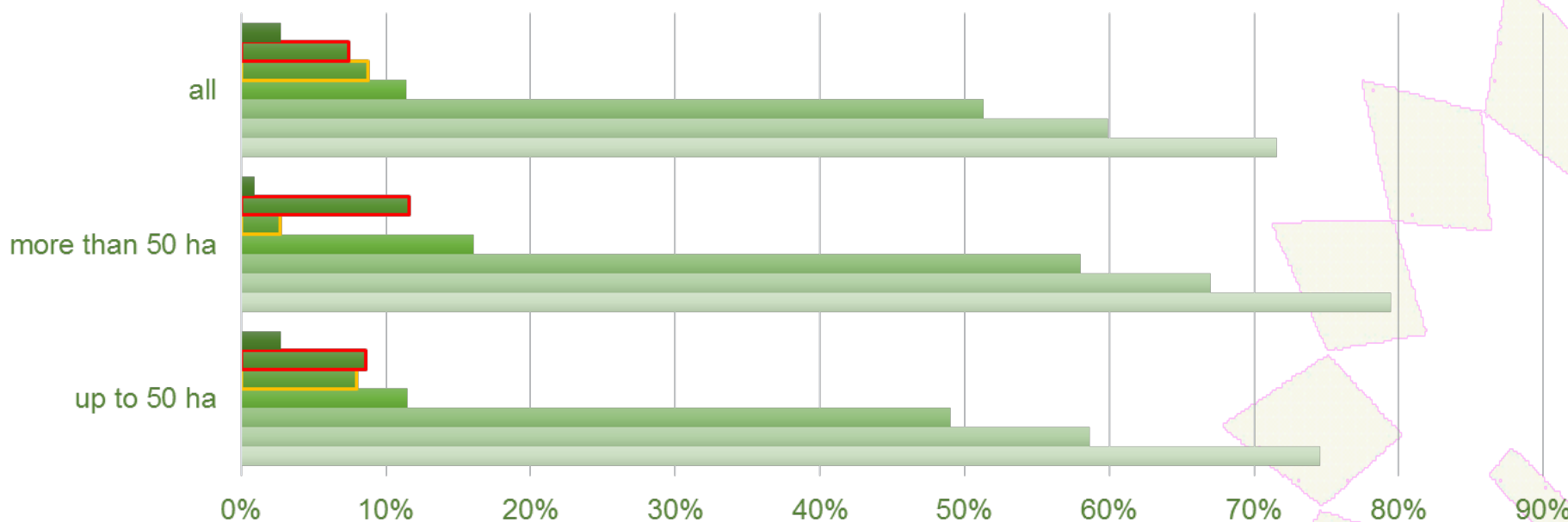
Do you practice coppice forestry?





