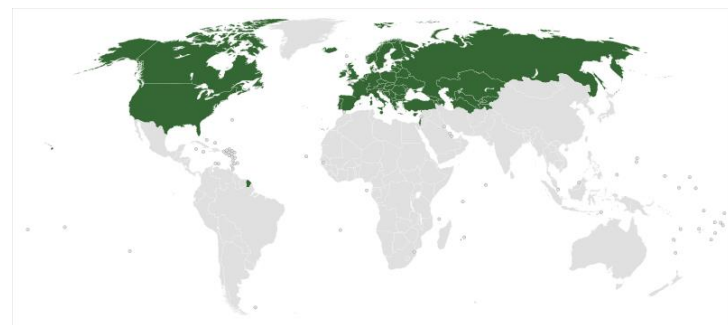


Key Findings of the Global Forest Resources Assessment 2020

Forest resources in the World, and in the UNECE region

FORESTS



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Global Forest Resources Assessment

- Based on official country statistics reported to FAO through a global network of **officially nominated** national correspondents
- More than 60 forest-related variables in 236 countries and territories for the period from 1990 to 2020



Food and Agriculture Organization
of the United Nations





FRA 2020 in the UNECE region

50 out of **56** UNECE countries providing FRA reports

- Expert Consultation on FRA, Joensuu, Finland 2017
- FRA 2020 Launch Meeting, Toluca, Mexico 2018

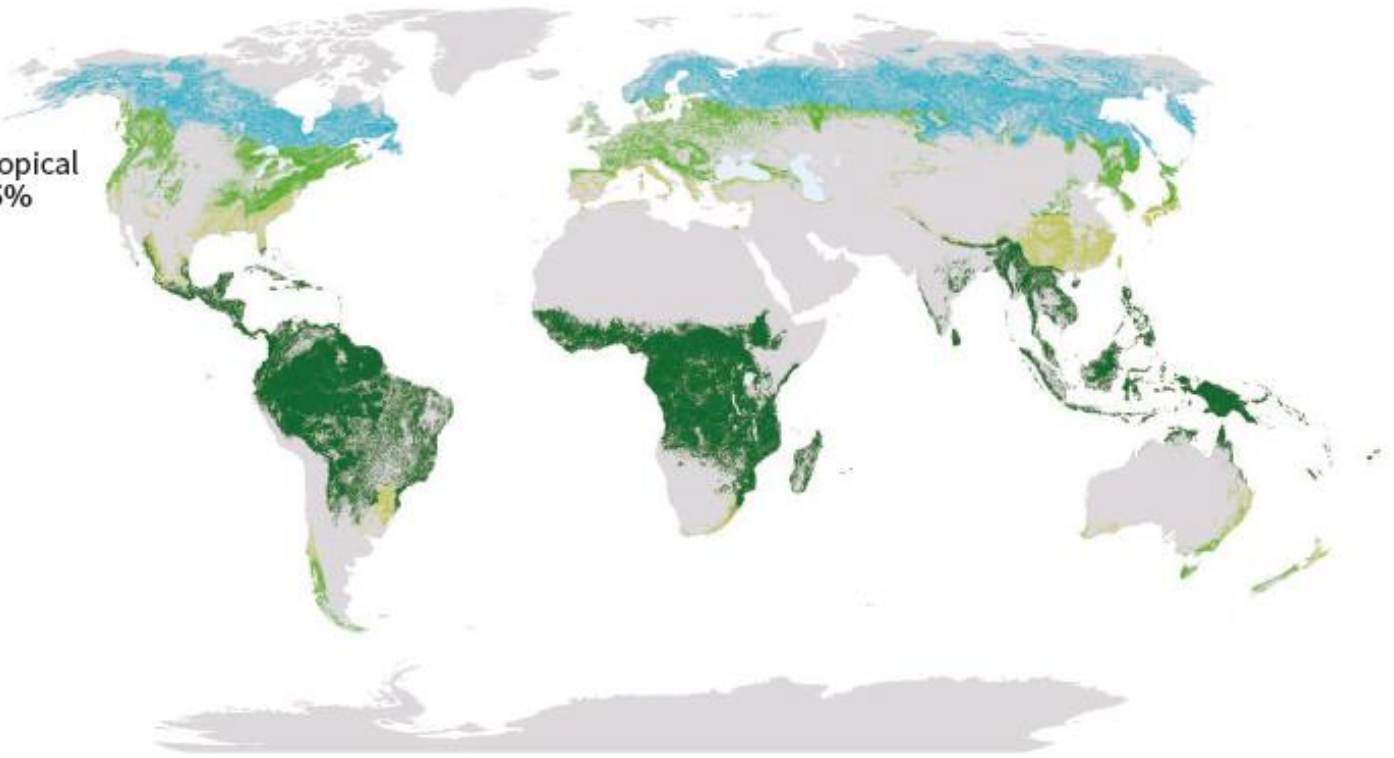
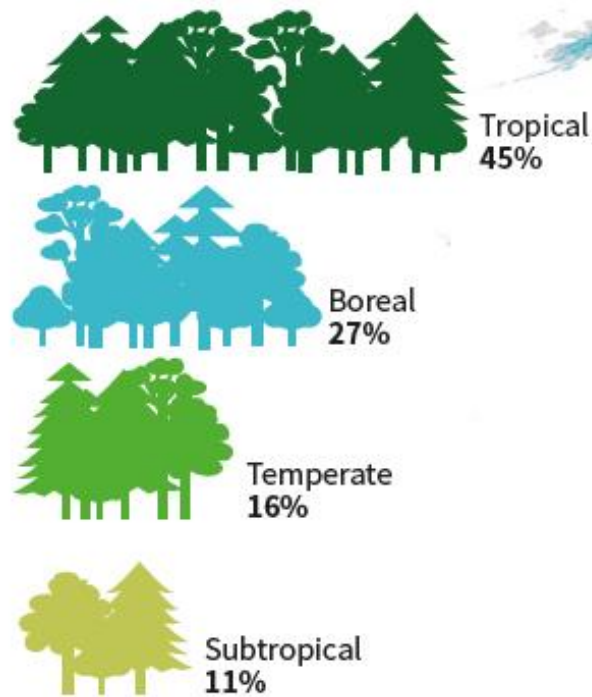
- Regional Workshop for UNECE countries, Geneva, 2018
- Technical Workshop for the Caucasus and Central Asia, Tbilisi, 2018

