

Planning tools for sustainable forest management ensure biological diversity and integration of social interests



Territory

management:

- Eko-forests
- Capercaillie nesting areas



Stand management objectives:

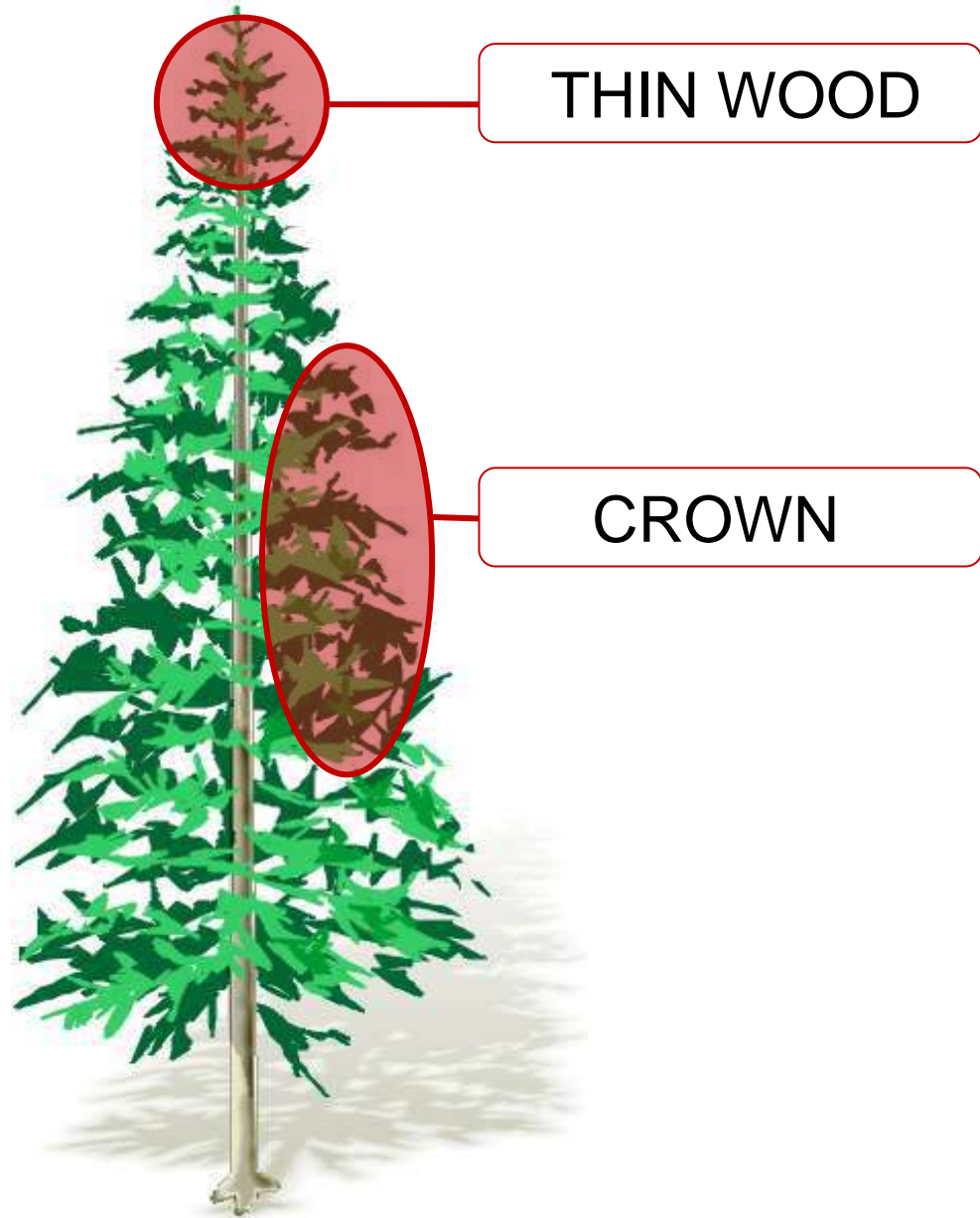
- Nature protection
- Wood production



Environmental considerations **on-site**

- Protection of forest **elements**
- Seasonality restrictions





SOURCES OF BIOENERGY IN THE FUTURE

What
next?



