

State of the Forests in Baden-Württemberg

Country profile: Baden-Württemberg

- Area: 36.000 km²
- Population: 10.8 Mio
- Pop. density: 300 / km²



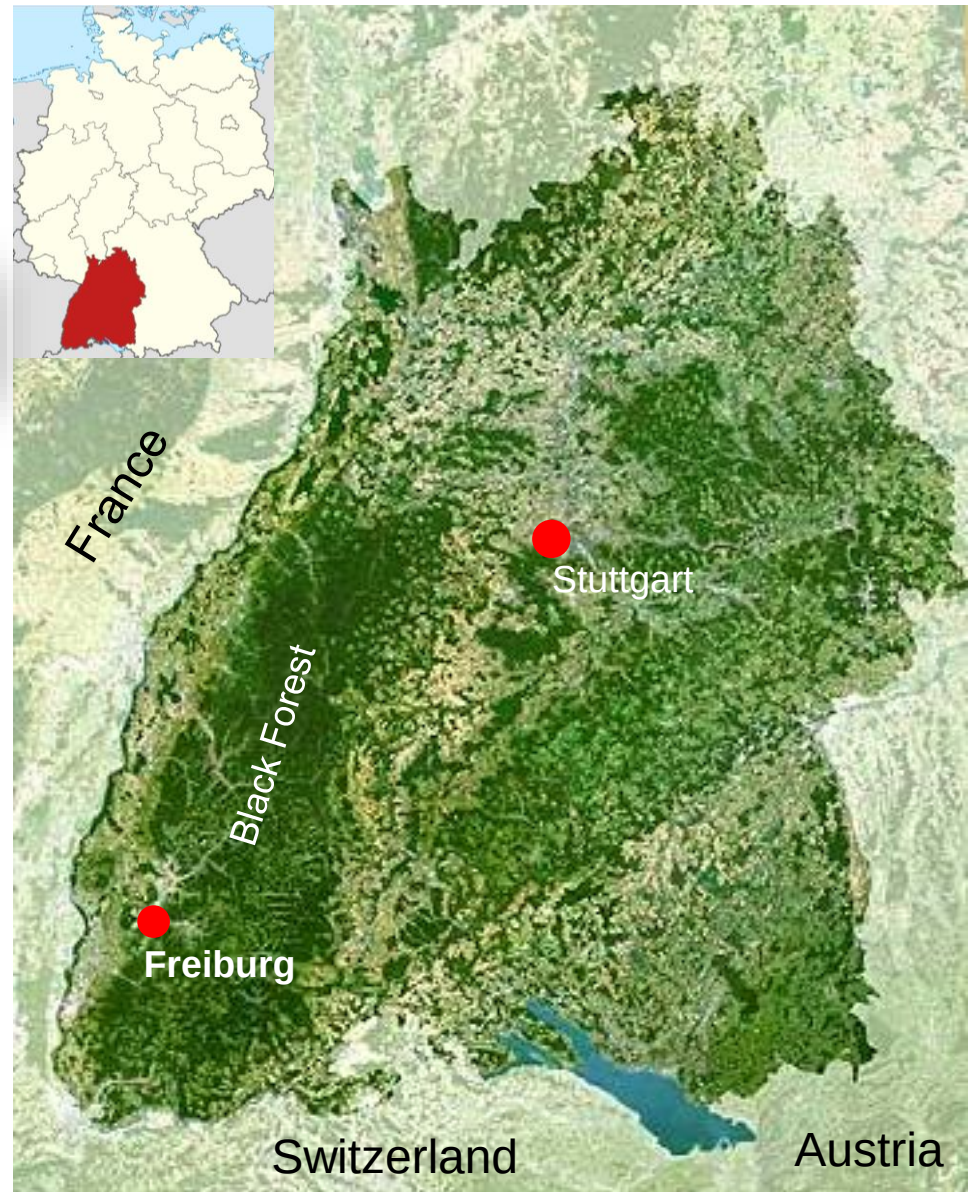
Oblast Lwiw:

- Area: 22.000 km²
- Population: 2.5 Mio
- Pop. density: 120 / km²

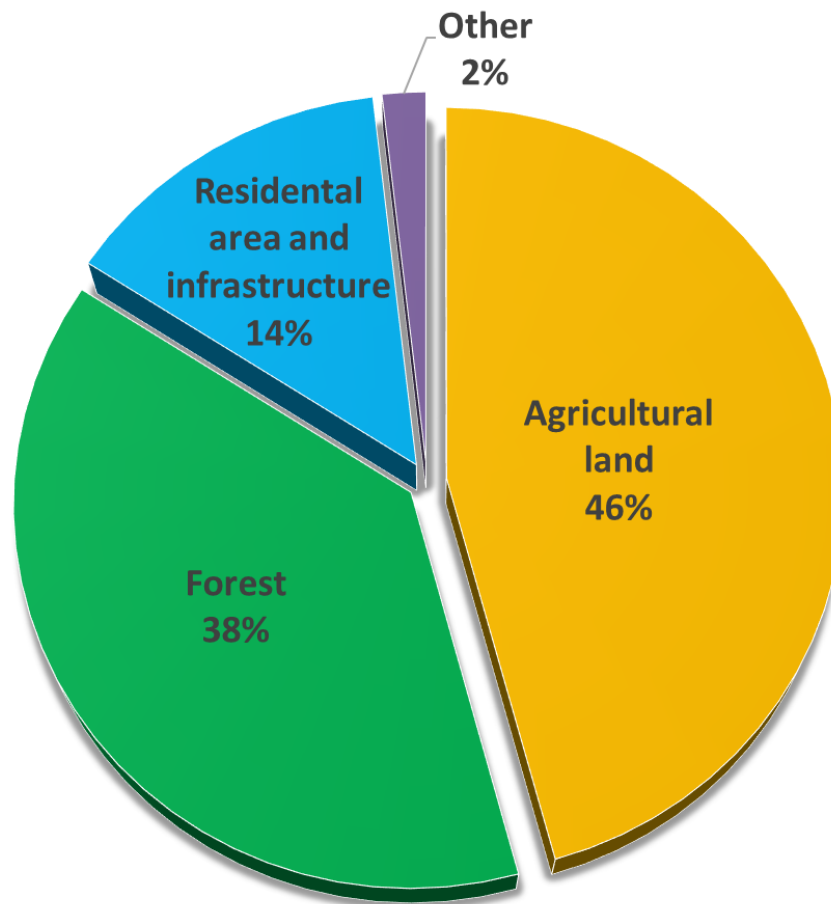


Oblast Leningrad:

- Area: 84.000 km²
- Population: 6.6 Mio
- Pop. density: 80 / km²

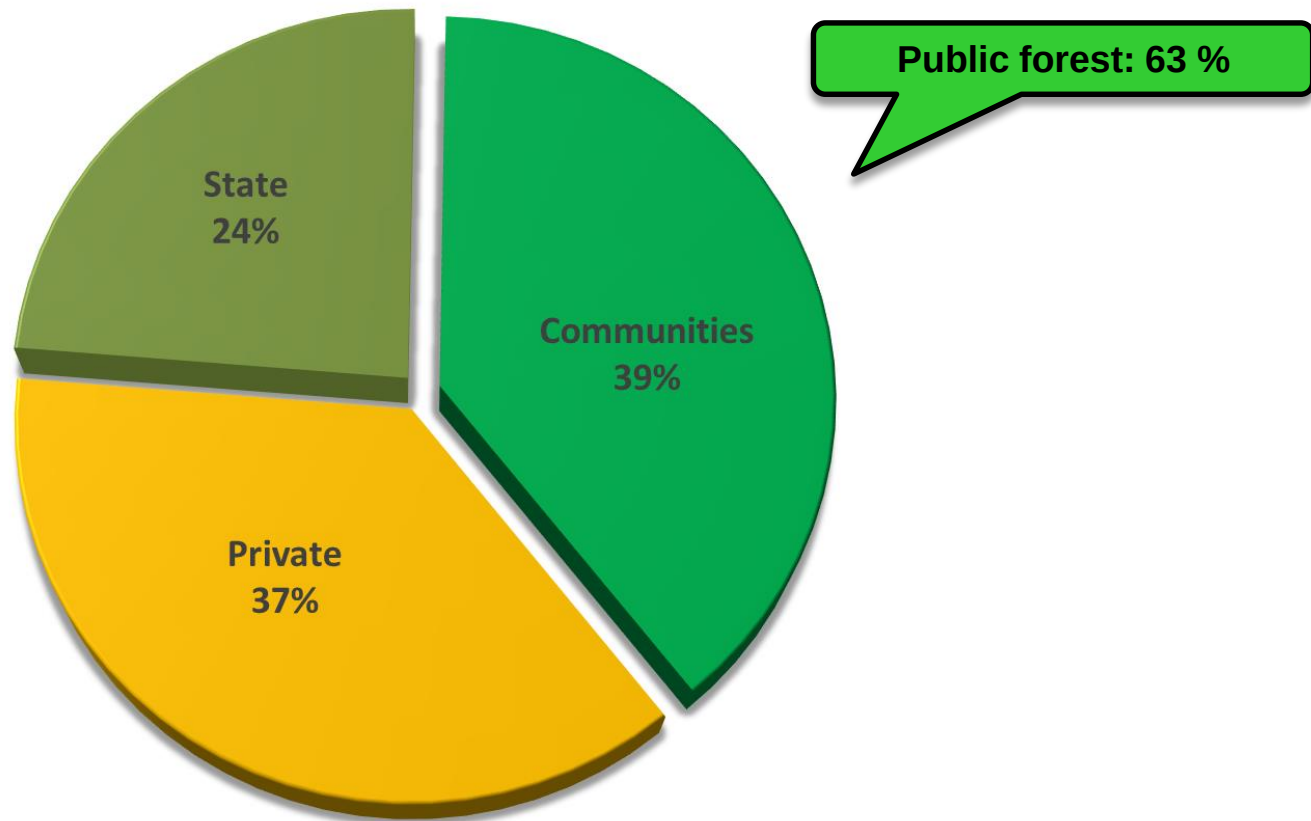


Land use in Baden-Württemberg



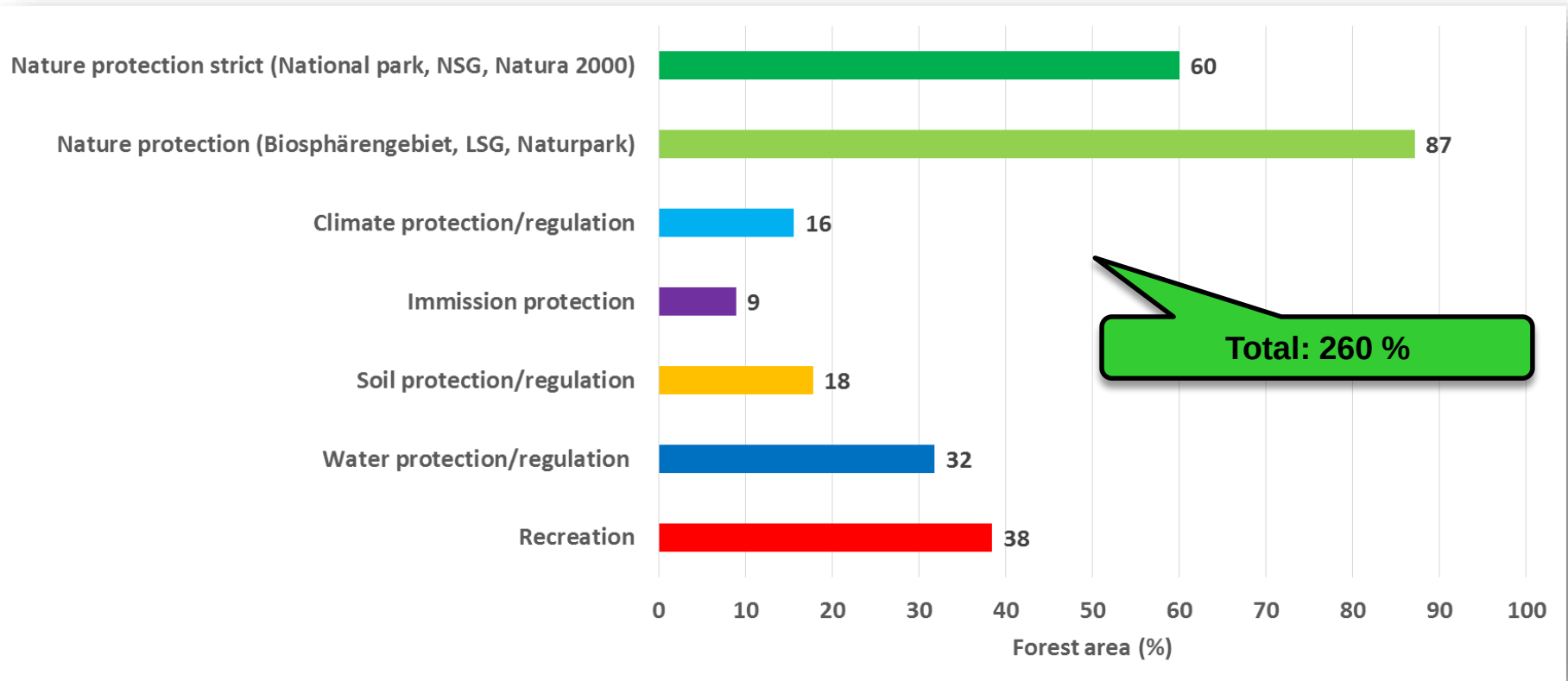
(Stat. Landesamt BW 2014)