- ToS on Monitoring SFM
 - Tromsø, Norway 2017
 - Tbilisi, Georgia 2018
 - Vienna, Austria 2018
 - Copenhagen, Denmark 2019.

- Support to FRA Advisory Group and technical meetings
- Contribution to the review of national reports



Global forest area is 4.06 billion hectares (31% of the total land area)



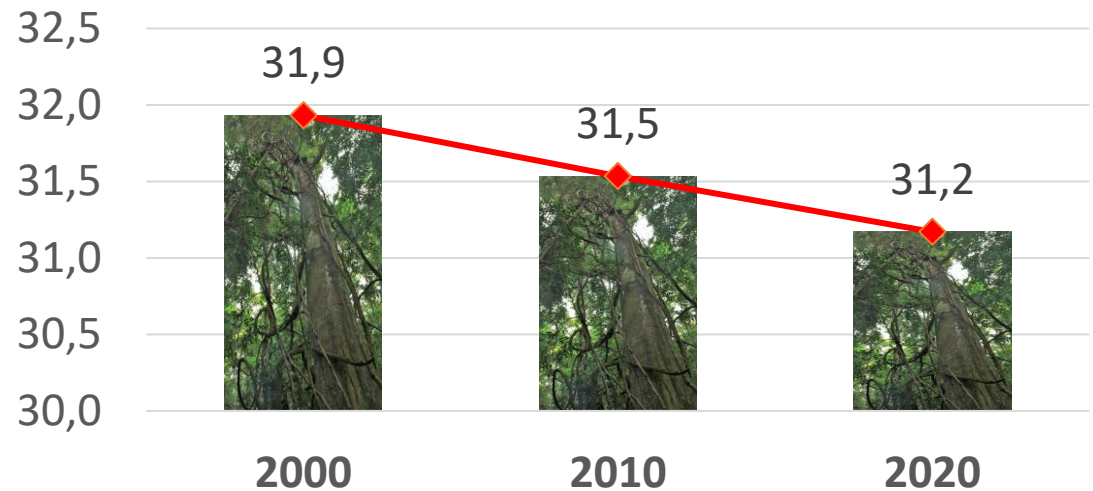
42% of the global forest area is found within the **UNECE region** (1.71 billion ha / 38% of land) 63% boreal - 39% temperate - 7% sub-tropical



- The world has lost **178 million ha** of forest since 1990



Spain, France, Germany and Poland = 170 Mha.

