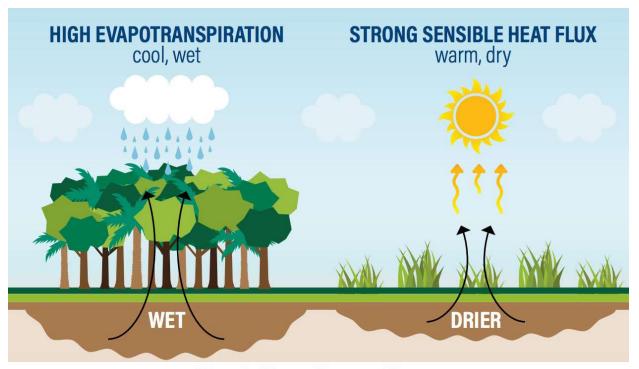


Why are forests important?

- They create oxygen
- Natural habitat of various types of animals
- It effects the water cycle
- Important source of raw material
- It provides timber products like paper and furniture
- It provides non-timber products like medicines or herbs

Benefits of Forests

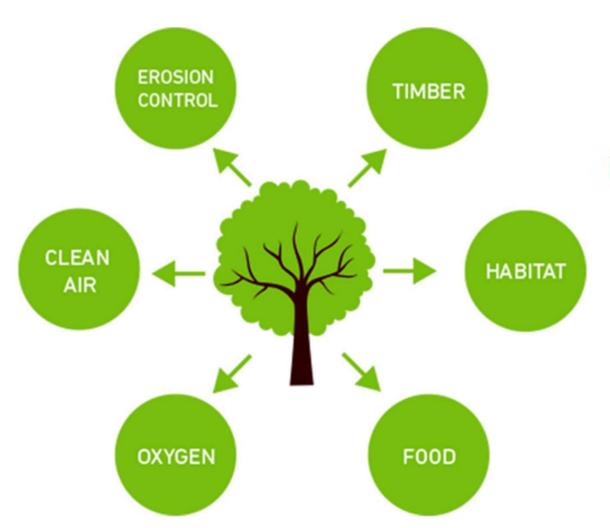


Regulation of mass flows (erosion control, protection against avalanches and mudflow)

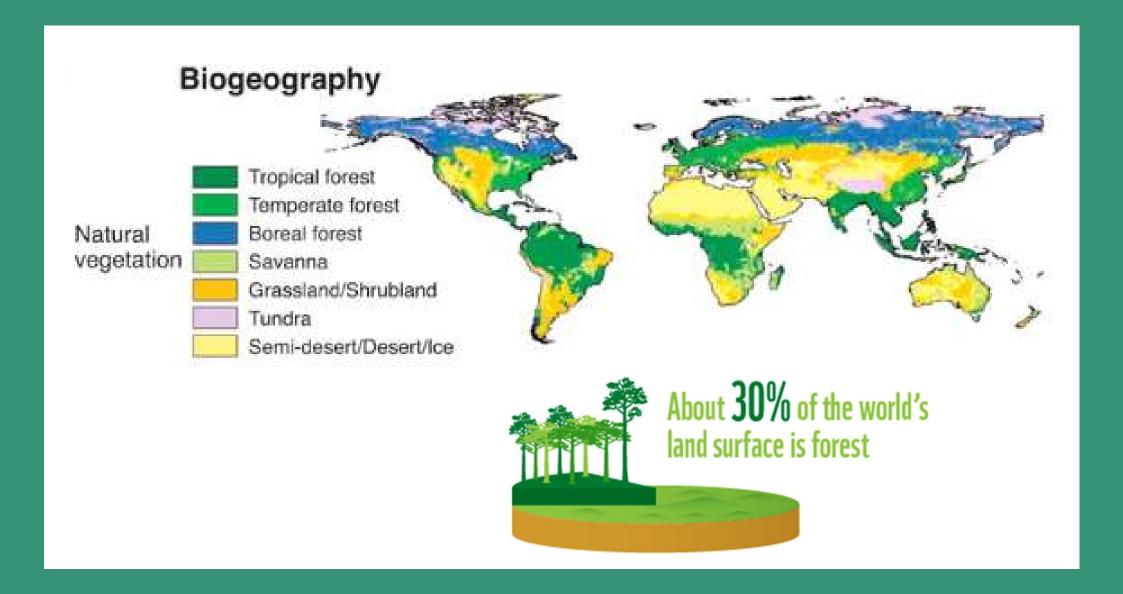
Conserve biodiversity

Provide social and economic benefits

Protect soil and water quality Protect cultural heritage



Forest act as carbon sinks, absorbing CO₂ from the atmosphere and storing carbon in their biomass and soils.

