

# Should we store carbon in wood?

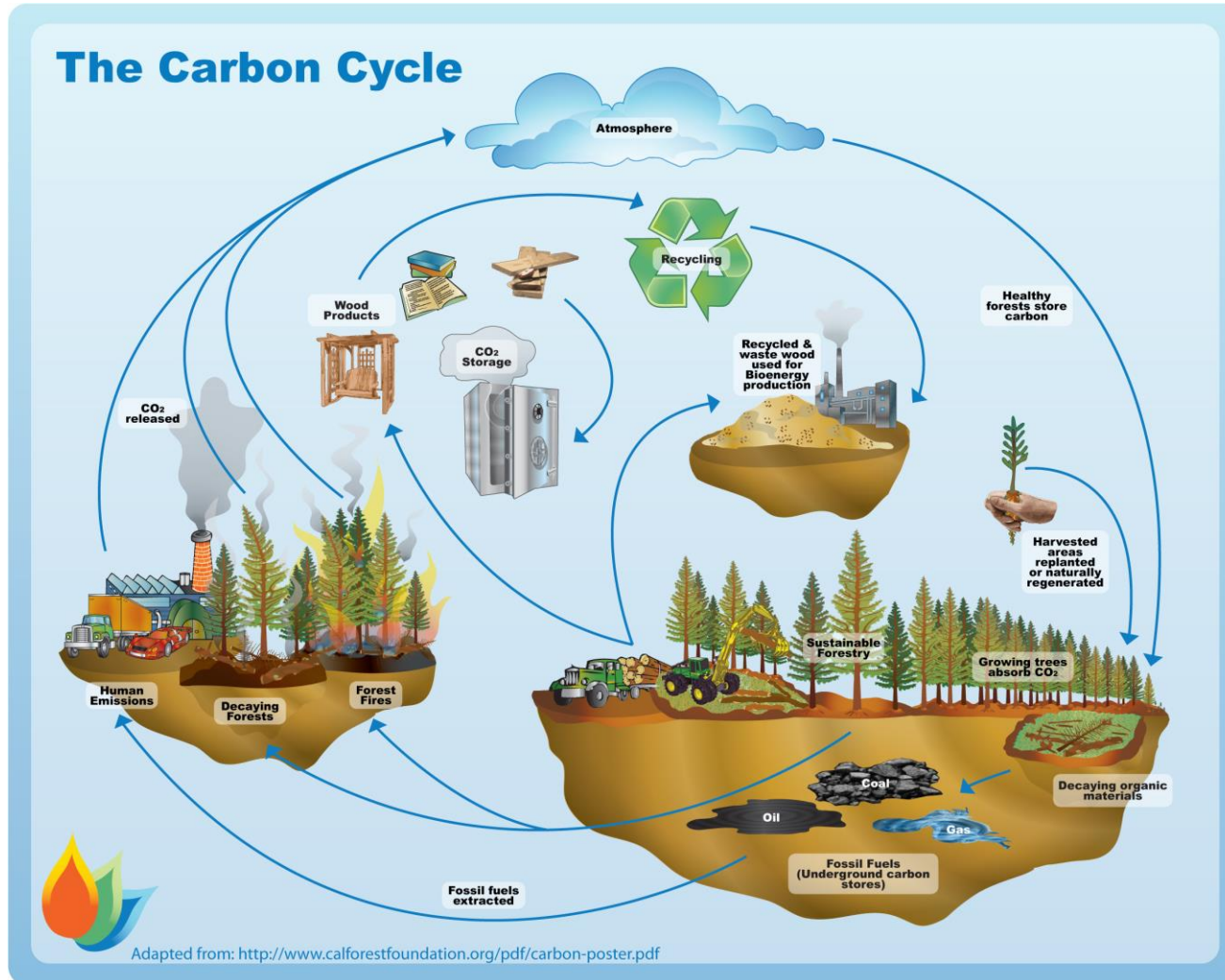
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Presented by: Dr. Melanie Blumentritt