Forest ownership in Baden-Württemberg



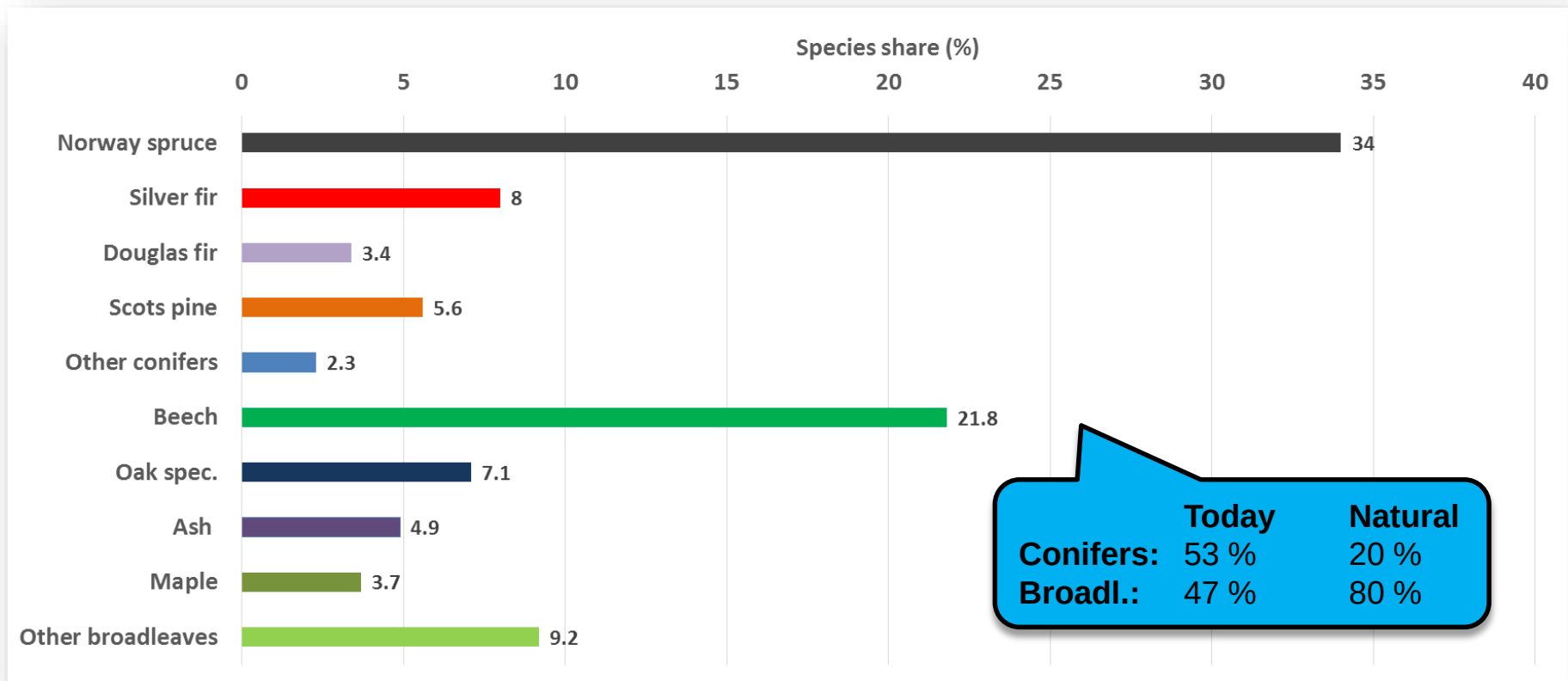
(ForstBW 2014)

Forest with specific functions (e.g. forest law, nature protection law)



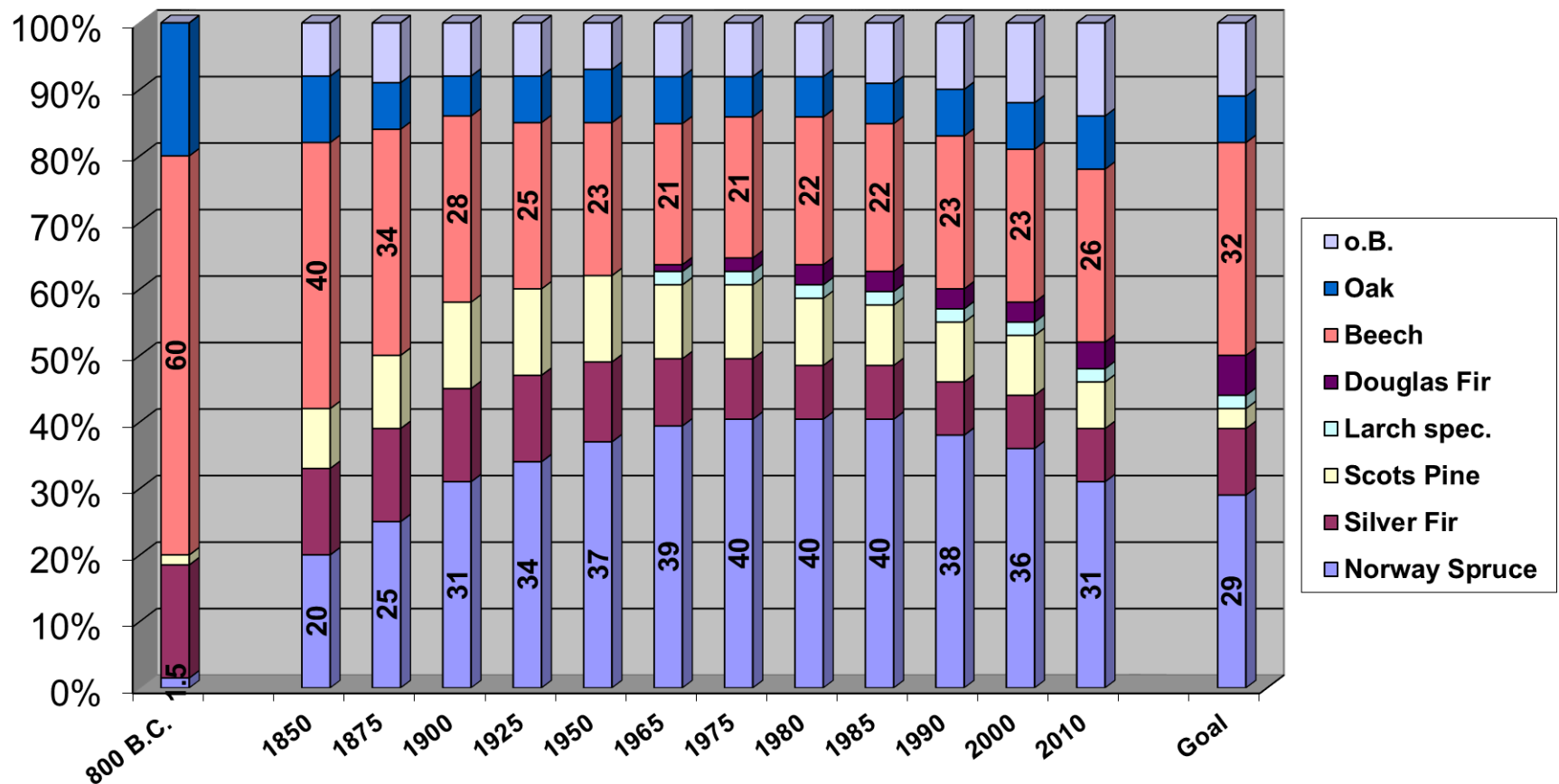
(FVA BW 2015)