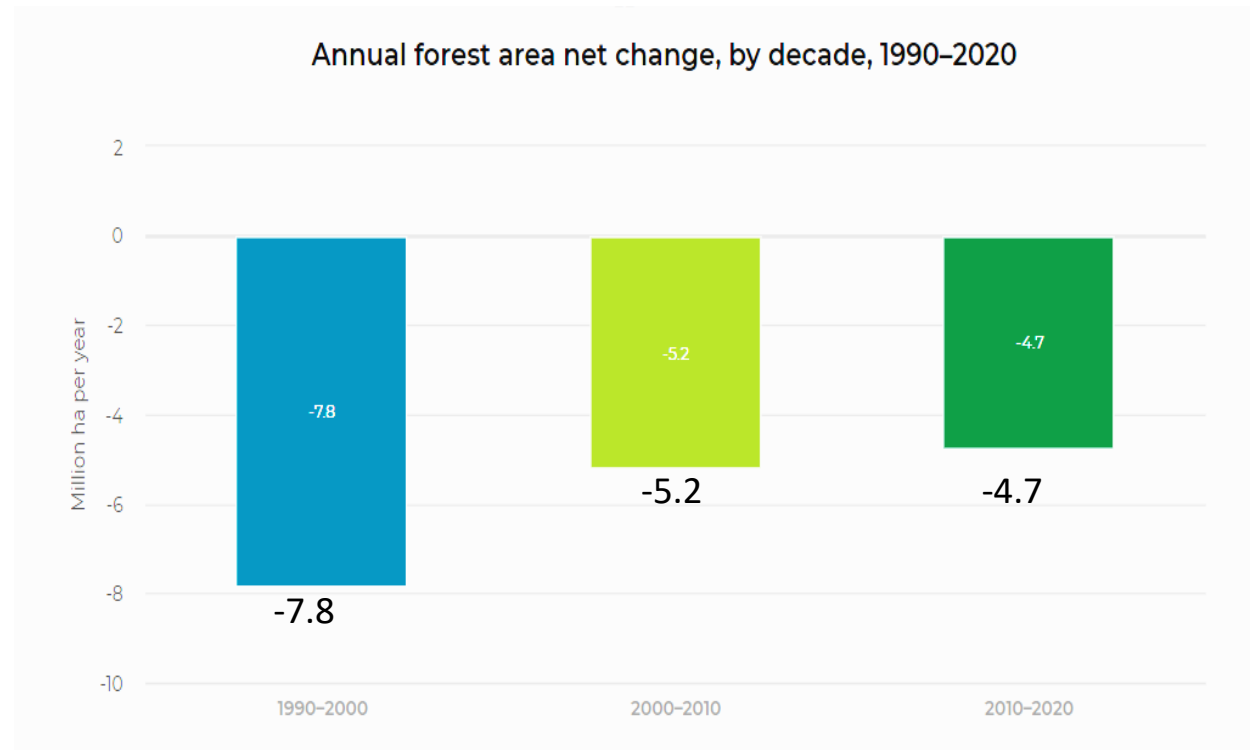


Forest area as a proportion of total land area



... but the rate of loss has slowed

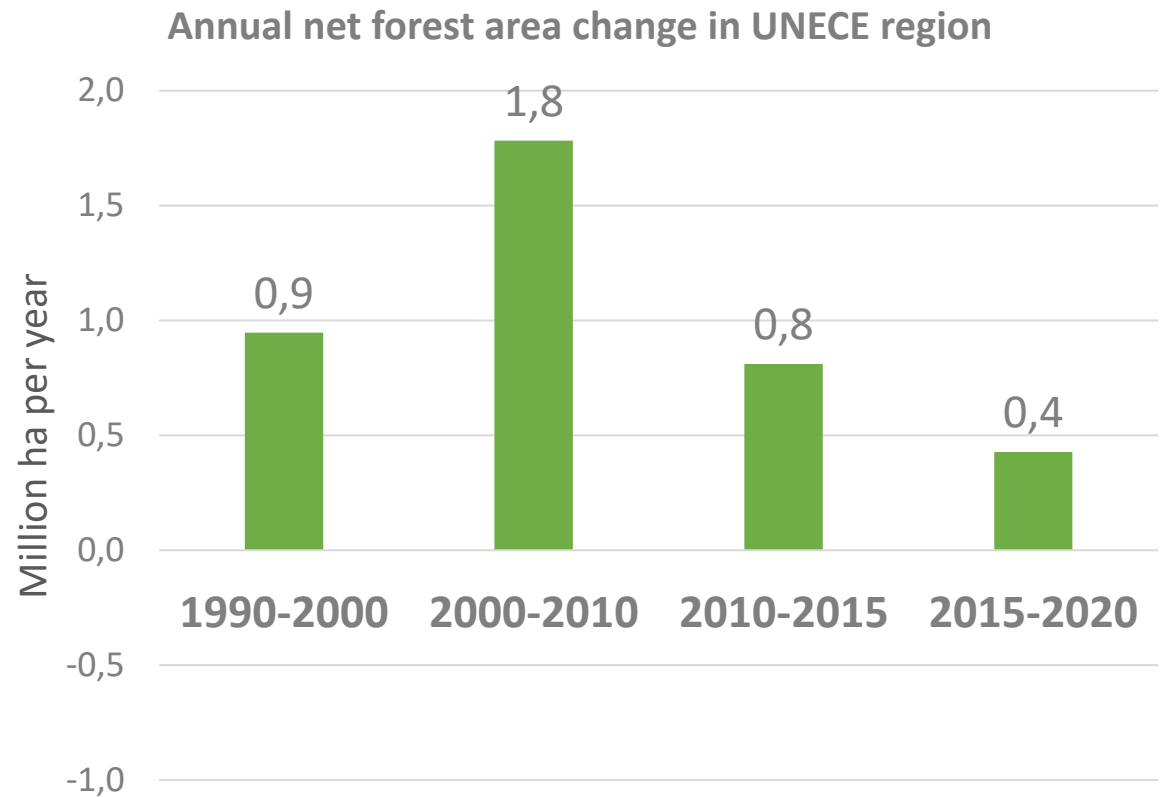
- The annual rate of net forest loss in **last decade** has dropped to about 60 percent of the rate in **the 1990s**