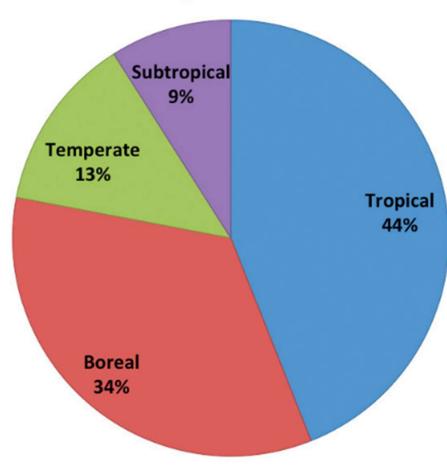


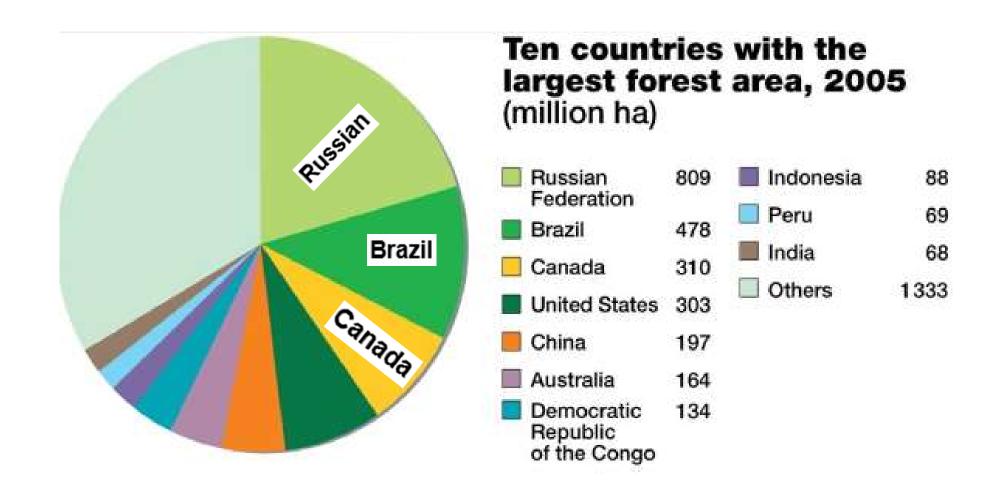
Forest Cover in the World by Climatic Domain

Forest Cover by Climatic Domain 2005

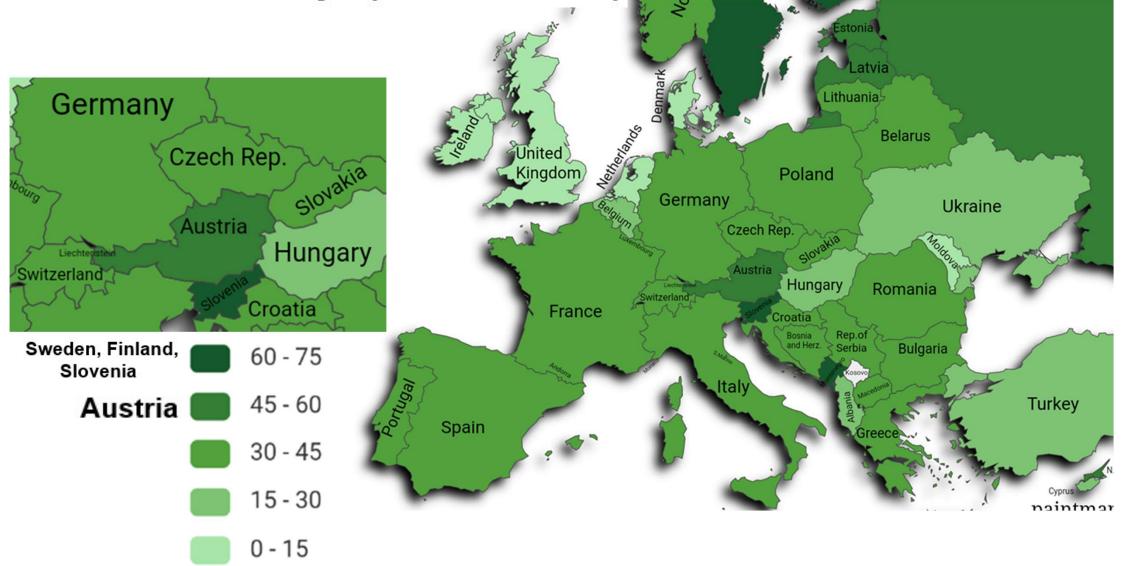
Temperate forests Austria, located in the European heartland, lies within a temperate climatic zone.

