



Promoting Sustainable Wood Use for Carbon Neutral

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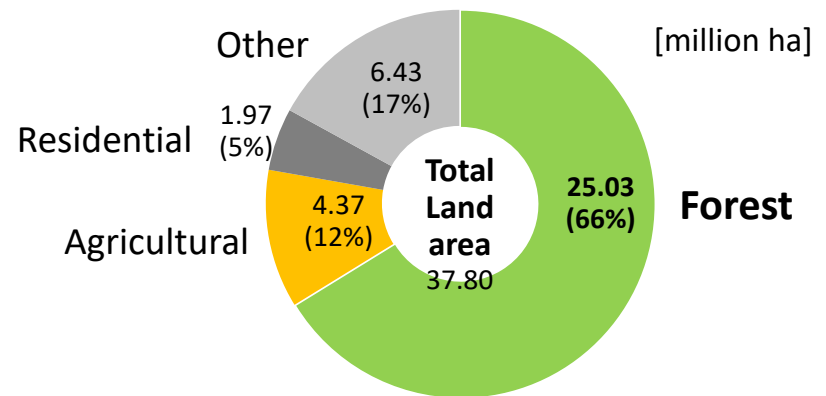


State of Japan's Forests

Forest area (= 2/3 of land area)

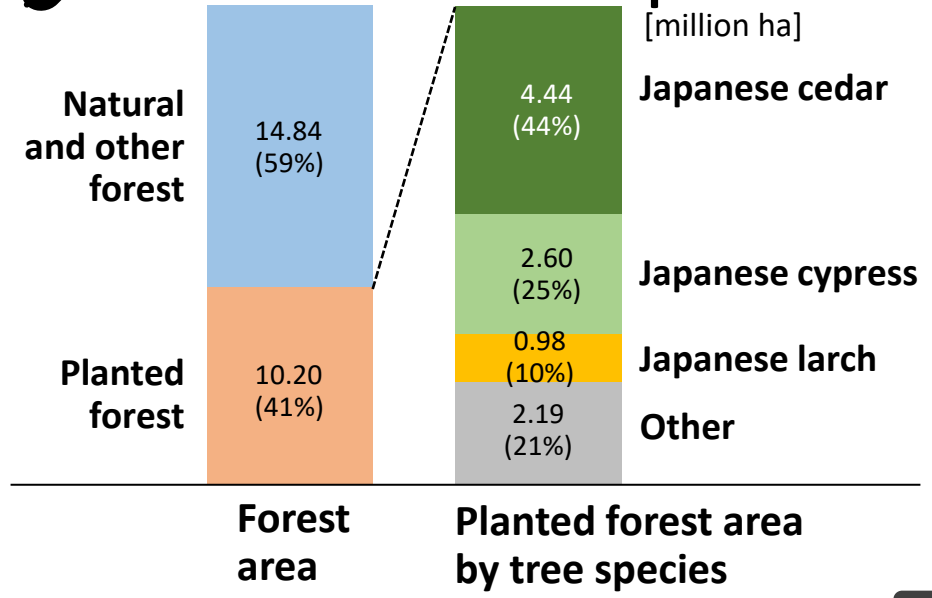


Land use



Source: Ministry of Land, Infrastructure, Transport and Tourism (MLIT)
"White paper on Land 2022" (land area data are of 2020)

Planted forest and its species ratio

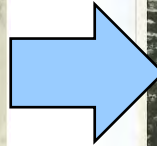


Source: Forestry Agency, MAFF "State of Forest Resources" (As of 31 March 2017)

Reforestation from Over Exploitation



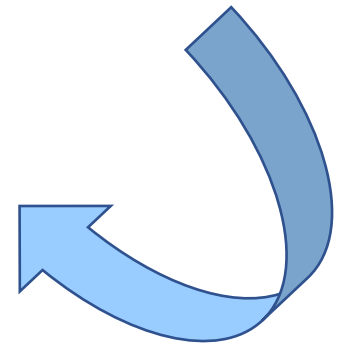
Devastated forests in Shiga prefecture, 1913