Forest is increasing in the UNECE region

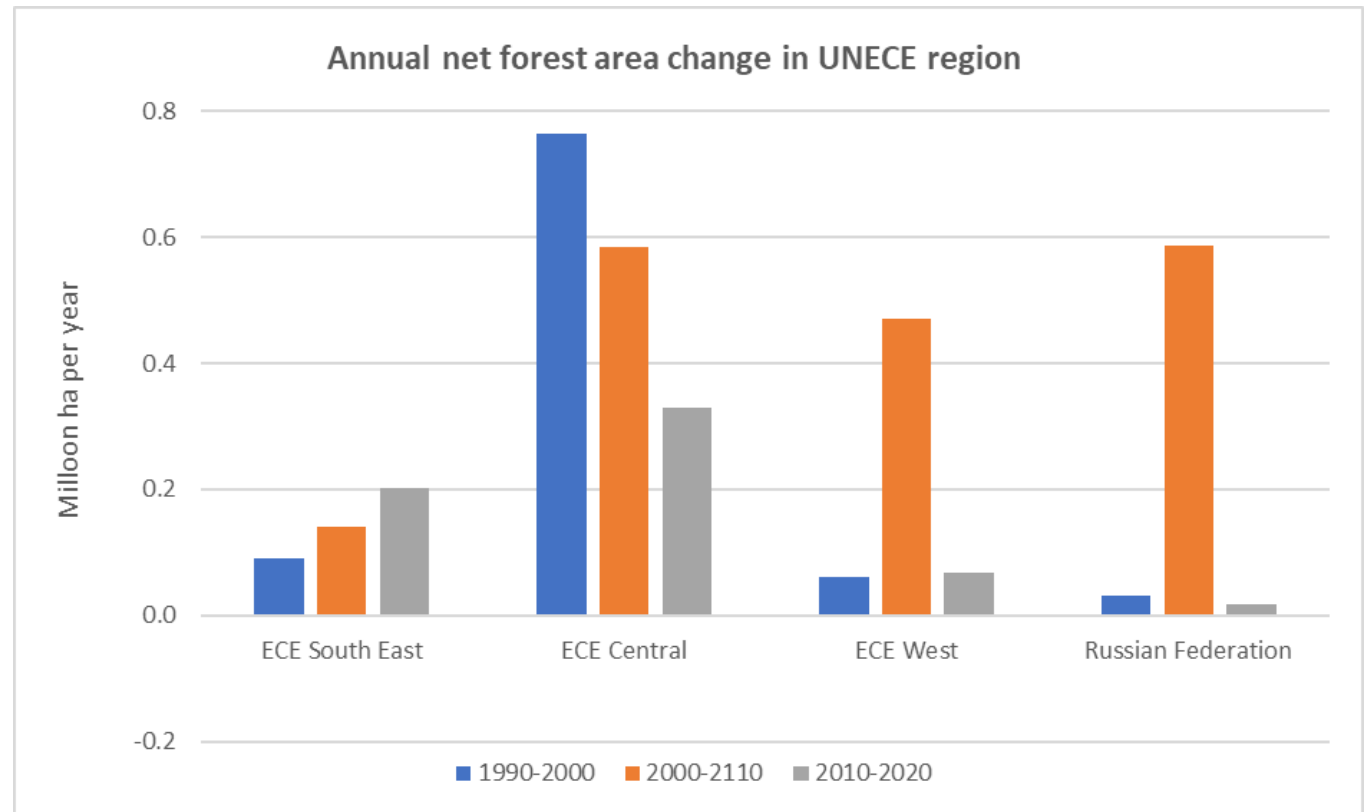
- Forest area in the UNECE region has increased in the last three decades, by **about 33.5 million ha** (~ area of Germany)
- Rate of growth dropped in 2010-2020 (0.6 million ha) due to **decrease of land available** for afforestation and competition for other land use





Within **UNECE** all groupings report positive annual forest area change

- **ECE Central** has the biggest growth ~**17 million ha**
- The rate of gain was highest in the **ECE South East**, by almost **0.4 %** annually in the last three decades





Aboveground biomass

- The world's aboveground biomass (AGB) has **decreased slightly** since 1990
- On the other hand, **AGB per unit area is increasing** globally and in all regions.