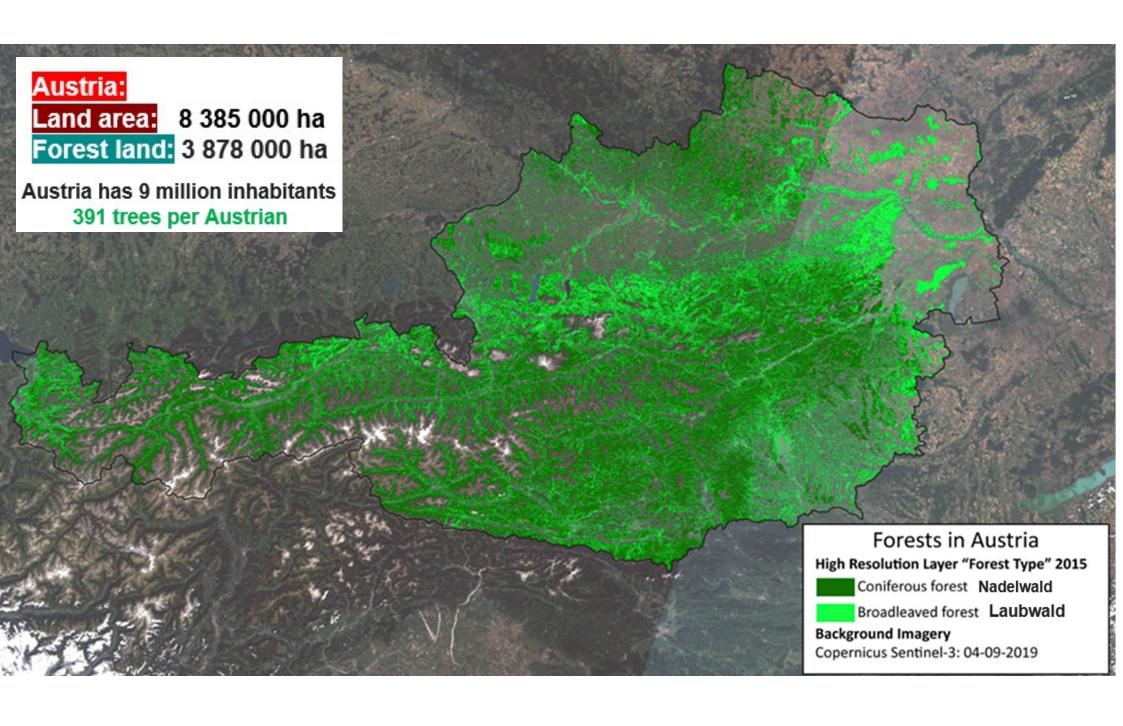
Rainforests cover less than 2 percent of Earth's total surface area, they are home to 50 percent of Earth's plants and animals.





