

## **Global Hemp Group has Entered into a Technology Development Contract to Develop the World's First Hemp Biocomposite Drone for Commercial Agricultural Monitoring**

Vancouver, BC -- (July 18, 2019) -- **GLOBAL HEMP GROUP INC. ("GHG" or the "Company") (CSE: GHG / OTC: GBHPF / FRANKFURT: GHG)** is pleased to announce that it has entered into a Technology Development Agreement with [Q Worx LLC](#) ("QWorx") to develop the world's first commercial hemp biocomposite (H-Fiber) drone specifically designed to monitor large scale cultivations, initially focusing on hemp. All on-field beta testing of the drone will be conducted at the Company's JV hemp farm in Scio, Oregon.



Field Agent prototype

Qworx, in association with [FPV Militia](#), has developed a line of H-Fiber First Person View drones for competitive racing, freestyle and cinematic use. The agreement, for the development of an agricultural monitoring drone dubbed the "Field Agent", is for a next generation drone that will be capable of monitoring various aspects of hemp cultivation on the farm.

The Field Agent is being constructed out of industrial hemp composites, making this drone stronger than similar models currently on the market made out of carbon fibre. It is non-conductive, made from renewable source materials, and has improved end of use recyclability. In addition, due to the nature of carbon fiber conductance, carbon fiber itself causes major radio frequency interference which can lead to signal degradation and drop out, which can lead to GPS satellite loss, as well as loss in video quality. Using hemp composites have completely eliminated these issues resulting in a far superior flight. The drone will be complete

with a custom software platform which will enable the user to preprogram exact flight paths, altitudes and missions, allowing the user to fully automate the drone.

The Field Agent will reduce labour costs as it will reduce the need for team members to walk the field to monitor each plant for sufficient water, nutrients and to identify male plants that need to be culled. The Field Agent will be equipped with multiple cameras to identify potential disease and will connect to sensors strategically placed throughout the field to collect water saturation, soil temperature, nutrient content, among other data. API's are being developed to interface with Agri-Analytics systems to collect and analyze data that can be used to optimize crop production.

Further research with the Field Agent project will be to identify male plants and hermaphrodites that must be culled prior to pollination of the female plants, so as to maintain the highest level of cannabinoid production from the plants, with the ultimate goal of using the drone to also cull the male plants once identified.

QWorx expects to have a working prototype ready to begin beta testing within in 30 to 45 days. Upon successful completion of the on-farm testing, GHG and QWorx will explore manufacturing and marketing of the Field Agent.

GHG and QWorx are in discussions regarding the development of other H-Fiber products in addition to the Field Agent project. With the legalization of hemp in the United States, Research & Development into the use of hemp biocomposites is ramping up. H-Fiber will undoubtedly be utilized as a replacement for carbon or glass fiber in a myriad of commercial applications as a result of this R&D.

In addition, GHG subsidiary, Covered Bridge Acres ("CBA") has entered into an exclusive supply contract with Q Worx to provide all of the hemp fiber required to develop and manufacture the Field Agent. This relationship furthers GHG's efforts to develop a "whole plant processing" model. While cannabinoids are extracted from the flowers and leaves, GHG's Hemp Agro-Industrial Zone model was designed for whole plant processing, to not only extract cannabinoids, but to also process the straw, root and grain into additional value-added sustainable products that are higher quality and longer lasting than the petrochemical based products currently on the market.

## **Instagram**



Follow the development of the Scio Oregon Hemp Project on Instagram @hemp\_global

## **About Global Hemp Group Inc.**

Global Hemp Group Inc. (CSE: GHG) (OTC: GBHPF) (FRANKFURT: GHG), is focused on a multi-

phased strategy to build a strong presence in the industrial hemp industry in both Canada and the United States. The Company is headquartered in Vancouver, British Columbia, with hemp cultivation operations in New Brunswick and Oregon. The first phase of this strategy is to develop hemp cultivation with the objective of extracting cannabinoids (CBD, CBG, CBN & CBC) and creating a near term revenue stream that will allow the Company to expand and develop successive phases of the strategy. The second phase of the plan will focus on the development of value-added industrial hemp products utilizing the processing of the whole hemp plant, as envisioned in the Company's Hemp Agro-Industrial Zone (HAIZ) strategy.

#### **About QWorx LLC**

Q Worx LLC is a small engineering firm with very large ambitions. Having a combined experience of 25 years in prototyping and engineering, Q Worx is focused the development of a multitude of products utilizing hemp as the ultimate material used in the manufacturing process. Our Vision is to take hemp production beyond its current limited uses and create a market demand for all of the hemp "waste" material that is typically burned or discarded, finding innovative ways to use 100% of the plant.

#### **Cautionary Note Regarding Forward Looking Statements**

*Certain information set forth in this news release may contain forward-looking statements that involve substantial known and unknown risks and uncertainties. These forward-looking statements are subject to numerous risks and uncertainties, certain of which are beyond the control of Global Hemp Group Inc., including, but not limited to the impact of general economic conditions, industry conditions, volatility of commodity prices, currency fluctuations, dependence upon regulatory approvals, the availability of future financing and exploration risk, the legality of cannabis and hemp. Readers are cautioned that the assumptions used in the preparation of such information, although considered reasonable at the time of preparation, may prove to be imprecise and, as such, undue reliance should not be placed on forward-looking statements. Except as required by law, Global Hemp Group Inc. disclaims any intention and assumes no obligation to update or revise any forward looking statements to reflect actual results, whether as a result of new information, future events, changes in assumptions, changes in factors affecting such forward looking statements or otherwise.*

*The CSE has not reviewed and does not accept responsibility for the adequacy or accuracy of this release.*

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