Tree species composition (%)



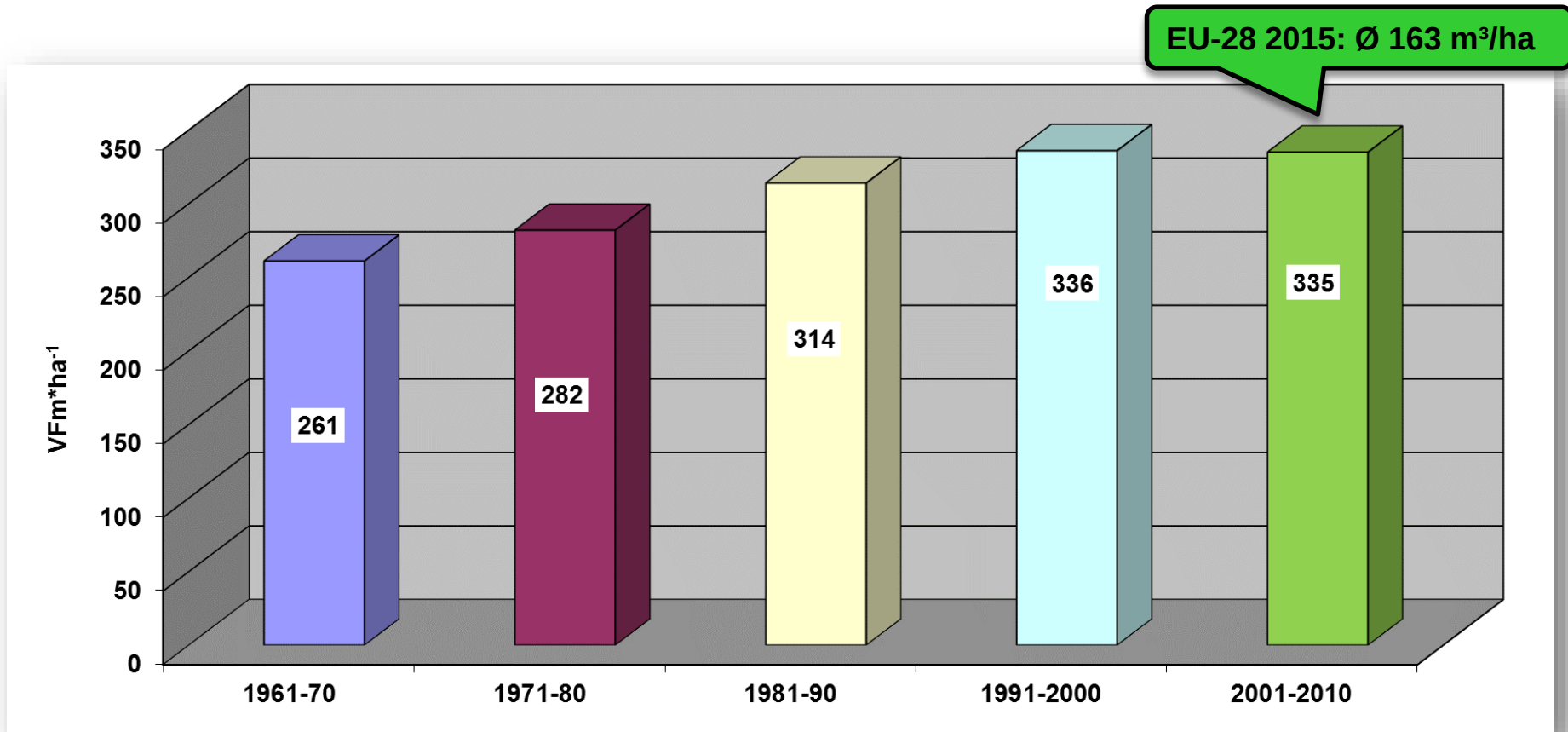
(FVA BW 2015)

Tree species composition (%): Historical development



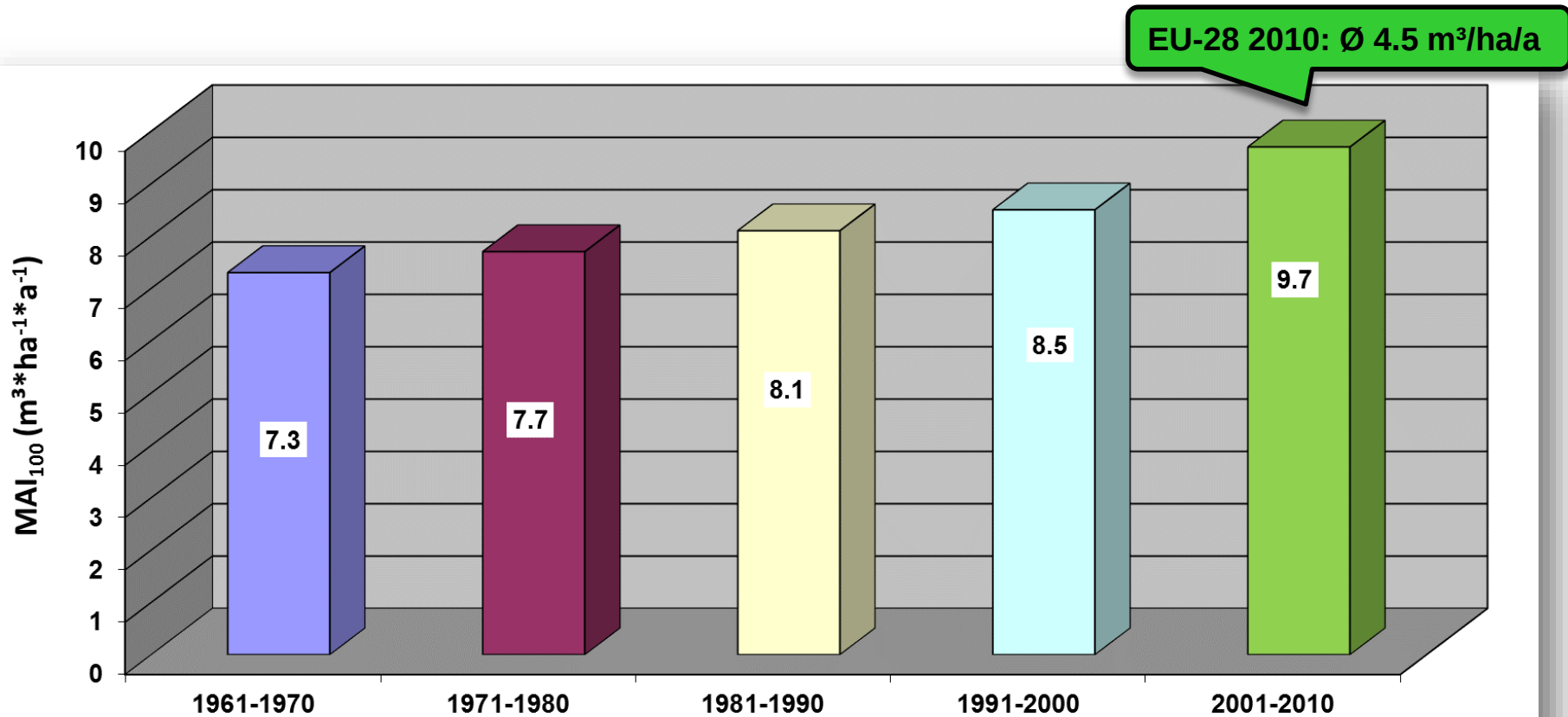
(public forest Baden-Württemberg, Forst BW 2014)