Planting effort for erosion control, 1914

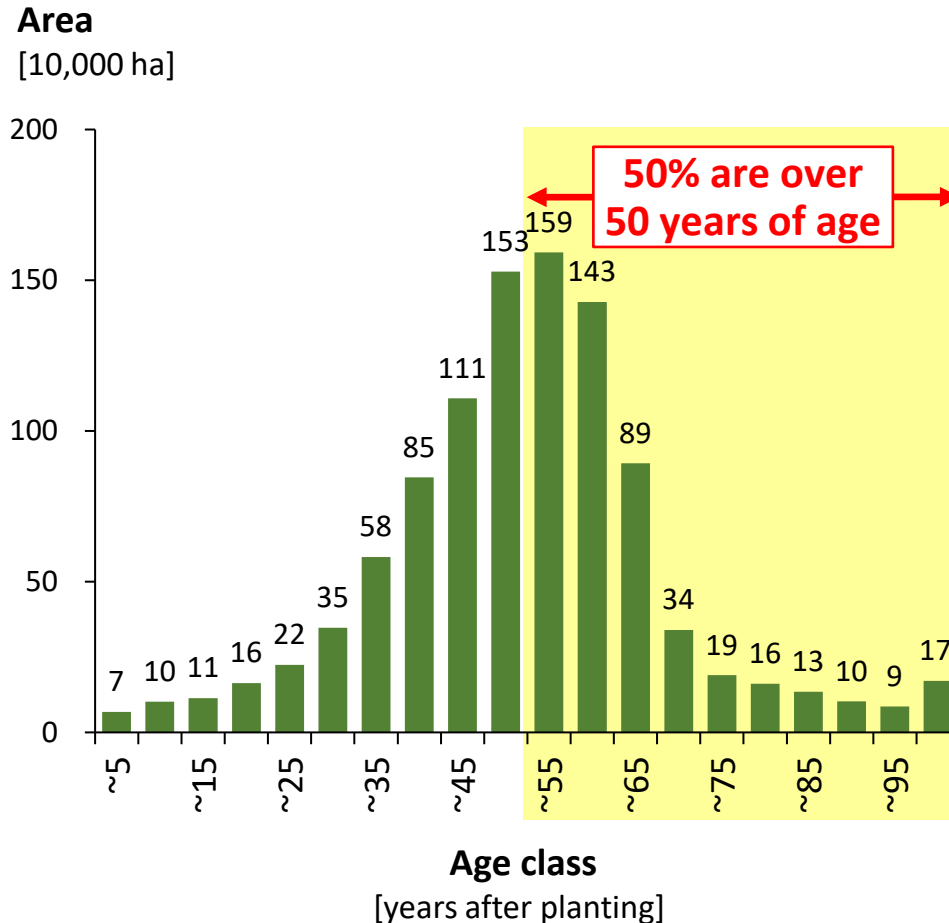


Restored forests, 2018

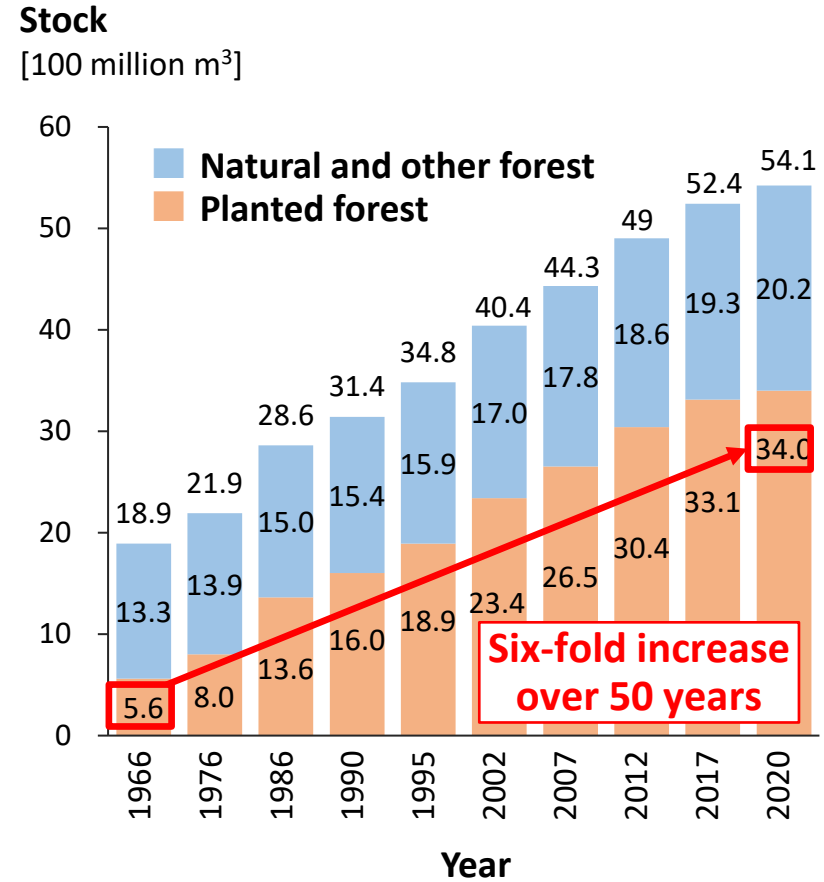


Forest Resources Available for Use

Planted forest age distribution (as of 2017)