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# The Carbon Cycle

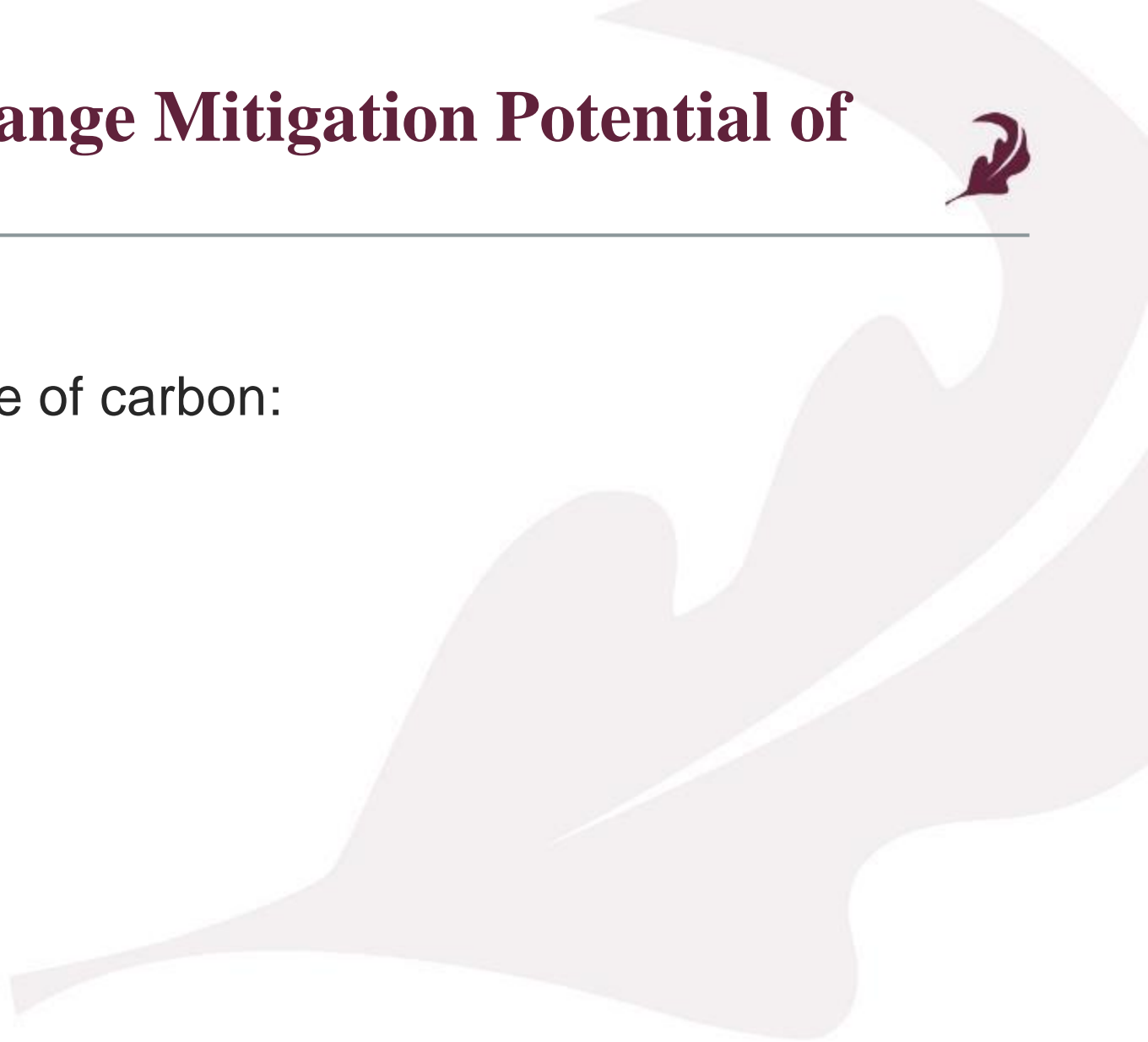


# Climate Change Mitigation Potential of Wood Use

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Saving/ storage of carbon:



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Saving/ storage of carbon:

1. in **Products**



# Climate Change Mitigation Potential of Wood Use

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Saving/ storage of carbon:

1. in **Products**
2. by **Substitution**
  - a. less fossil fuel consumption in manufacturing
  - b. avoided process emissions
  - c. avoided fossil fuel emissions due to biofuel substitution



