



PanAm Carbon and Prairie Clean Energy Forge Path for Agricultural Waste Upcycling in Saskatchewan

Calgary, June 13, 2024 – PanAm Carbon is pleased to announce the signing of a non-binding memorandum of understanding (MOU) to establish a strategic relationship with Prairie Clean Energy (PCE) that will advance our ground-breaking agricultural waste upcycling project located in Wolseley, Saskatchewan (“Wolseley Pyrolysis Project”) by securing a consistent supply of flax straw pellets and purchaser for biochar.

PanAm Carbon’s project, situated in the heart of Saskatchewan, utilizes advanced pyrolysis technology that converts hard-to-recycle waste into valuable commodities such as biochar, bio-oil, syngas, activated charcoal, and bio-water. Paul Franch, Chairman of PanAm Carbon, elaborates on the project's significance: “Agriculture is a cornerstone of Saskatchewan's economy. At PanAm Carbon, we are collaborating with local agricultural sectors to not only bolster the rural economy but also transform agricultural waste by-products into renewable and circular fuels and materials that can then be reintegrated into the agricultural sector and beyond, enhancing sustainability and reducing waste.”

“It’s an exciting opportunity,” states Prairie Clean Energy President and CEO, Mark Cooper, “to further our mission of sustainability.” Saskatchewan-based PCE is well known for their flax straw pellets. The company purchases flax straw from farmers across the prairies and turns it into low-carbon solutions for a variety of industries using their dual-patent-pending process. “We’re thrilled that PanAm Carbon will utilize our secure, renewable, and sustainable flax straw pellets to help fuel the Wolseley Pyrolysis Project.”

Under the terms of the MOU, Prairie Clean Energy will supply PanAm Carbon with at least 350 tonnes of flax straw pellets per month. Flax straw, often burned or discarded by farmers as a waste product, is now set to be a key raw material in PanAm Carbon’s innovative facility.

“The community response and support for choosing Wolseley as the location for PanAm Carbon’s first project has been fantastic. Our collaboration with Prairie Clean Energy is foundational in ensuring the rapid success of the Wolseley Pyrolysis Project by providing high-quality, densified flax straw pellets that will eliminate a conversion step in our production process. This will enable us to maintain a reliable feedstock supply for continuous and efficient operations to maximize both our environmental and economic returns,” said Carlo Plava, PanAm Carbon’s Chief Sales and Marketing Officer. In addition

to the flax straw supply, Prairie Clean Energy has agreed to purchase all biochar produced at the Wolseley Pyrolysis Project facility, further integrating our operational ecosystems.

Gerald Hill, Mayor of Wolseley, Saskatchewan, commented that: “The Wolseley Pyrolysis Project represents a leap forward for our community and for sustainable technology in Saskatchewan. PanAm Carbon and Prairie Clean Energy's groundbreaking work in agricultural waste upcycling is doing more than forging new value chains that benefit local producers; they are creating jobs and promoting a sustainable future for all of us in

Saskatchewan. We are proud to support PanAm Carbon and Prairie Clean Energy in this venture, and are confident it will bring both economic growth and environmental benefits to our region.”

“By turning waste into value, we look forward to contributing to the region's and province's economy and spearheading the development of next-generation agricultural waste upcycling facilities in the community,” said Franch. “Our aim is to commence production this fall, positioning PanAm Carbon, Prairie Clean Energy and the Saskatchewan communities of Wolseley and Regina as leading players in the renewable materials market.”

About PanAm Carbon

PanAm Carbon implements projects that utilize advanced technologies to upscale waste and convert greenhouse gas (GHG) emissions into clean energy and high-value products. Our projects enable partners and customers to achieve their decarbonization and clean energy goals profitably.

About Prairie Clean Energy

Prairie Clean Energy is a Saskatchewan-based cleantech company that turns agricultural waste and residue into a fully sustainable, renewable, superabundant, and environmentally responsible feedstock for the bioeconomy.

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