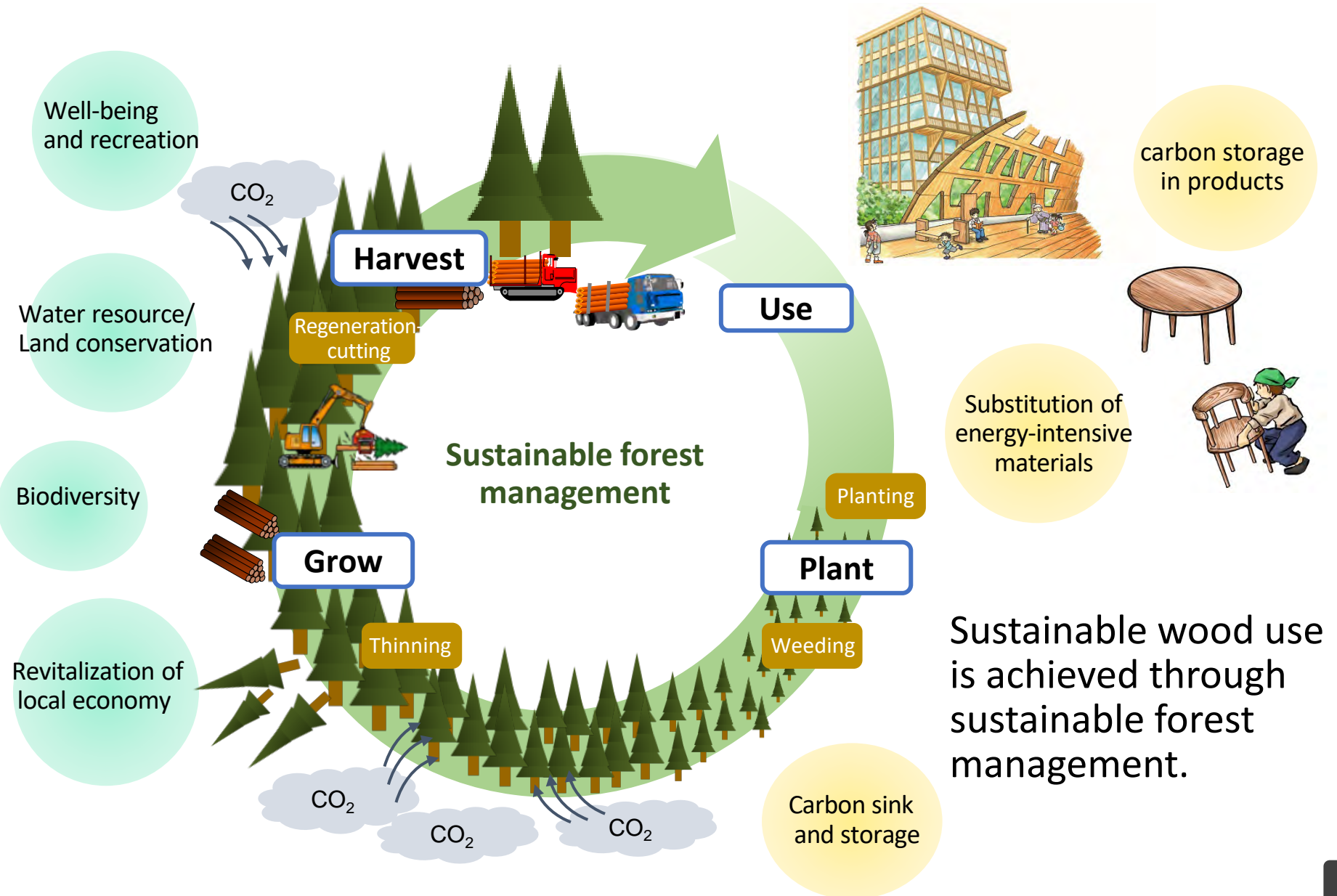


Forest stock



Source: Forestry Agency, MAFF "State of Forest Resources" (As of 31 March 2017)

Sustainable Circular Use of Forest Resources



Measures to Promote Sustainable Wood Use



Legislation to Promote Wooden Construction

Act on Promotion of Wood Use in Buildings to Contribute to the Realization of a Decarbonized Society (2021)

(formerly Act on Promotion of Wood Use in Public Buildings (2010))

- Contribution to net-zero clearly stipulated in the purpose of the Act and its amended title
- Scope expanded to include private buildings
- Provisions introduced for public-private “Agreement on Promoting Wood Use in Buildings”
- “Wood Use Promotion Day” (8 October) and “Wood Use Promotion Month” (October) established
- Wood Use Promotion Headquarters established at the Ministry of Agriculture, Forestry and Fisheries

Example of a public-private Agreement

National or local government

• Plan for wood use

• Technical advice
• Information

Building owner



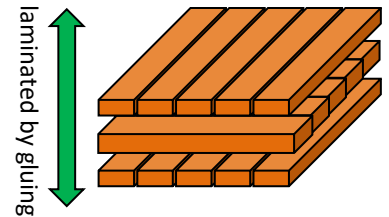
Development of High-performance Structural Wood Products

Promote the development and dissemination of mass timber technologies for mid- to high-rise wooden buildings.



CLT (Cross Laminated Timber)

- CLT can shorten construction time and simplify foundation construction
- Roadmap to promote the use of CLT; technological development in order to expand the CLT use, dissemination of architectural design methods of wooden buildings, etc.



Fire-resistant wood products

- Fire-resistant materials has been developed to unlock potential of high-rise wooden buildings in urban areas.