Forest area in Europe (% of land area)

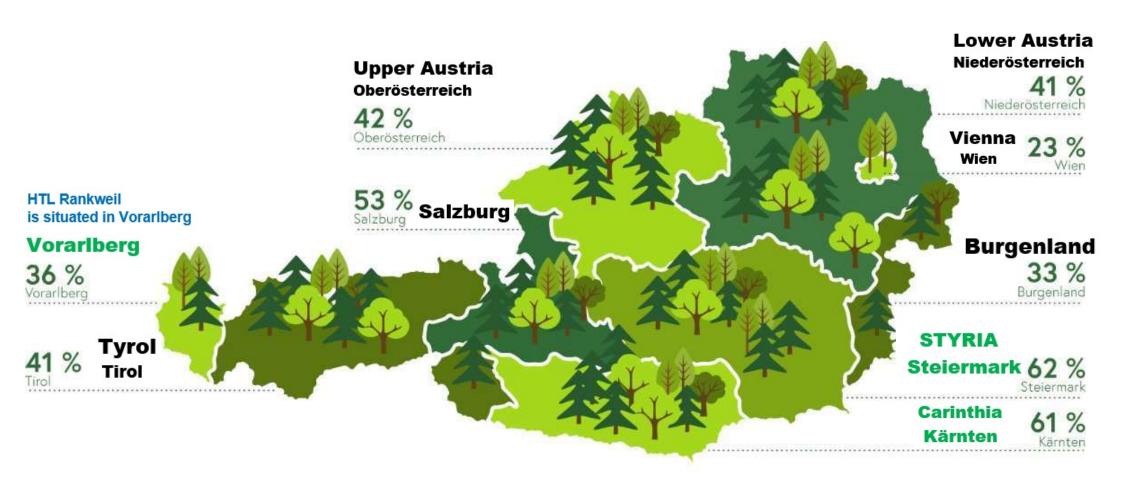




Forest area in Austria: 47,9 %



Forest area per each of the 9 federal state

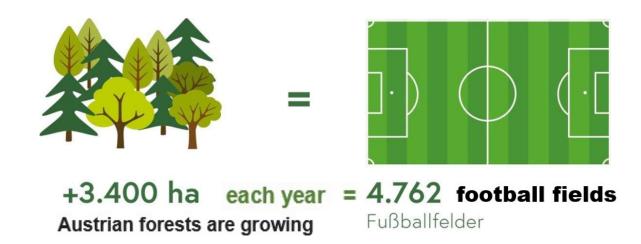


Waldfläche pro Bundesland

Austrian forests increase each year 3.400 ha

->

This corresponds to the amount of 4762 football fields in one year



The world lost 12 million hectares of tropical rainforest in one year, an area equivalent of 30 football pitches every minute.









