

HOW CARBON FLOWS THROUGH FORESTS & WOOD

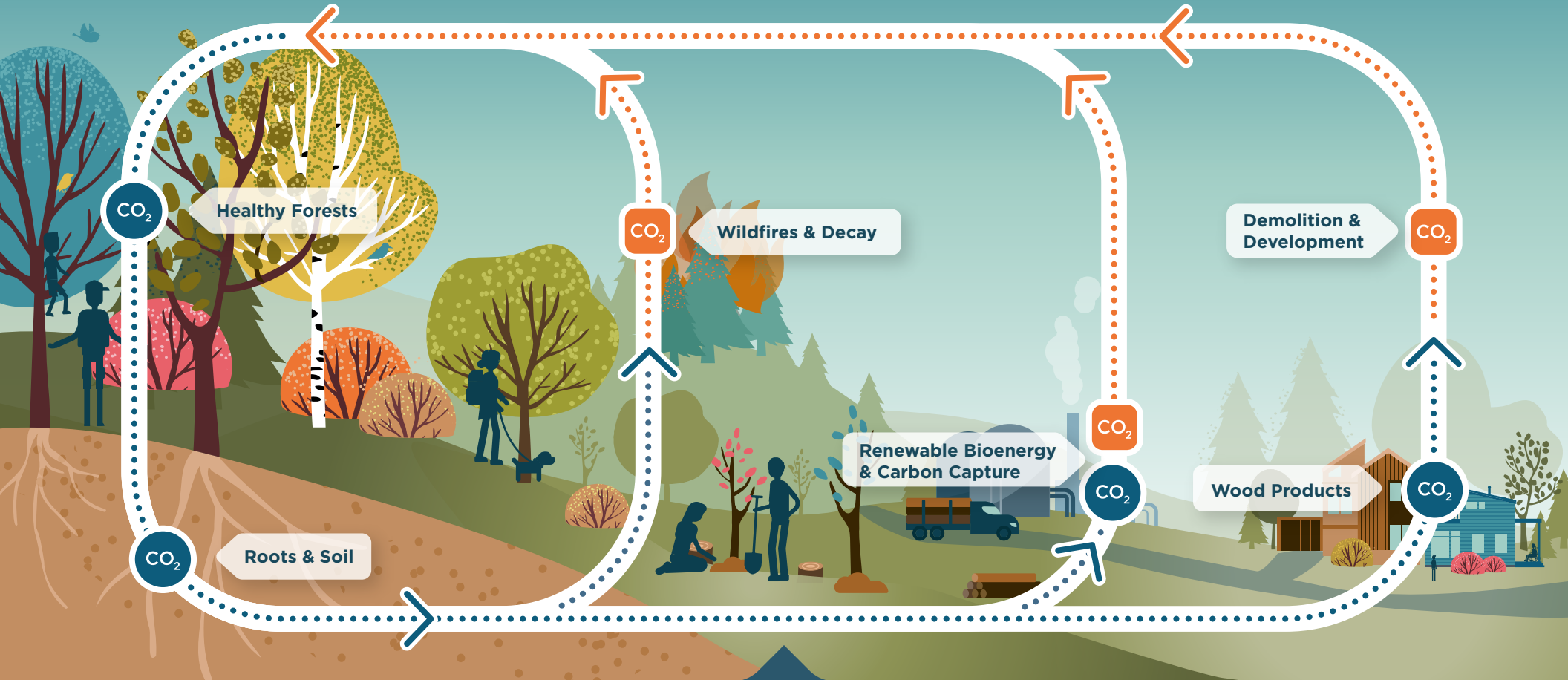
In forests, carbon flows in an ongoing loop: this makes forest products part of a solution to climate change.

IN CONTRAST,
Burning fossil fuels is a
one-way system releasing
carbon into the atmosphere.



 These activities
CAPTURE CARBON

 These activities
RELEASE CARBON



People are stewards for healthy forests
and maximize decarbonization through
our choice of wood products.