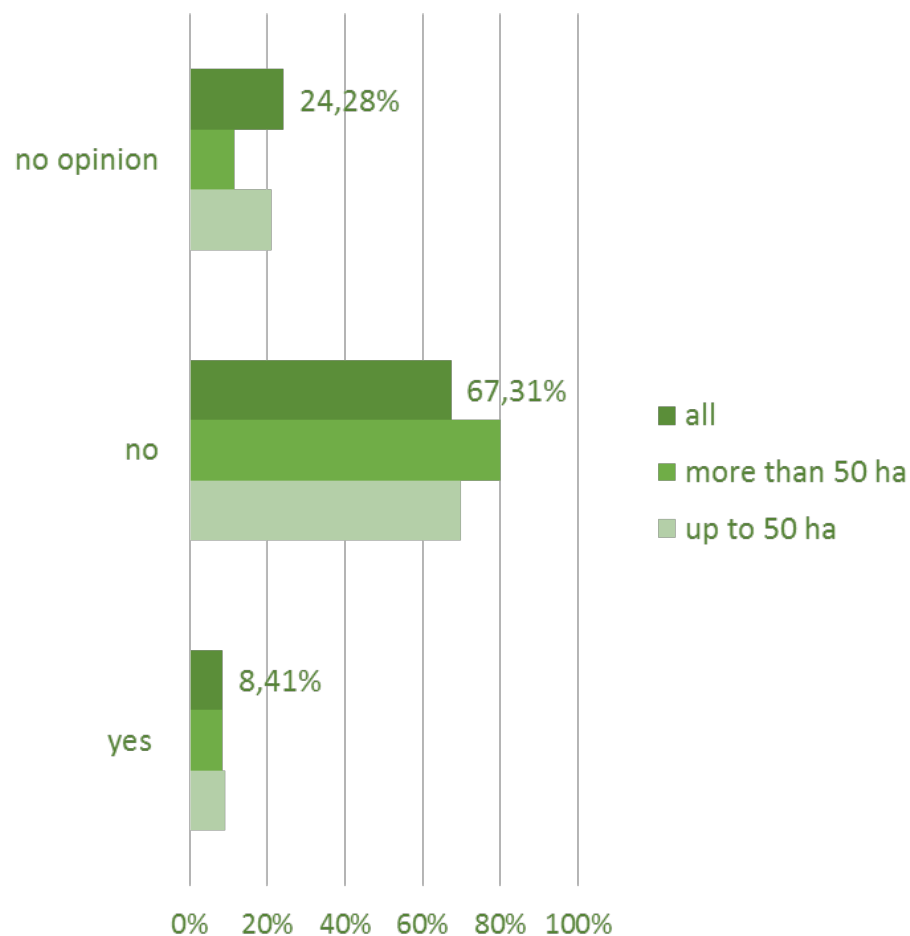
# Species in coppice forests

## Main species growing in coppice forests ?

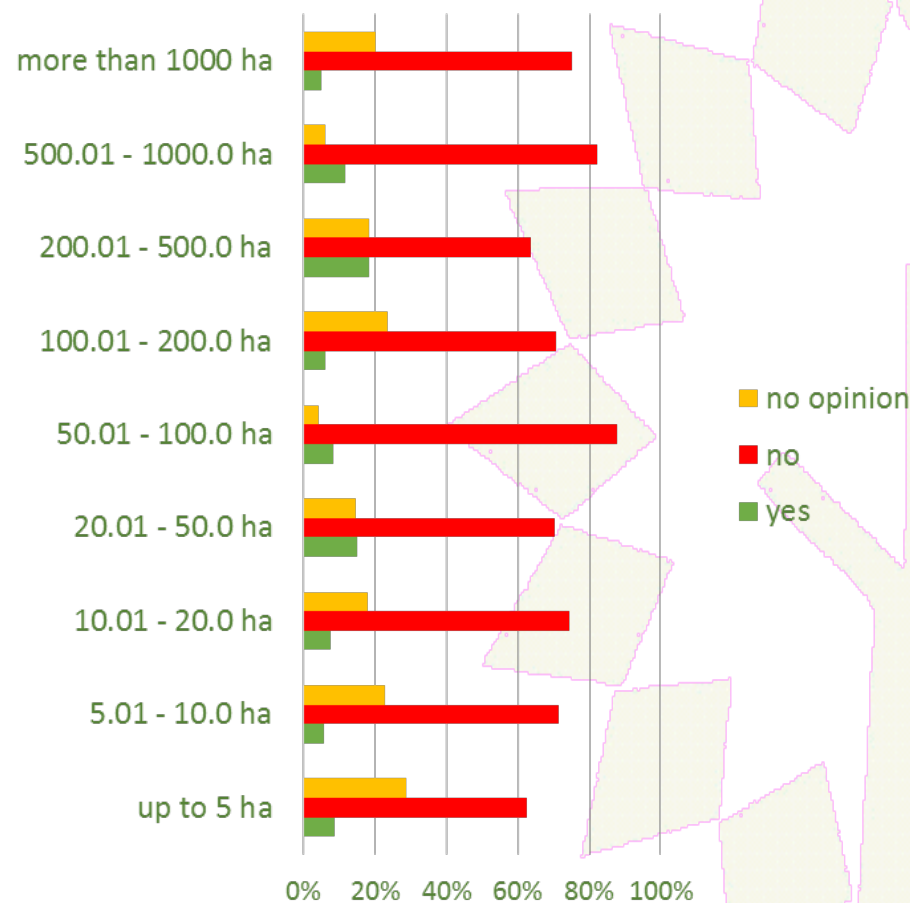


	up to 50 ha	more than 50 ha	all
■ no opinion	2,71%	0,89%	2,72%
■ other	8,64%	11,61%	7,44%
■ Salix sp. (trees)	7,97%	2,68%	8,73%
■ Alnus glutinosa	11,53%	16,07%	11,43%
■ Alnus incana	48,98%	58,04%	51,30%
■ Populus sp.	58,64%	66,96%	59,93%
■ Betula sp.	74,58%	79,46%	71,54%

Do you considering oportunity to establish SRC on agriculture land?



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# Summary ~ conclusions

- ✓ Almost half of the owners (58%) deal with coppice forestry, which is more popular in a group of forest owners having more than 50 ha of forest, 70% of them managing some of their properties as coppice forest.
- ✓ Tree species represented in coppice forests are birch (71%), aspen (60%), grey alder (51%), black alder (12 %), willows (9 %), other species (7%) and 3% with no answered. Willows and grey alder are more often mentioned by small size forest properties owner's group.
- ✓ Half of the owners additionally to deciduous trees coppice are planting some coniferous species.
- ✓ The most common rotation period of coppice forest is 40 years – 30% of responses (age of final felling for aspen is 40 years); 29% of respondents preferring to harvest before stand reaches 15 years age, which is legal for grey alder stands and plantation forests; only 8 % of respondents answered that longer than 40 years rotation is used.
- ✓ Only 9% of respondents are considering the possibility to establish short rotation coppice (SRC); 24 % are not decided.