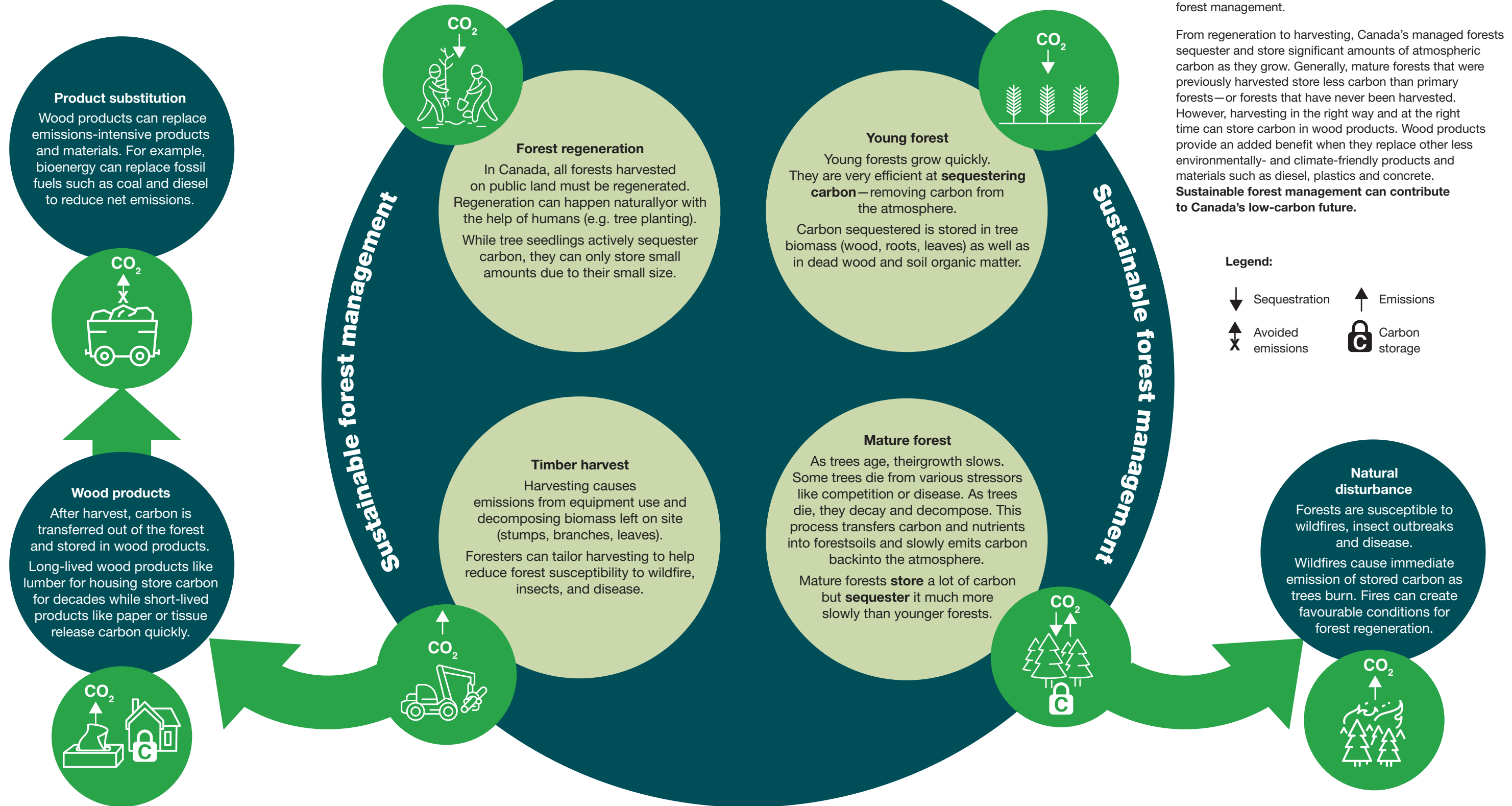


Growing trees and capturing carbon:

How sustainable forest management helps to mitigate climate change



Sustainable forest management aims to maintain and enhance the environmental, social and economic values of forests for the benefit of present and future generations. It involves ensuring a long-term sustainable supply of wood-based products and ecosystem services while conserving biodiversity and protecting forest health. Canadian forests are managed under the guiding principles of sustainable forest management.

From regeneration to harvesting, Canada's managed forests sequester and store significant amounts of atmospheric carbon as they grow. Generally, mature forests that were previously harvested store less carbon than primary forests—or forests that have never been harvested. However, harvesting in the right way and at the right time can store carbon in wood products. Wood products provide an added benefit when they replace other less environmentally- and climate-friendly products and materials such as diesel, plastics and concrete. **Sustainable forest management can contribute to Canada's low-carbon future.**