Reduce
Wildfires



Plant
Trees



Harvest
Sustainably



Choose Wood
Products

FOREST CARBON CYCLE

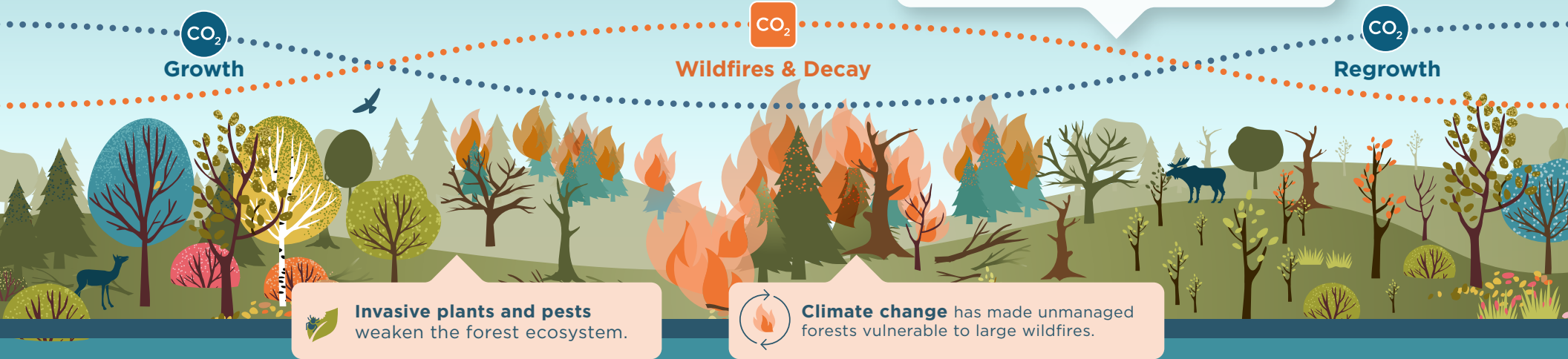
CO₂ These activities CAPTURE CARBON

CO₂ These activities RELEASE CARBON

Healthy forests are complex, dynamic ecosystems and people are helping forests thrive.

UNMANAGED FOREST

All forests follow a natural cycle of carbon capture and release.



SUSTAINABLY MANAGED WORKING FOREST

People are supporting forest health, resilience and carbon capture.



FOREST PRODUCTS & CARBON

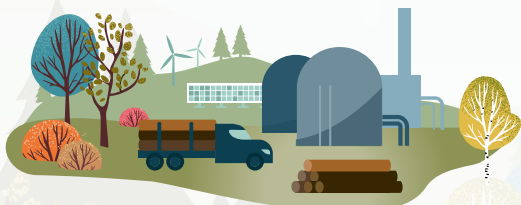
Forests provide a range of products that support global decarbonization.



FOREST PRODUCTS CONTRIBUTION TO DECARBONIZATION:

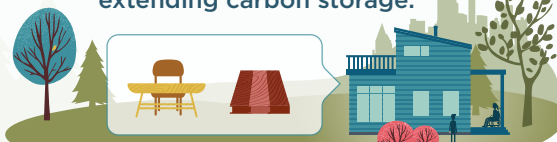
ENERGY SYSTEMS

- Technologies for **carbon capture** further enhance carbon storage.
- Forest biomass is a **renewable resource** that directly and immediately replaces coal.
- Biomass energy is **complementary to solar and wind energy**.
- Harvesting forest biomass **reduces wildfire fuel**.



BUILT ENVIRONMENT

- Wood materials already in your home — like furniture and flooring — **store carbon for decades**.
- Architects and engineers are using wood in new, innovative ways for **commercial construction**.
- Wood products are biodegradable and can **replace other construction materials**.
- Wood products are **deconstructed and reused** extending carbon storage.



CONSUMER PRODUCTS

- Wood fiber is a part of our daily lives and found in over **5000 household items**.
- Wood fiber **replaces plastics** used in packaging and clothing.
- Wood fiber is natural, renewable, and biodegradable.
- Recycling paper and packaging** (already the most recycled products in the world) extend carbon storage.



“In the long-term, a sustainable forest management strategy aimed at maintaining or increasing forest carbon stocks, while producing an annual sustained yield of timber, fiber, or energy from the forest, will generate the largest sustained mitigation benefit.”

Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report