



Canfor Pulp

It Takes a Village to Raise a Next-Gen Advanced Biofuel...

but every once in while, a new technology, mature industries
and a big idea turn into innovation



Advanced Bio Products – The Challenges



- Feedstock ●
- Technology ●
- Infrastructure ●
- Off-take ● ●
- Financing ●
- Policy ●



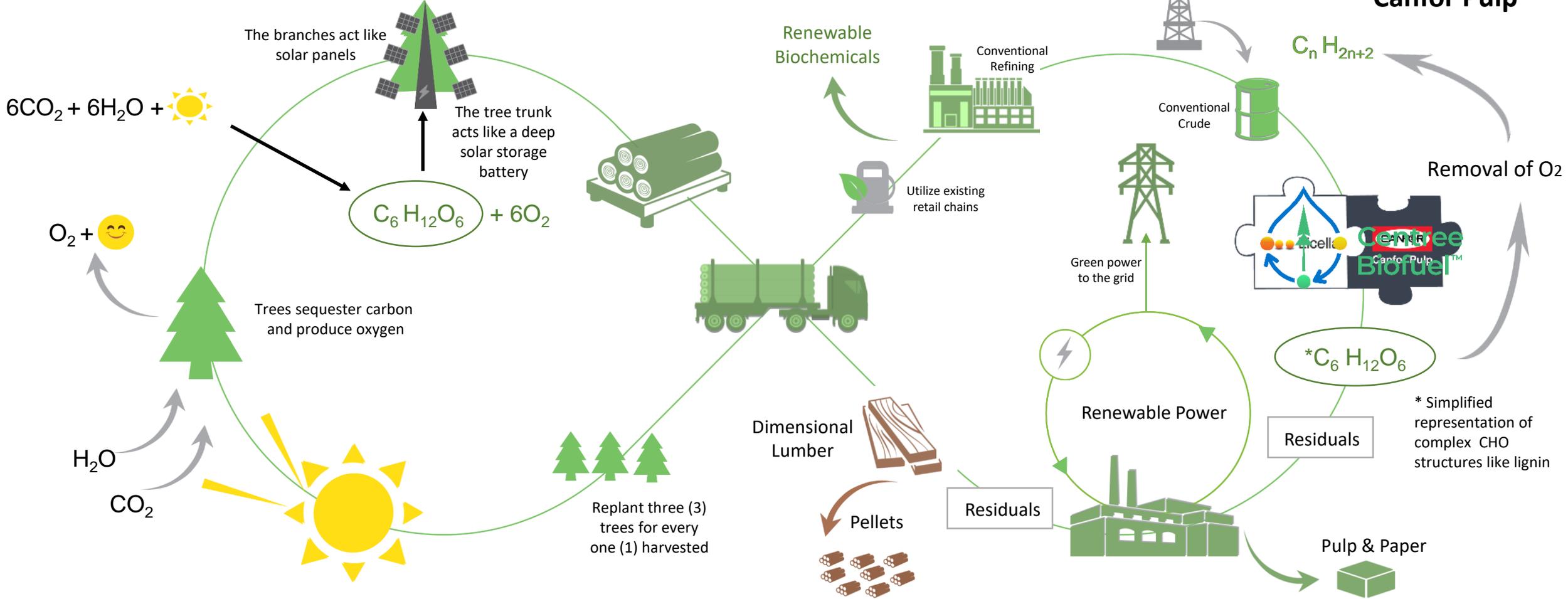
sus-tain-abil-i-ty: of, relating to, or being a method of harvesting or using a resource so that the resource is not depleted or permanently damaged
Merriam Webster's Dictionary