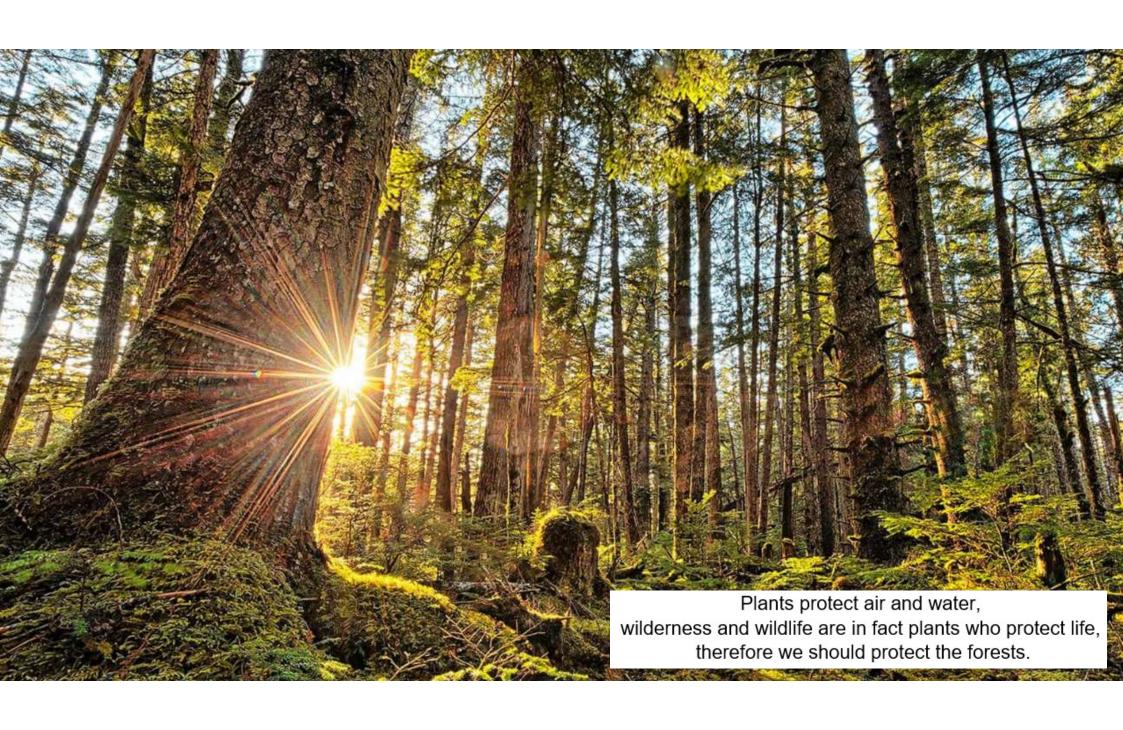


Biological Diversity

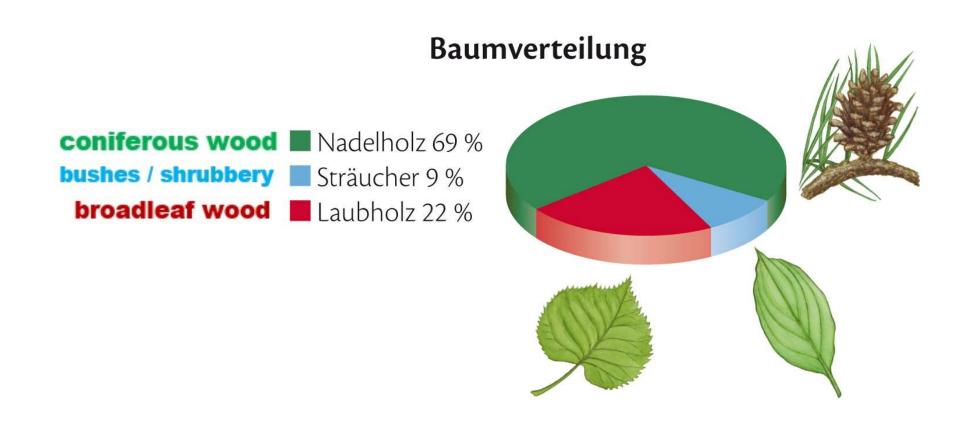


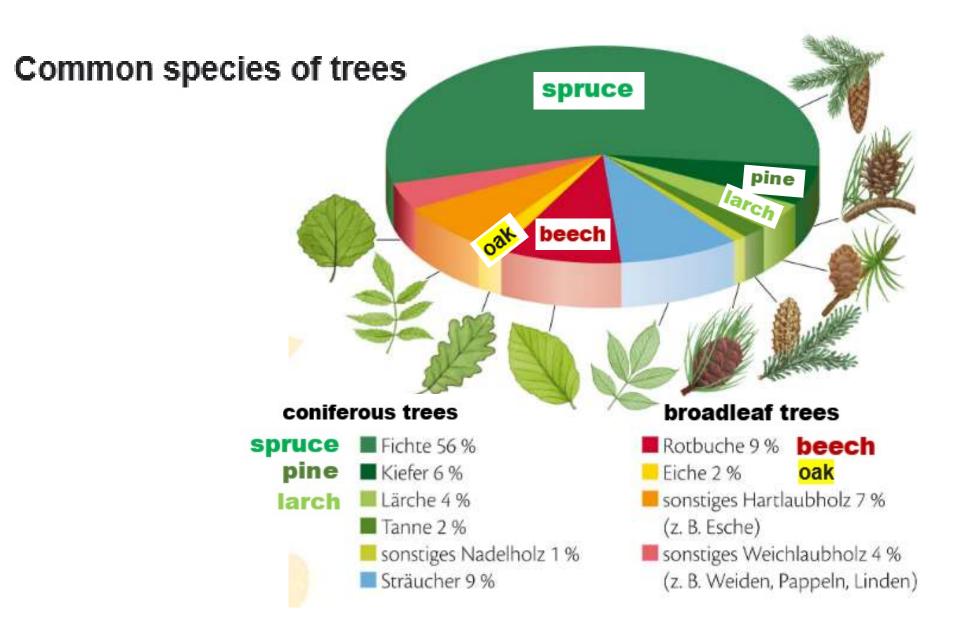


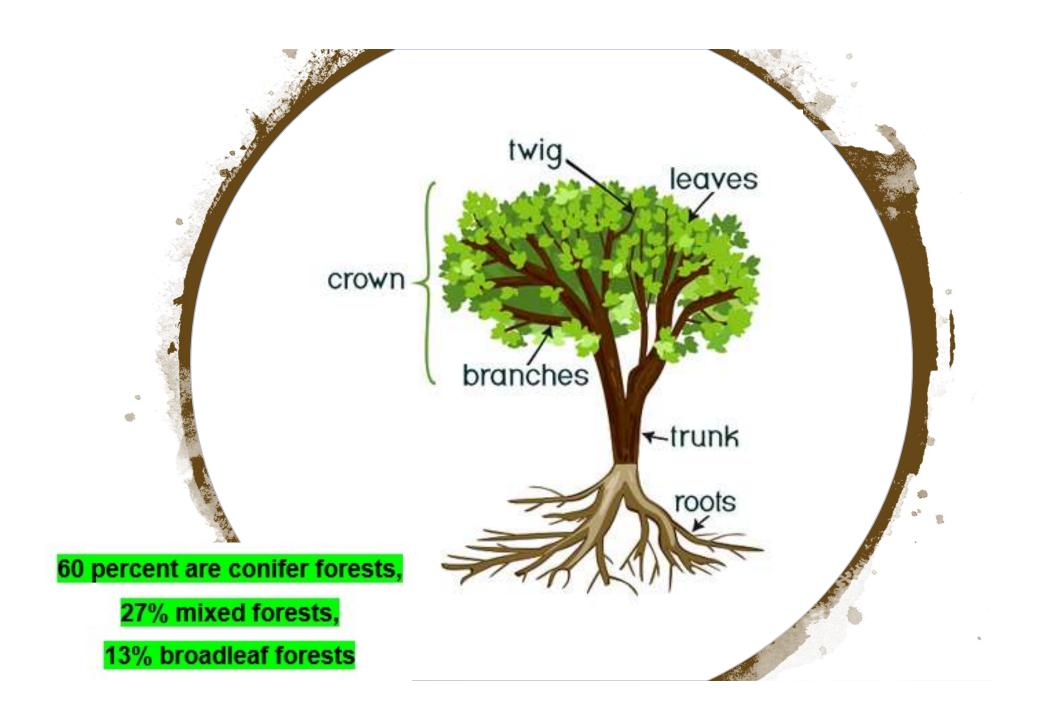




The most widely spread types of wood in Austria













Monoculture of spruces for the timber industry





- a) commercial forests (3.000.000 ha ... the biggest part)
- b) protective forests (286 000 ha)
- c) forests area out of production



