

OVERVIEW FOR THE LHEIDLI T'ENNEH FIRST NATION

# Arbios Biotech's Proposed Biomass to Low Carbon Biofuel Plant in Prince George



\*Canfor is a minority partner in Arbios



## About Arbios

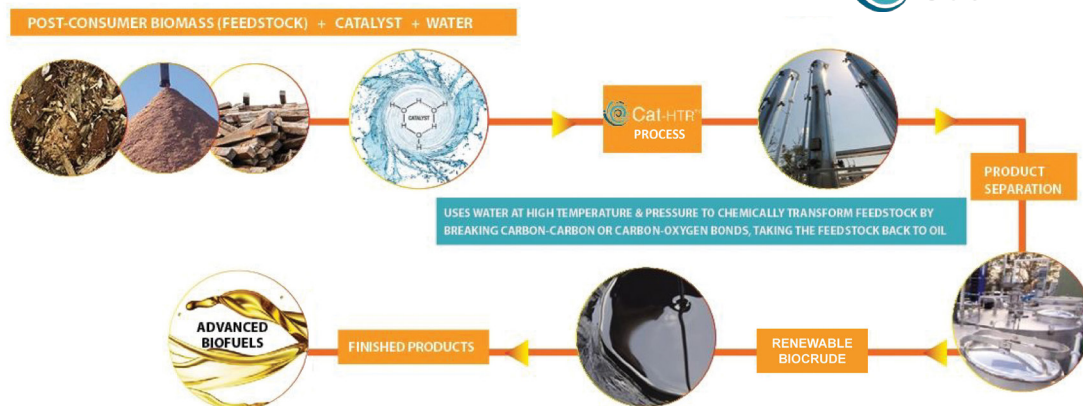
**Arbios Biotech** is a joint venture between industry leaders, Licella Holdings and Canfor, with a vision to provide **low-carbon biofuel solutions** around the world.

Arbios will use Licella's innovative, first-of-kind technology to **convert wood biomass (primarily bark) and residues into high-value, sustainable low carbon products, including advanced biofuels**. Made from renewable, organic waste materials, bio oil has an 80% lower carbon intensity than fossil fuel based oil and can be further processed by conventional refineries to produce **low carbon transportation fuels**.

## Our Mission

*To collaboratively provide a circular economy solution for recovered resource and post-consumer biomass, to enable the production of high-value, sustainable carbon-based products, including advanced biofuels.*

## Our Technology



Cat-HTR is world-leading technology that uses heat, pressure and water to break up waste wood biomass and turn it into a low carbon bio oil. As the next-generation of advanced recycling, it takes a process requiring millions of years in nature and drastically shrinks the time – to approximately 20 minutes – to convert woody waste biomass into a renewable and sustainable source of cleaner energy.

Cat-HTR technology has been developed over the past 13 years and we are now at the stage to apply it on a commercial scale to produce more sustainable products our world wants and needs.



## Proposed Location

Arbios is excited to be pursuing a commercial facility to demonstrate the Cat-HTR technology in Prince George. The preferred location is in a small corner (about 5%) of Canfor's Intercontinental Pulp Mill site – an existing industrial site. Regardless of the shared site, Arbios remains a separate company to Canfor and the Arbios facility would operate independently from the pulp mill.



## Working Together with Lheidli T'enneh First Nation

We are committed to building a strong working relationship with Lheidli T'enneh First Nation. Arbios has introduced the proposed project to the Lheidli T'enneh First Nations' Administration and its representatives.

Arbios, Lheidli T'enneh Natural Resources team, and LTN Environmental Consulting are **working together** at this early stage of the project to look at environmental aspects and **ensure the Nation's values are respected and protected**.

Lheidli T'enneh First Nations' Administration is working with Arbios to see how the values of the Project align with its own and how the Nation would like to **participate**.

These are very early stages for the project, and we expect to communicate more as the preparation for the Project progresses and our joint work becomes more detailed.



## Reducing Waste, Not Natural Resources

Where others see waste, we see valuable resources.

Every day, biomass is burned or buried, creating significant greenhouse gas emissions and wasting potential carbon resources.

The combination of landfill avoidance and the production of low carbon and renewable transportation fuels will contribute positively to achieving ambitious emission reduction targets around the world and reduce society's reliance on fossil resources.