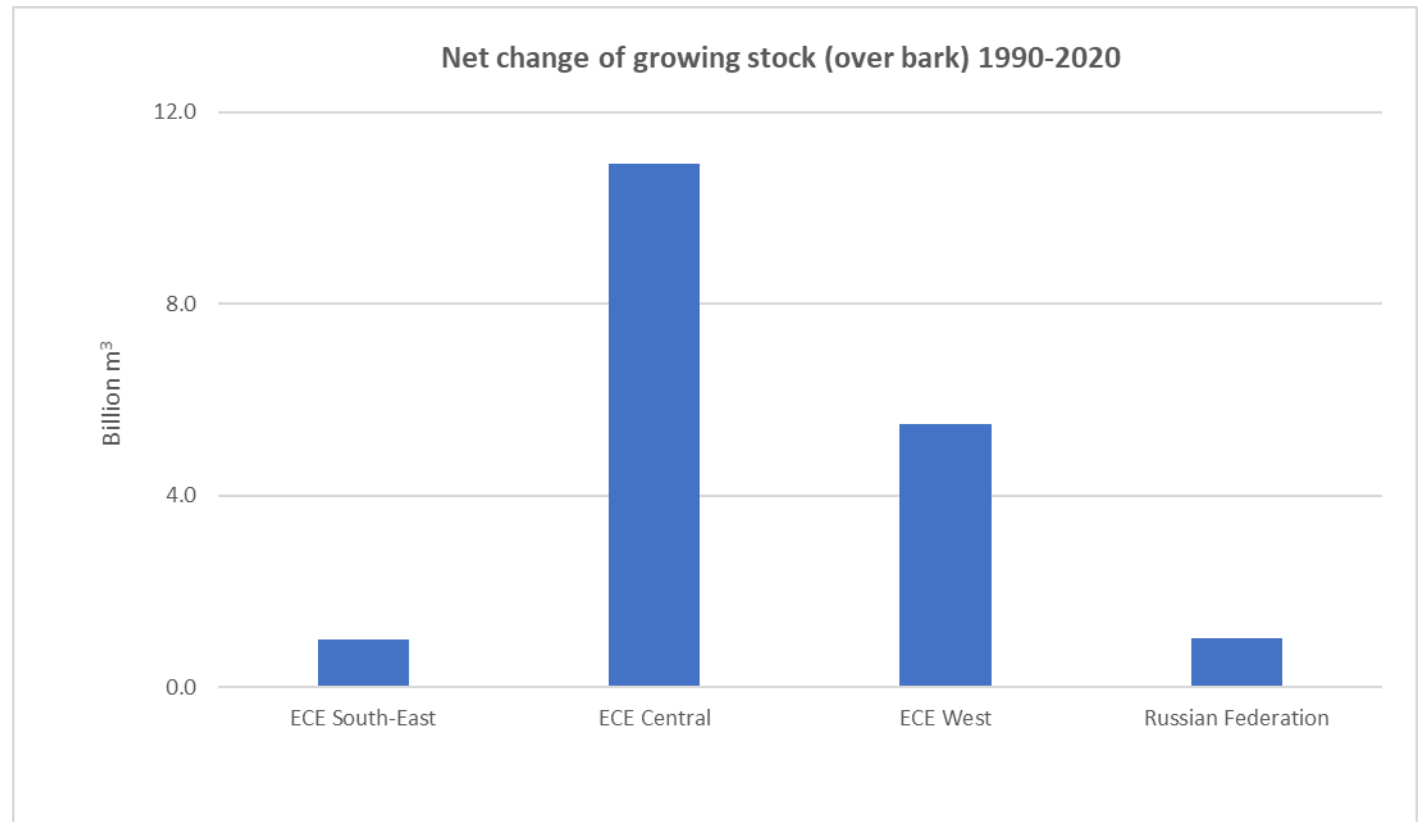
UNECE is an exception with increasing AGB due to increase in both forest area and in biomass density from **80 tonnes/ha** to **87 tonnes/ha** in the last 20 years





All **UNECE** groupings report increase of growing stock, **18 billion m³** since 1990

- Total growing stock in the region is **206 billion m³**
- **39 billion m³** harvested during last three decades