Growing stock (m³/ha)



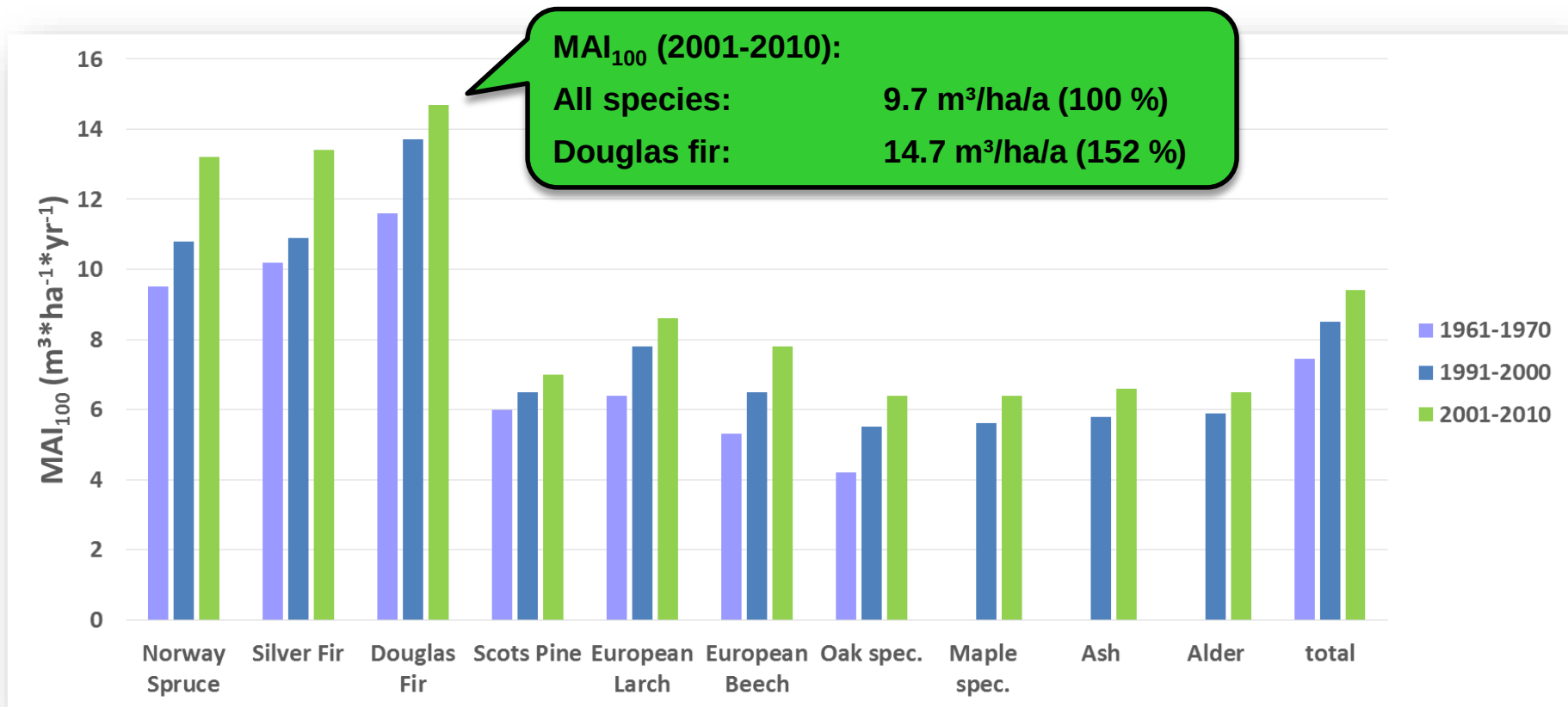
(public forest Baden-Württemberg, Forst BW 2014)

Mean annual volume increment (MAI_{100} , $m^3/ha/a$)