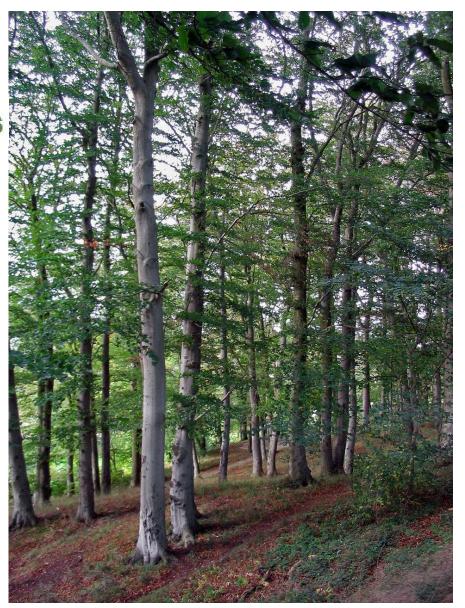




Beech Forests

hardwood timber









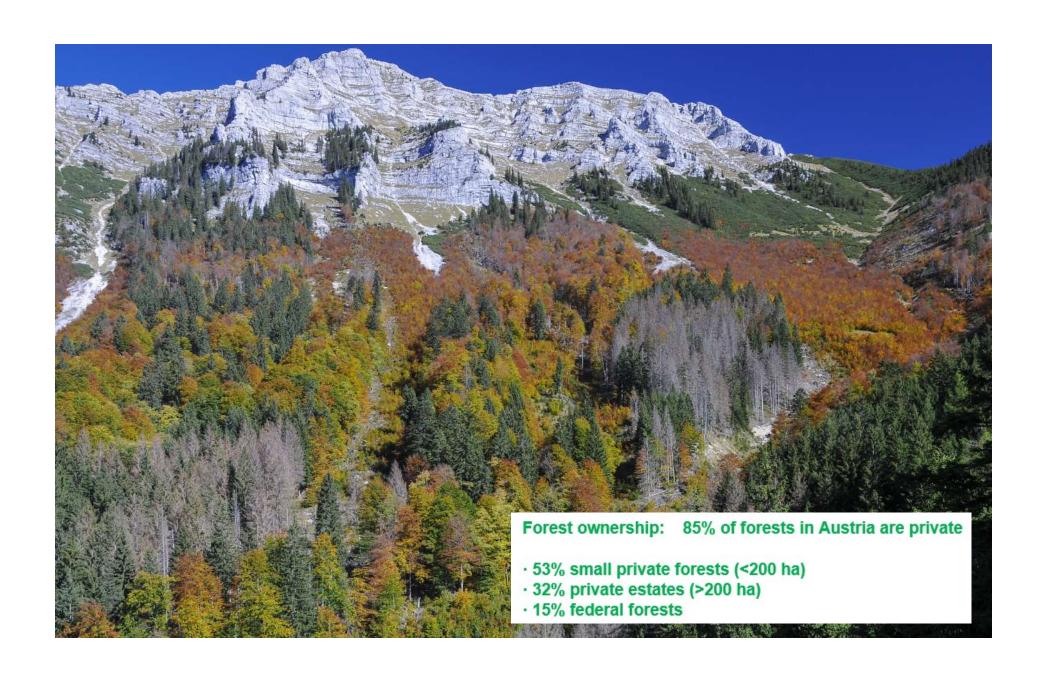




UNESCO World Natural Heritage beech forests "National Park KALKALPEN" in Styria (Austria)







The "bark beetle" in coniferous forests can causes extensive tree mortality, when the warming temperatures are increasing.