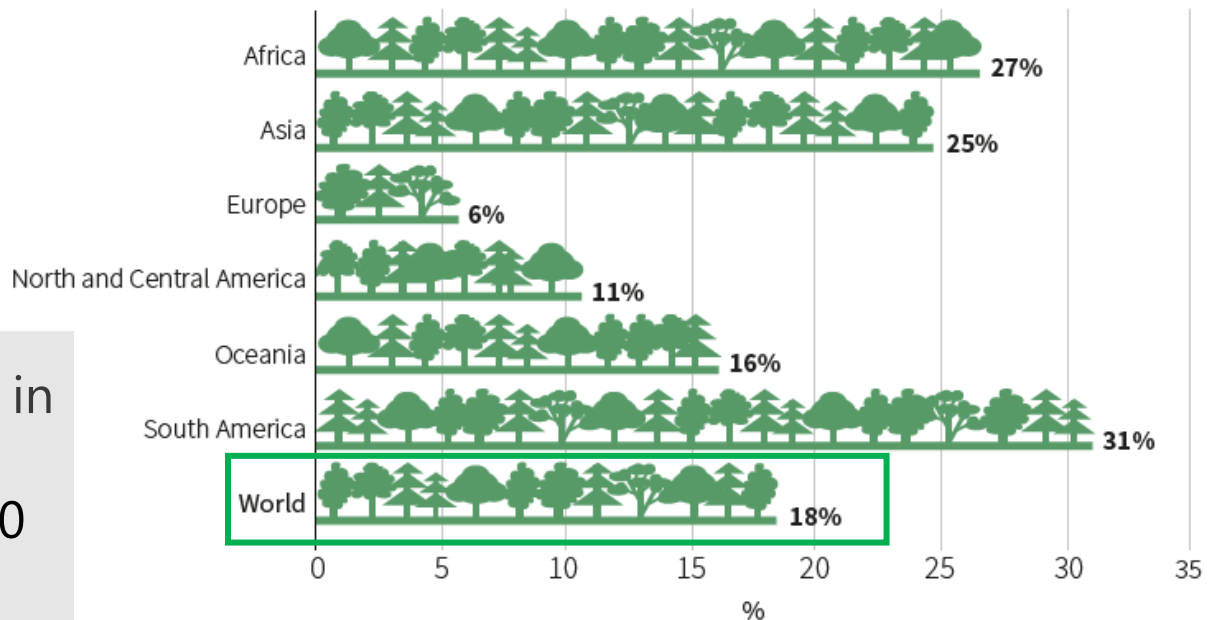


More than 700 million ha of forest is in legally established **protected areas**

Protected areas cover **18 percent** of the total forest area, so the Aichi Biodiversity Target 11 has been met for forests

Only **7 percent** of forest area in protected area in **UNECE region** (but doubled in last 30 years)

Proportion of forest in protected areas, by region, 2020



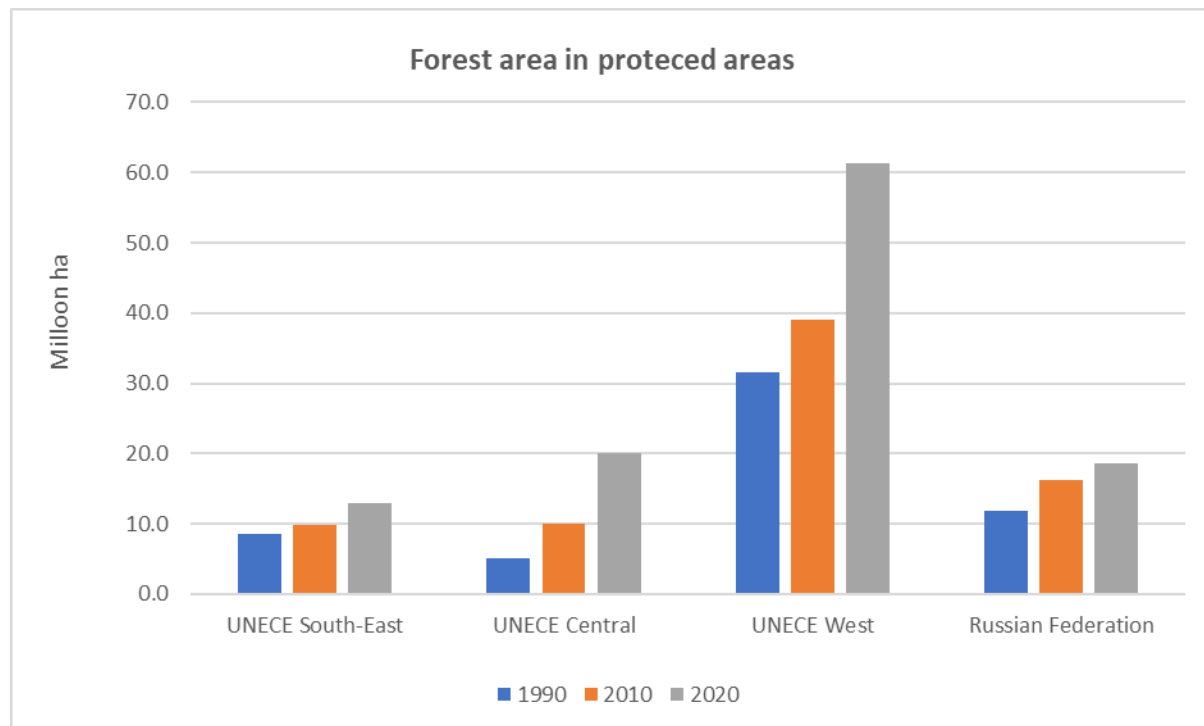


Area of protected forests is increasing

↑ • **70%** of protected areas are in ECE West and Russian Federation

↑ • The share is highest in ECE South-East (**37%**) and ECE Central (**16.5%**)

↑ Almost **123** million ha of forests in the **UNECE** region are in protected areas