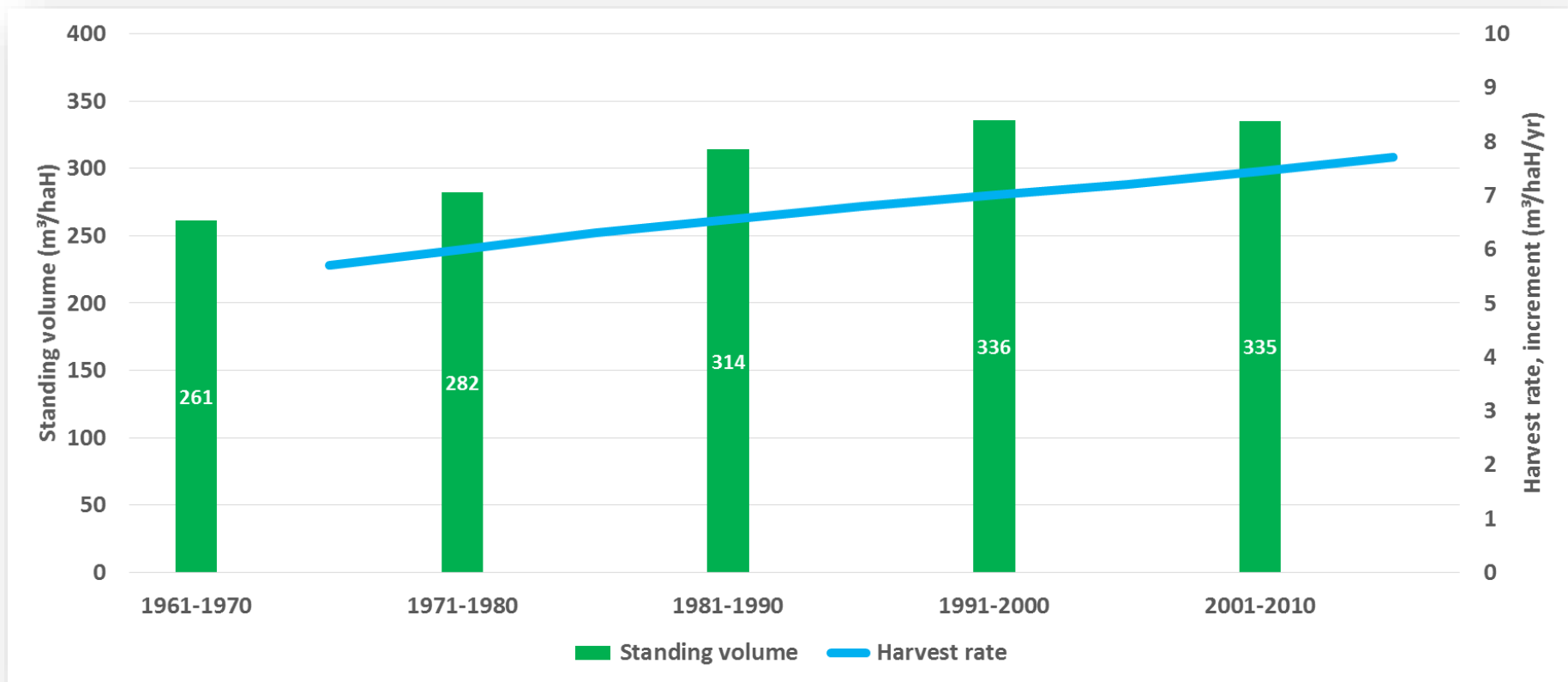
(public forest Baden-Württemberg, Forst BW 2014)

Change in MAI₁₀₀ by species



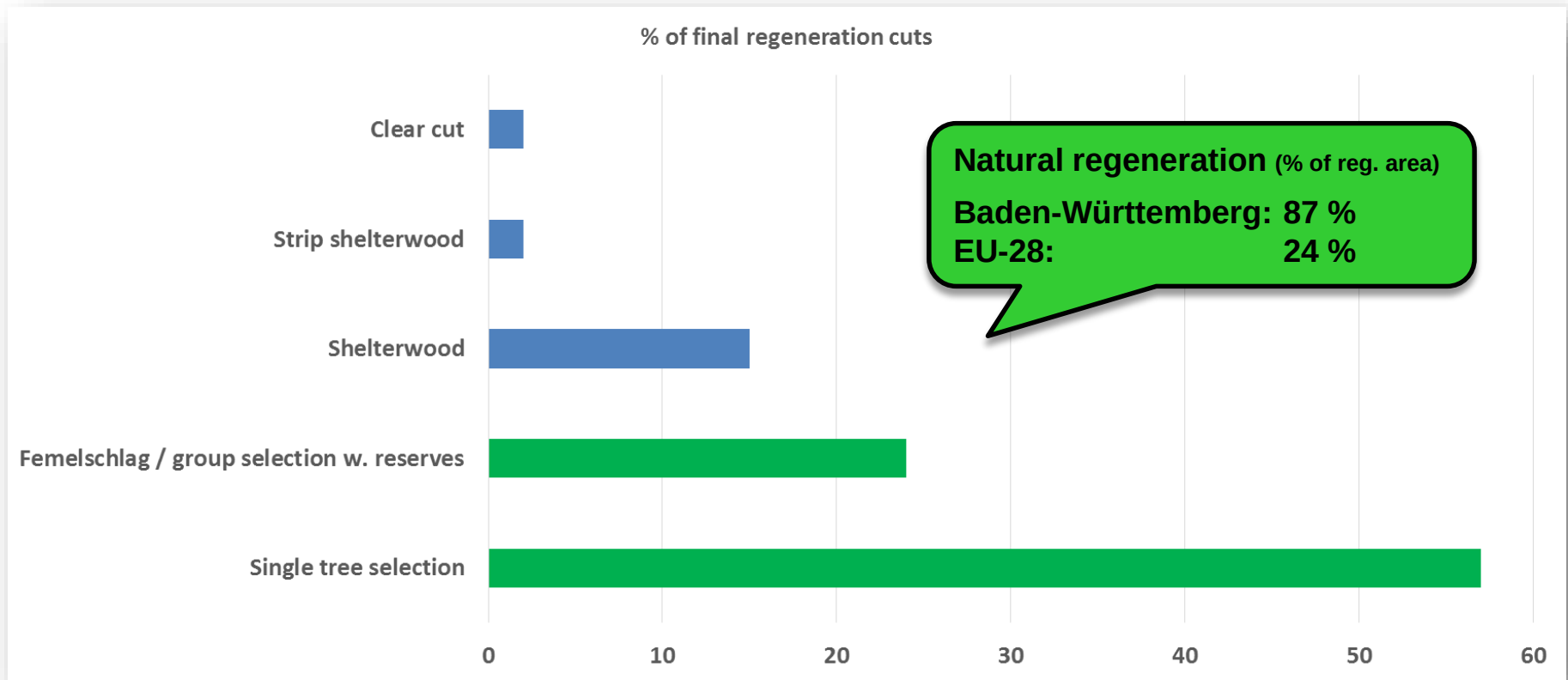
(public forest Baden-Württemberg, Forst BW 2014)

Standing volume, harvest rate and calculated increment



(public forest Baden-Württemberg, Forst BW 2014)