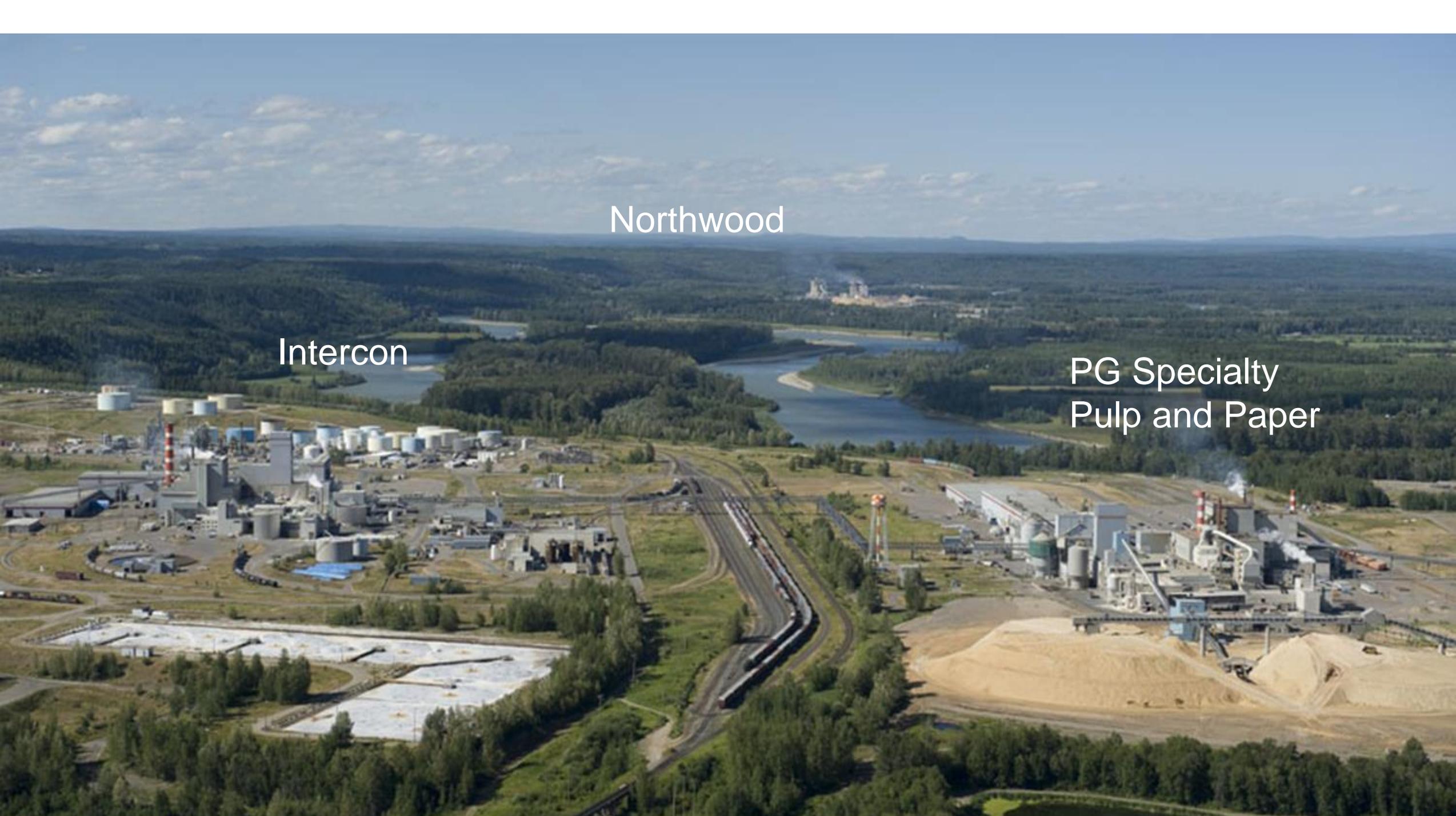
THE INFINITE LOOP

"More Value, Less Impact"



Canfor Pulp



An aerial photograph showing two large industrial complexes in Northwood, Tennessee. The Intercon facility is on the left, featuring numerous white storage tanks and a complex of buildings. The PG Specialty Pulp and Paper mill is on the right, with large piles of wood chips and a tall distillation column. A winding river flows through the center, and a multi-lane highway with a train on tracks runs parallel to it. The background shows a vast forested area under a blue sky with scattered clouds.

Northwood

Intercon

PG Specialty
Pulp and Paper









Cautious and Disciplined Approach to Scaling-Up

Proven Platform - A\$75M Invested 2008-18

January 2008 - established engineering team and commissioned Small Pilot Plant (SPP)

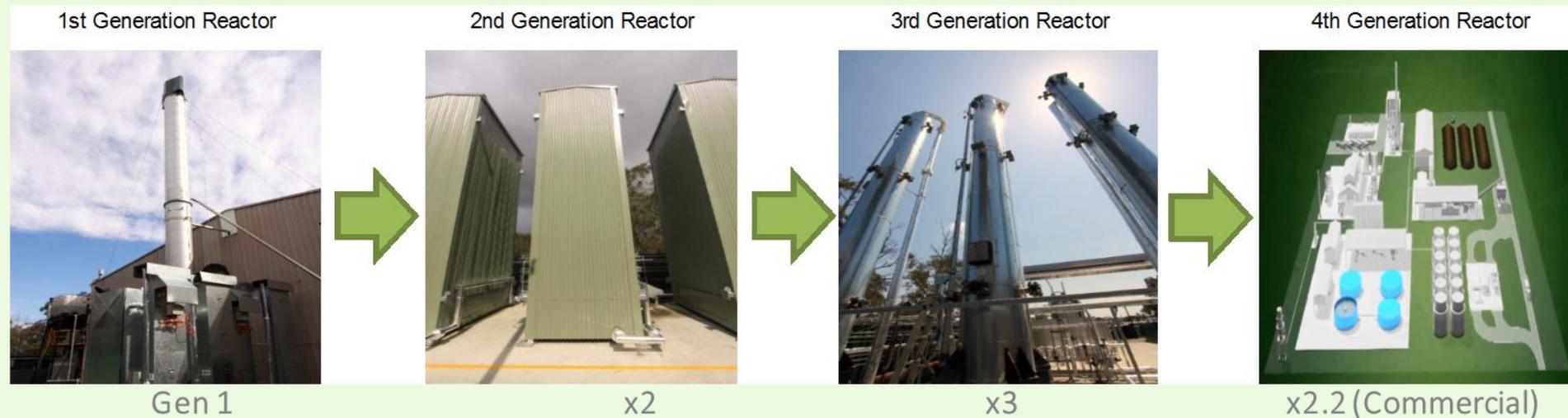
✓ SPP Gen 1 reactor extensively tested the conversion of lignite into syncrude & upgraded coal, and the transformation of biomass into bio-crude

December 2011 - following the success of the SPP, constructed the Large Pilot Plant (LPP)

May 2012 - after the completion of an array of successful trials using the LPP's Gen 2 reactors, installed and commissioned three Gen 3 reactors, that were significantly larger than Gen 2 reactors

Sept 2017 - modifications completed to extend run for 5-days

2019 – modification to include primary product upgrading to suit specifications of refinery partner – finalize commercial plant design



WHAT IS THE OPPORTUNITY FOR CANADA?

-  Diversifies our energy sector
-  **Increases focus on green energy industry in legacy business**
-  Highlights innovation and improves the Canadian energy and forestry brand
-  **Creates jobs in emerging green industry**
-  Completes the highest value proposition for our forests while supporting existing high value business