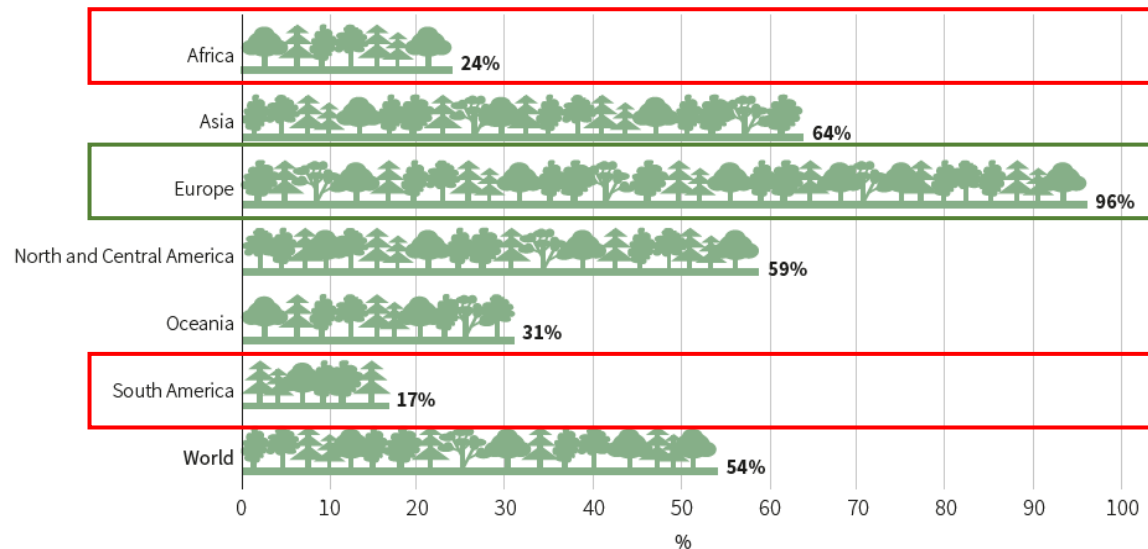
More than 2 billion ha of forest has **management plans**

- More than half of the world's forests are covered by long term management plans

Most of the forests in Europe have these plans
less in Africa and South America

84 % (1.4 billion ha) of forests in UNECE covered by management plans, increased by 65.7 million ha since 1990

Proportion of forest area with long-term management plans, by region, 2020





Certified forest area

- Data directly reported by **FSC** and **PEFC**
- **426 million ha** of forest certified in 2019 (10 percent of global forest area)
- Majority in Europe and North America

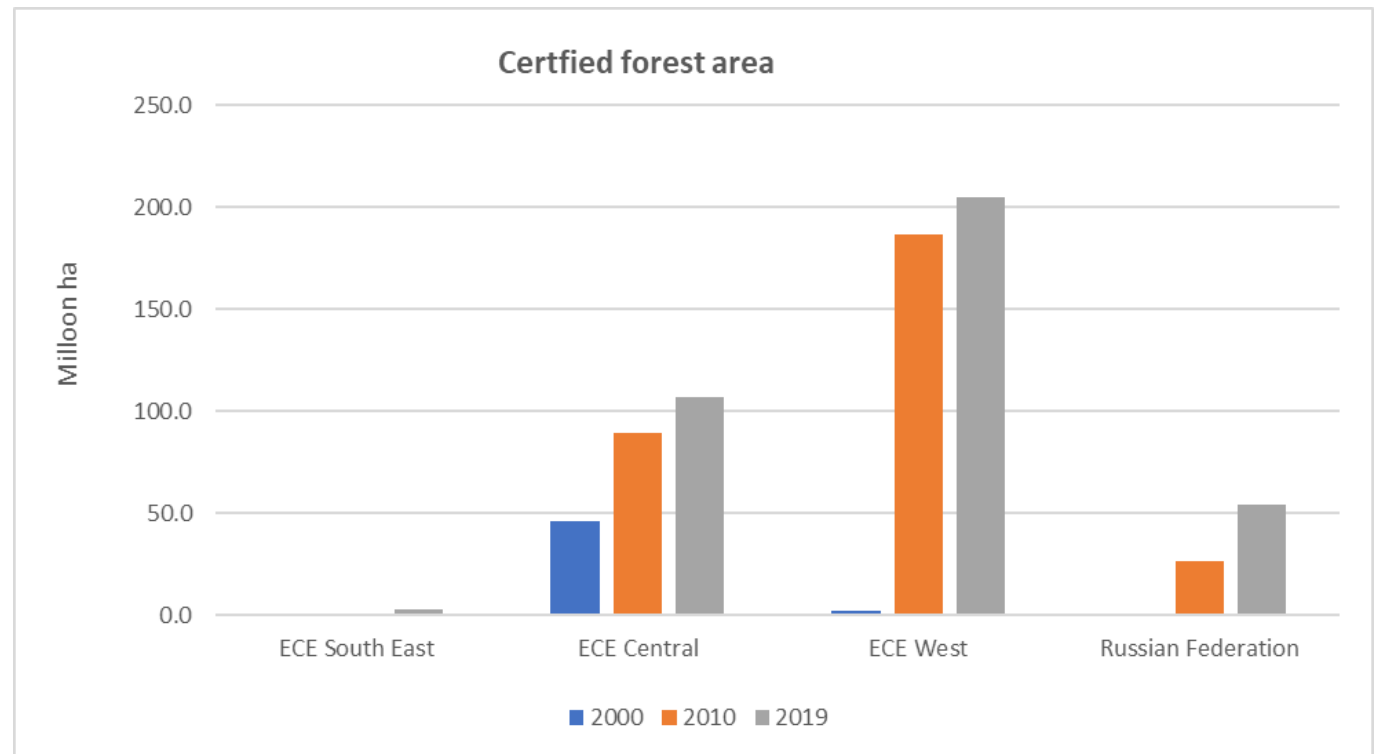
370 million ha in UNECE region, or 20 percent of the total forest area