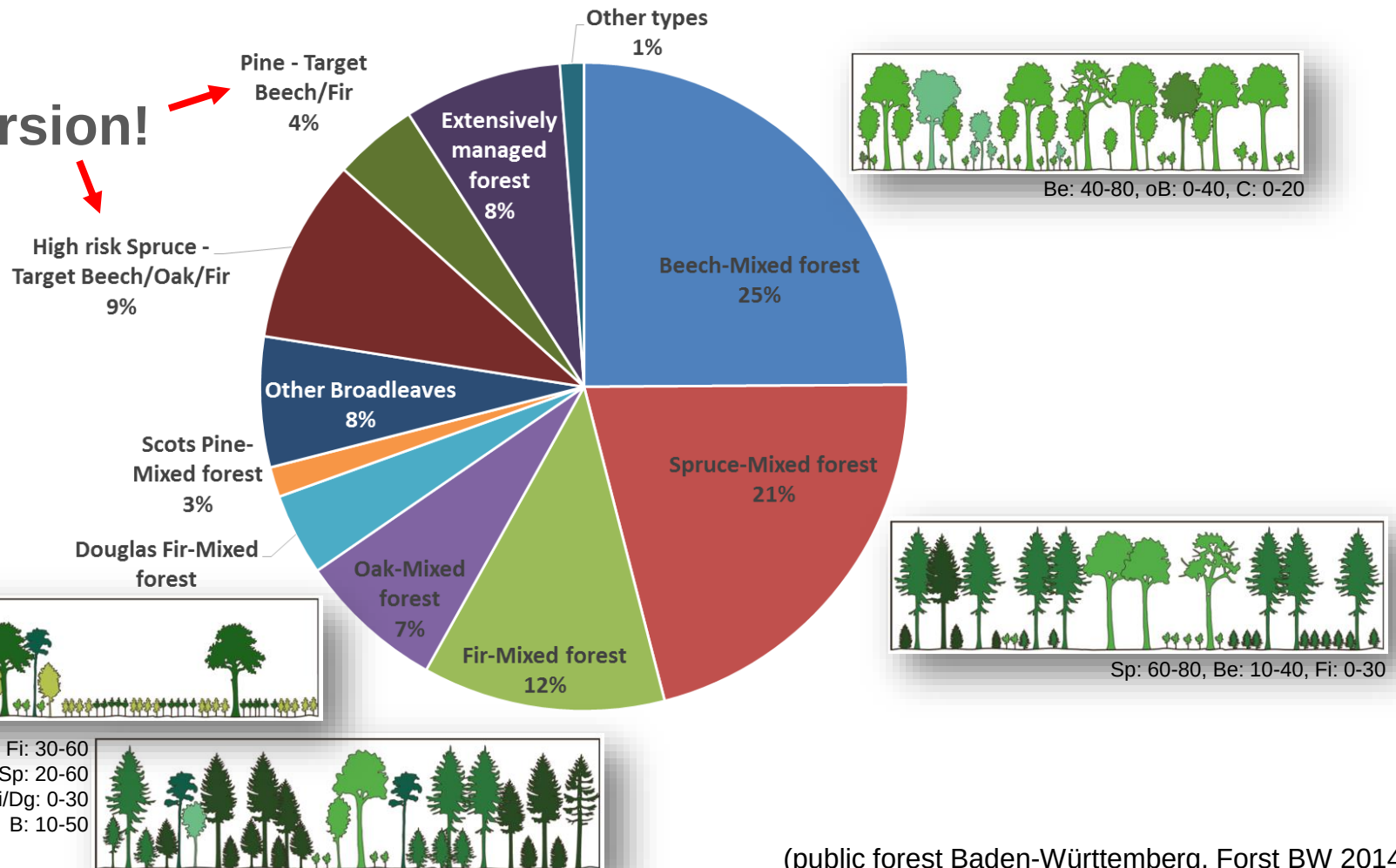
Regeneration cuts (2001-2010, %)



(public forest Baden-Württemberg, Forst BW 2014)

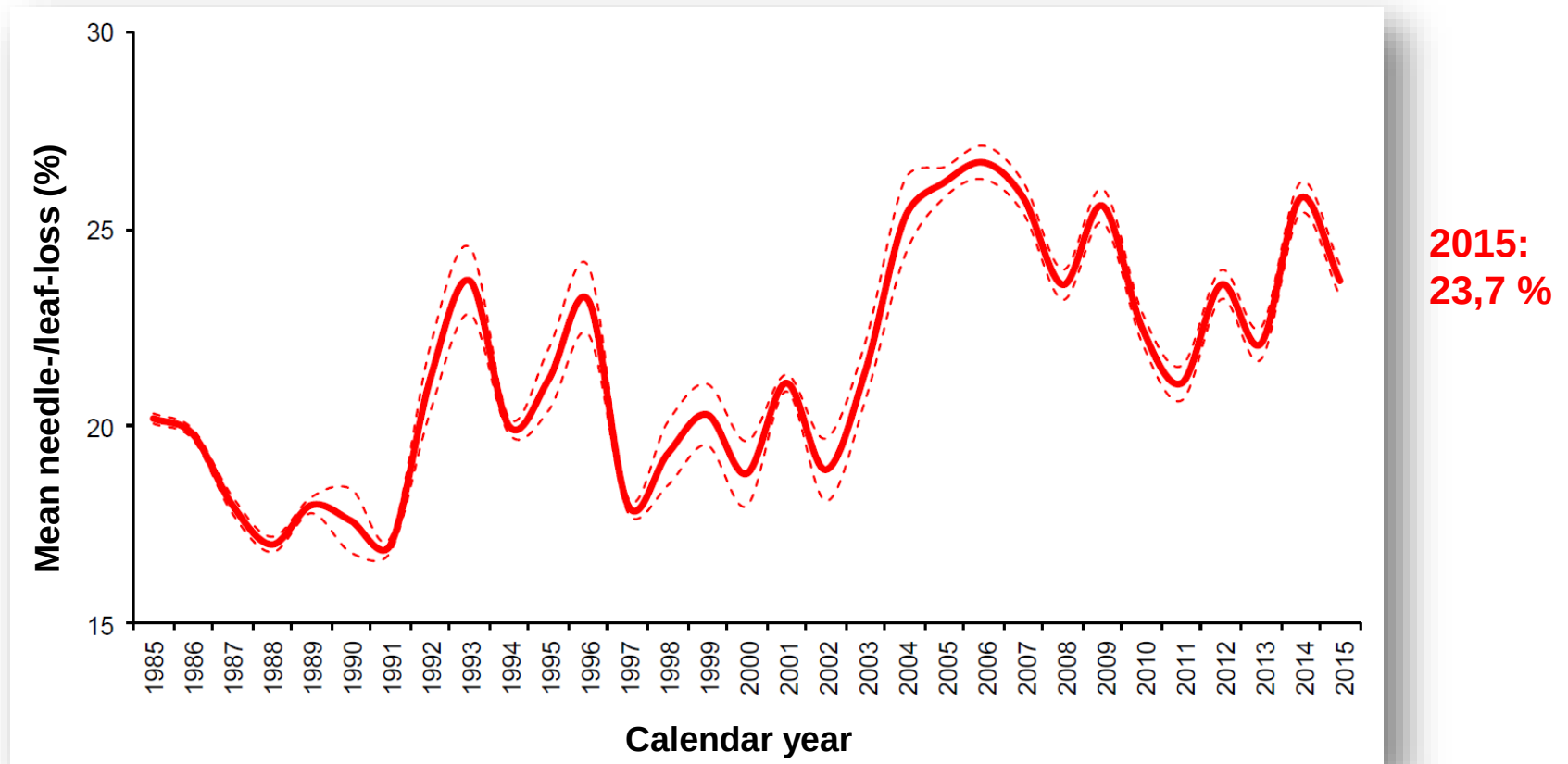
Forest development types (%)

Conversion!



