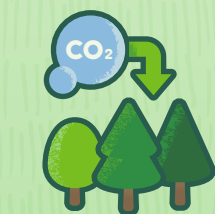


Forests as Climate Solutions

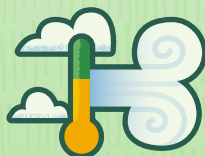
FSC is a global leader in developing sustainable forestry tools and standards through forest certification. FSC Canada is working to understand how managed forests and FSC's tools can play a role in addressing climate change and biodiversity loss, while working with Indigenous communities and local economies.

Background: forests are natural climate solutions

Forests are a powerful natural solution to climate change: they balance the complex systems that sustain life.



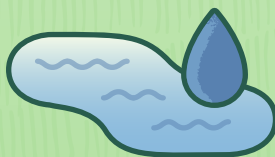
Carbon sinks



Regulating air temperature



Providing habitats for species



Cleaning water



Natural climate solutions can contribute up to **37%** of the global emissions reductions required to keep global temperature increases below 2.0 degrees¹



Approximately **two-thirds** of this reduction could be achieved by storing carbon in forests.

Our Goals



Strengthen the capacity of certificate holders and communities to adapt to and respond effectively to climate change impacts.



Maintain and enhance carbon storage in FSC-certified forests while promoting resilient, healthy forest ecosystems.



Advance nature finance solutions that benefit communities and incentivize certificate holders to implement climate-smart forestry practices.

The Approach

GATHERING EXPERTISE

FSC has convened collaborators across the country to gather information and understand leading practices in climate smart forestry:



RESEARCHING BEST PRACTICES & EMBRACING INNOVATION

- Partnering with experts.
- Exploring opportunities for nature finance, connecting businesses & forest managers through FSC's Verified Impact tool to help foresters improve ecosystem services & support credible ESG practices & claims.
- Using "remote sensing" technologies such as drones and LiDAR to evaluate forest carbon management practices.

DEVELOPING FORESTRY LEADERSHIP

- Working with certificate holders to promote, conserve & improve ecosystem services in their forests.
- Understanding the strengths of, and opportunities to promote, Climate Vulnerability Assessments for managed forests.

AMPLIFYING INDIGENOUS KNOWLEDGE & PRACTICES

- Learning how Indigenous ecological knowledge and fire management practices could support more resilient and thriving forests.



¹ Griscom, B. W., et al. 2017. "Natural Climate Solutions." Proceedings of the National Academy of Sciences 114 (44): 11645–50. doi:10.1073/pnas.1710465114.