POTENTIAL
BIOMASS FROM
YOUNG STANDS

~ **100 K**
loose m³

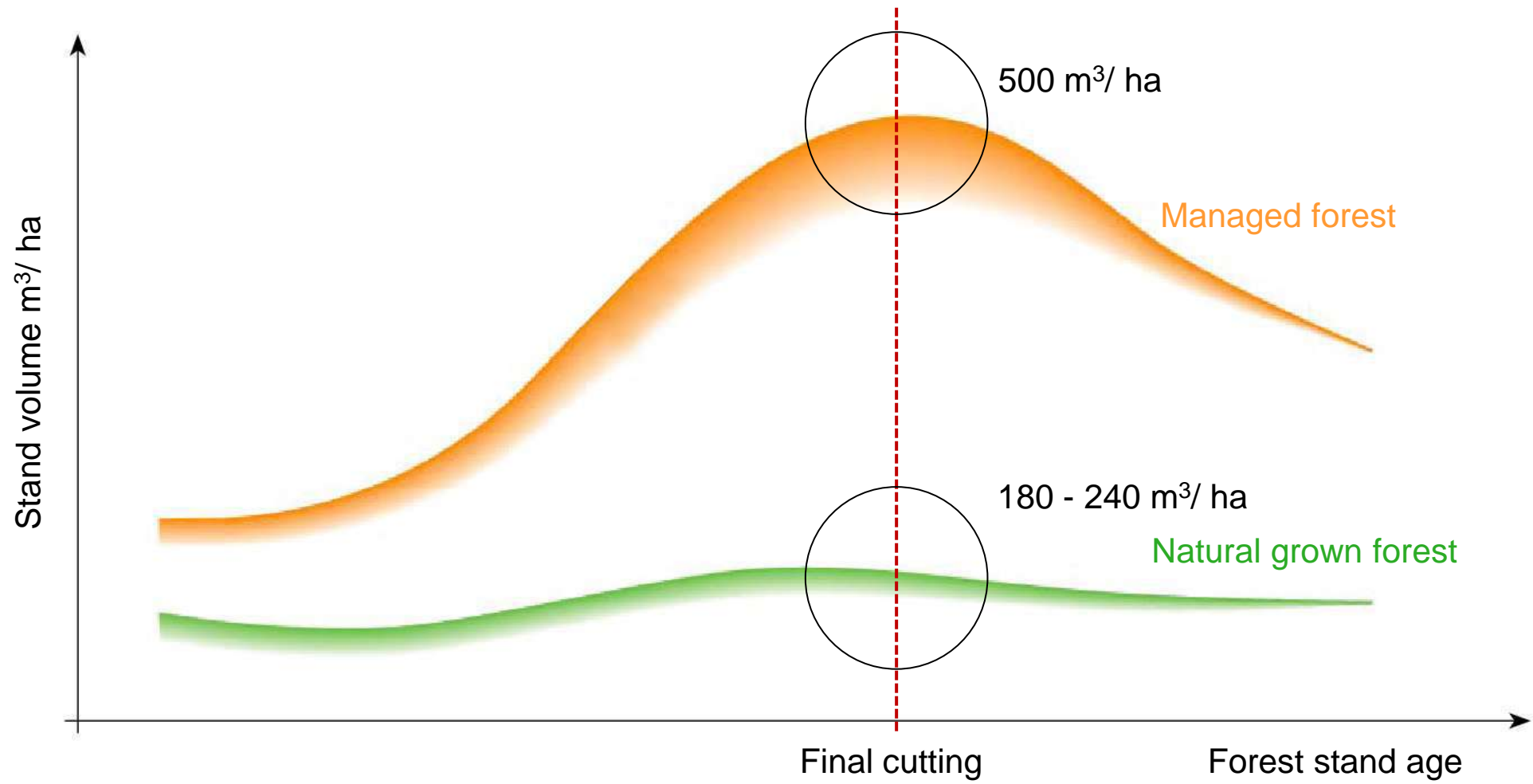
TEHNOLOGY TRANSFER

Biomass from young stands

BEFORE



AFTER



TEHNOLOGY TRANSFER

Gentle forest machines

BEFORE



TOMORROW

ASSORTMENT

Small dimensions



A possibility to further use this wood in product manufacturing would not exist. In most cases wood of such dimensions is left to rot in forest, only increasing the amount and emissions of already large part of dead wood.

**Sources of bioenergy in LVM's future –
commercial thinning,
tending of new stands and
residues from regenerative felling**

**Active management of young stands
generates biomass for bioenergy,
increases the growth of biomass
remaining in the forests, and accelerates
the amount of carbon dioxide absorption
in the growing forest**

**Existing legislative frameworks in Latvia
ensure sustainable forest management
to produce biomass for construction,
pulp and paper...
and bioenergy**

Sustainable **biomass** for
bioenergy through sustainable
forest **management**