Between **2010** and **2019** the certified forest area increased in UNECE by **67 million ha**

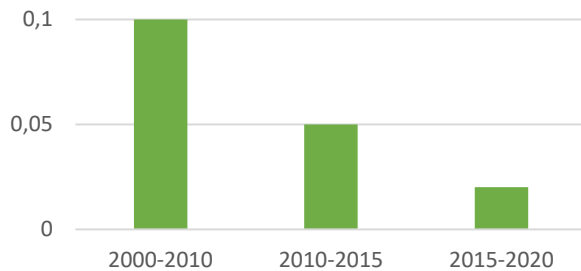
- ECE West reports the highest area of certified forests (over **200 million ha**)
- ECE Central has the highest share, with **53%** of the total forest certified



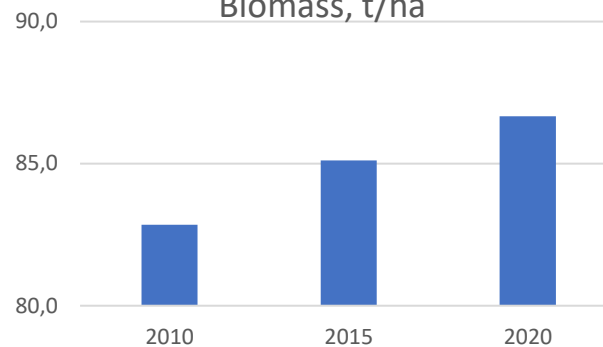


UNECE region - Summary

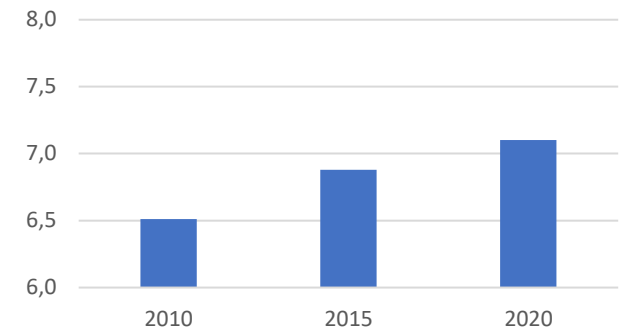
Forest area change rate, %



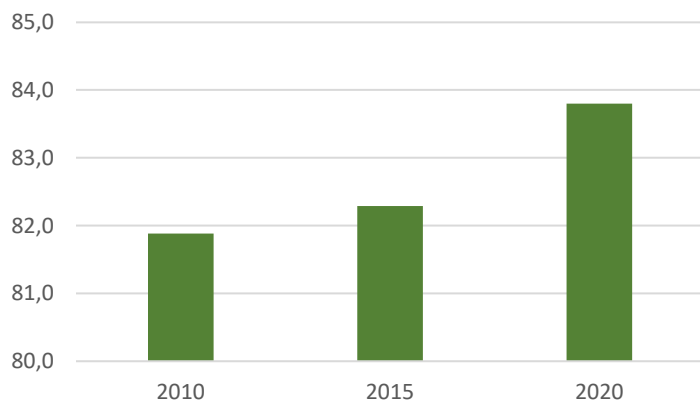
Biomass, t/ha



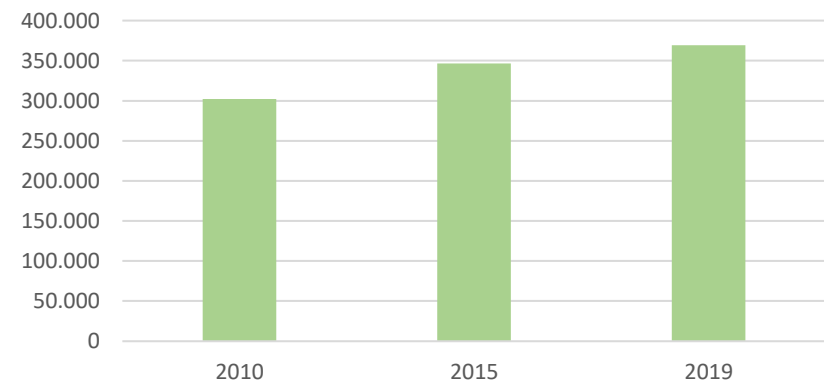
Protection, %



Management plans, %



Certification, 1000 ha





More about Global Forest Resources Assessment 2020 at

<http://www.fao.org/forest-resources-assessment>

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Norway's International Climate and Forest Initiative