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3. at the **End of Life**



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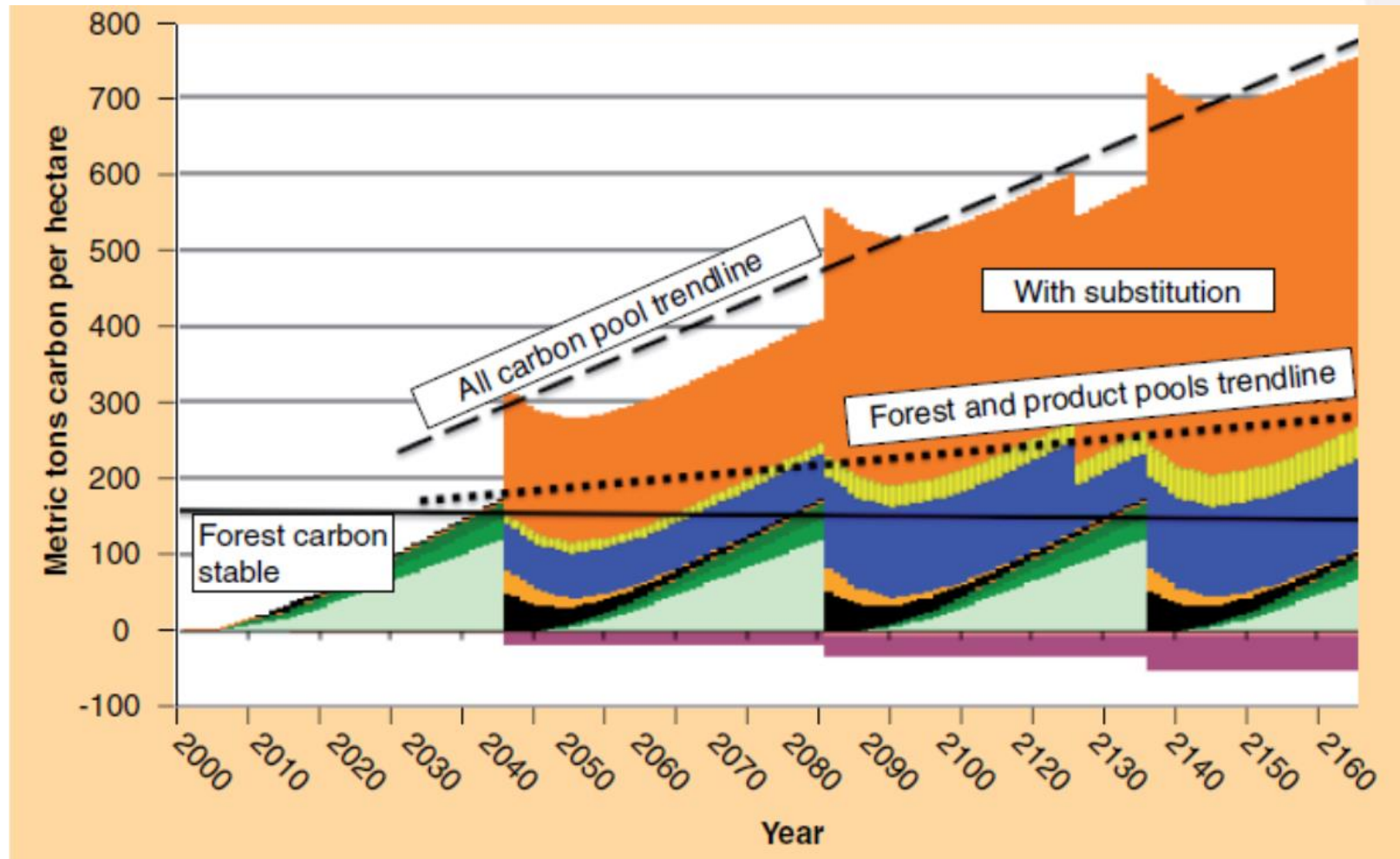


Saving/ storage of carbon:

1. in **Products**
2. by **Substitution**
  - a. less fossil fuel consumption in manufacturing
  - b. avoided process emissions
  - c. avoided fossil fuel emissions due to biofuel substitution
3. at the **End of Life**
4. in the **Forest**