- 3-hour-long fire-resistant materials enable wooden buildings of any number of stories under the Building Code.



Urban Wood Construction in the Metropolis of Tokyo

One of the world's largest wooden building will be built in the metropolis of Tokyo.



- head office building of a insurance company
- 20-storey, 100m high
- World's largest amount of wood used in construction
- Achieved the highest grade of Platinum precertification in LEED®
- Construction to be completed in 2028

Establishment of Public-Private Partnerships

“The Wood Change Council”, a public-private sector council, was established to promote the use of timber in private buildings.

“Wood Change”: Using **wood** to **change** towards **sustainable society**

- ✓ Change everyday items to wood
- ✓ Incorporate wood into everyday life
- ✓ Building with wood etc.



Source: Wood Change Council

Promotional materials including standard designs of wooden buildings, and the significance and benefits of wood use.

Encourage Lifestyle Change among Consumers

🍃 Award for outstanding wooden products



Promote awareness of wood benefits



moku-iku 🍃 “木育” = Wood Education

Exposing to wooden toys and woodworking from childhood



T TOKYO TOY MUSEUM

Support Sustainable Wood Use as an International Cooperation

Forestry Agency has been supporting **wood use promotional projects** in Viet Nam, Thailand and Indonesia through contribution to ITTO (2021-)



Improvement of
Policy Frameworks



Strengthened Capacity
of the Stakeholders



Assist Wood Use
promotional
Activities





Thank You for Your Attention