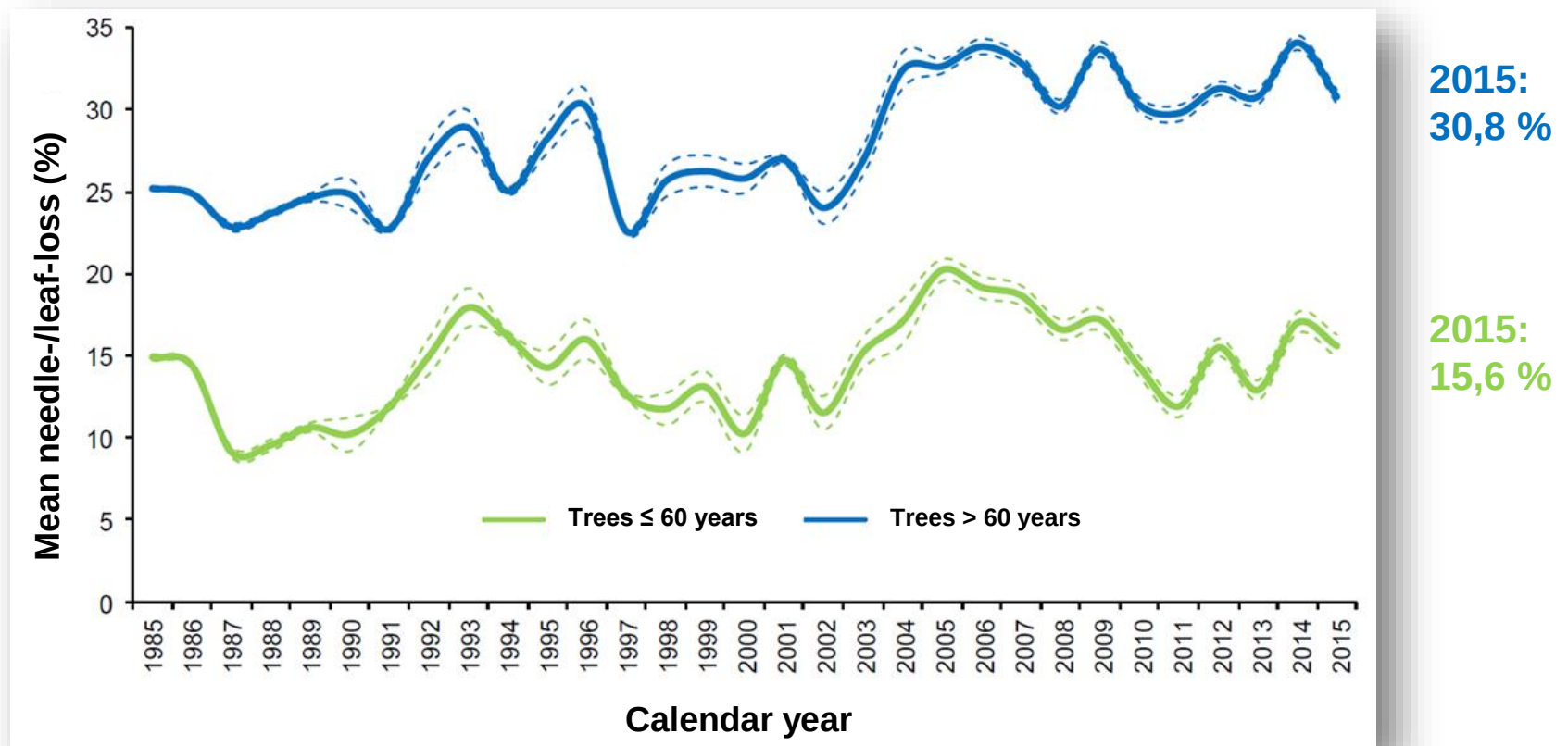
(public forest Baden-Württemberg, Forst BW 2014)

Crown condition of forests 1985-2015



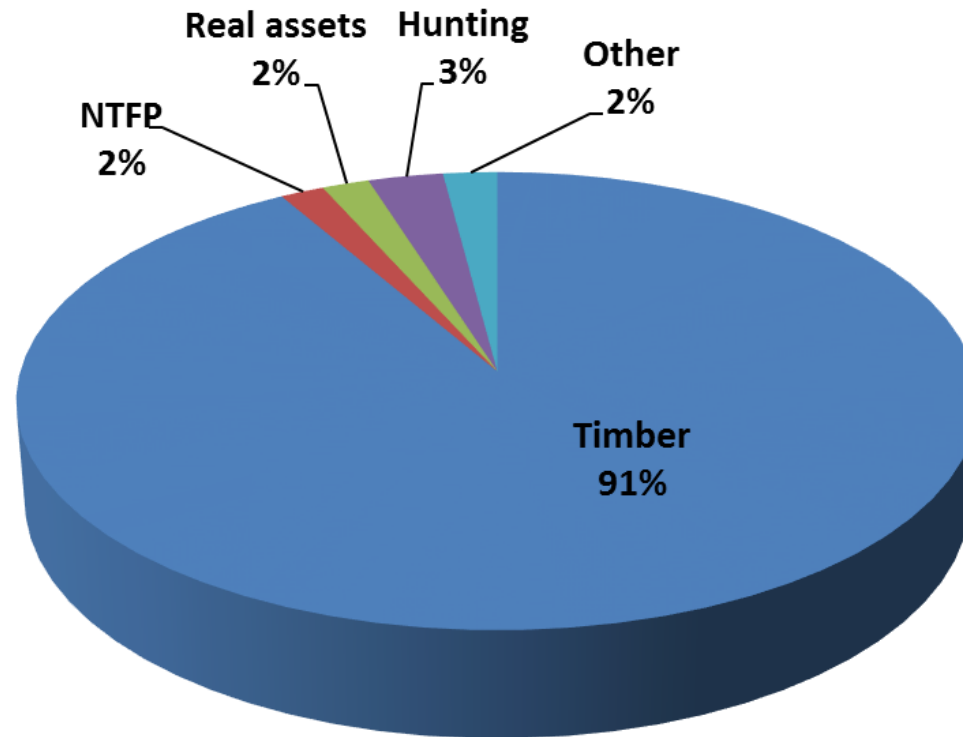
(All tree species in Baden-Württemberg, dashed line 95 % confidence interval, FVA BW 2016)

Crown condition of forests 1985-2015



(All tree species in Baden-Württemberg, dashed line 95 % confidence interval, FVA BW 2016)

Revenues of forest enterprises in Germany



(total forest, all owners, Germany BMEL 2009)

Summary: State of the Forests in Baden-Württemberg

- **Population density:** 300 / km²
- **Forest ratio:** 38 %
- **Forest ownership:** public: 63 %, private: 37 %
- **Tree species composition:** conifers: 53 %, broadleaves: 47 %
- **Growing stock:** 335 m³/ha
- **Mean annual increment:** 9.7 m³/ha/a, increase since 1965 by ~ 30 %
- **Harvest rate:** 7.7 m³/ha/a, increase since 1965 by ~ 30 %
- **Natural regeneration:** 87 % of total regeneration area
- **Conversion:** high risk even-aged spruce stands
- **Revenues forest enterprises:** 91 % timber