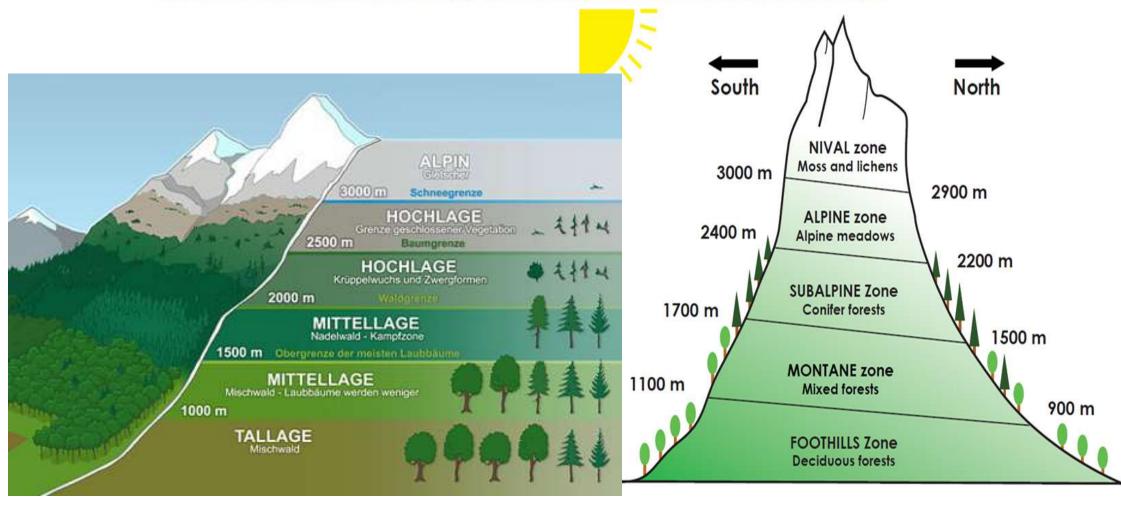


bark beetle / Borkenkäfer



The tree line (timberline) is approximately at 2500 metres in the Alps

The climatic forest line is approximately at 2000 metres in the Alps





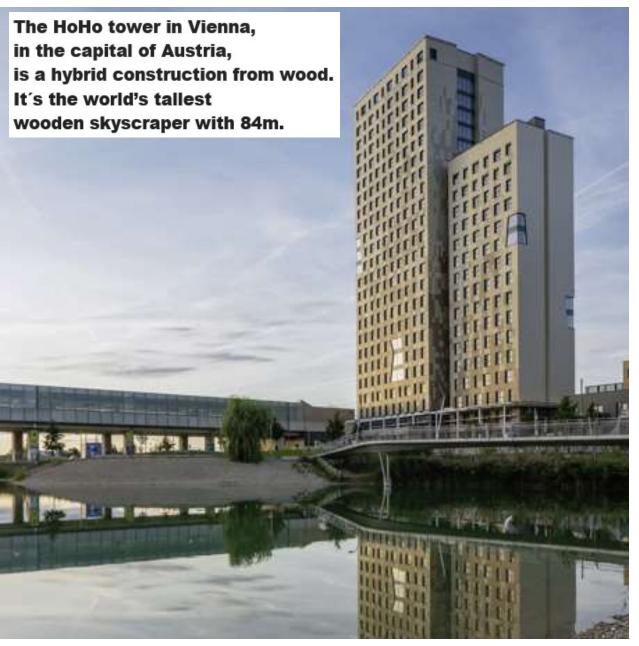
A traditional house in the Bregenzerwald (Vorarlberg in Austria).







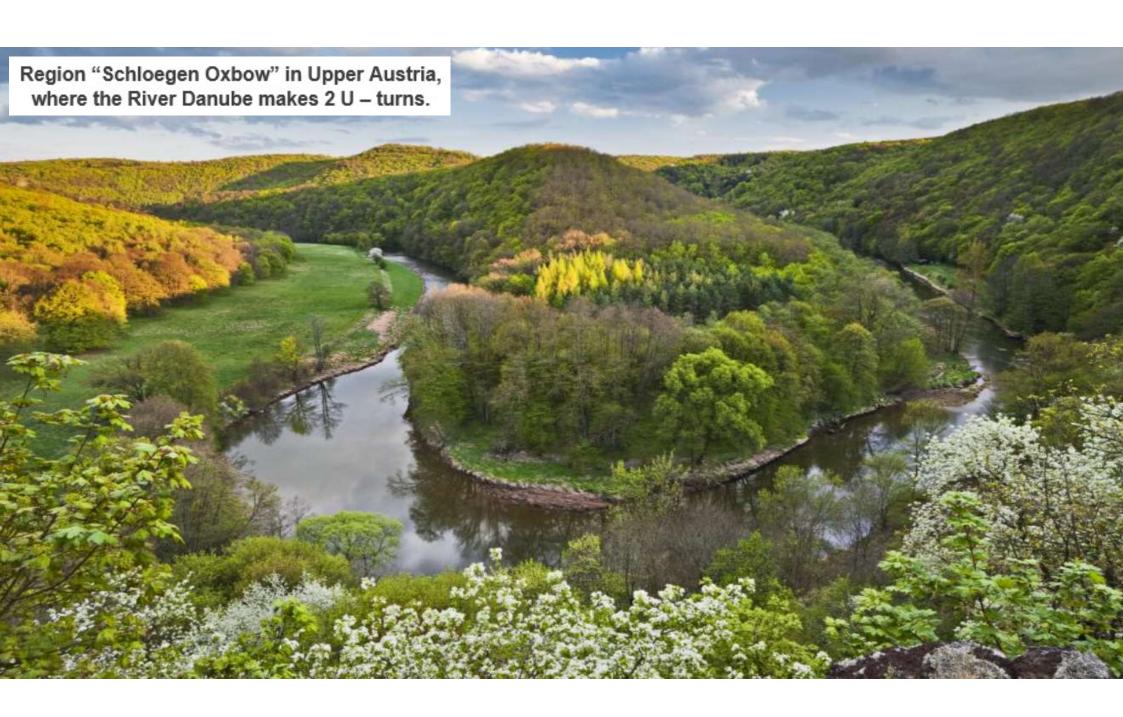
















"The most beautiful gift of nature is that it gives one pleasure to look around and try to comprehend what we see."

Albert Einstein