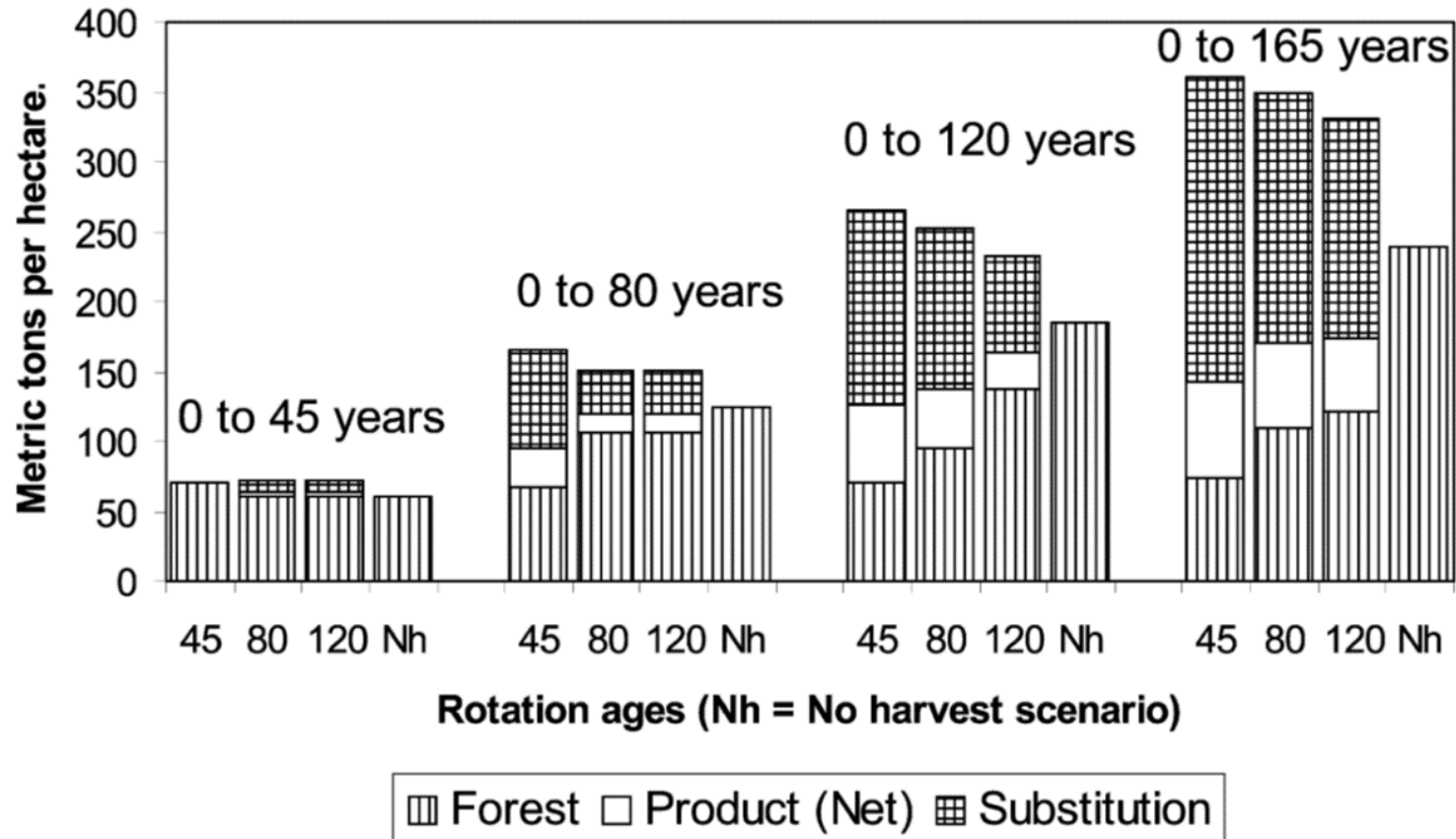


# All Carbon Pools Over Time





# Average annual carbon pools for different rotations and specified intervals





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# Should we store carbon in wood?





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Should we store carbon in wood?

**Yes,  
we should save carbon by using wood!**



Dankie  
Thank you  
Enkosi



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# Selected References

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