

## AN ABSTRACT OF MY INNOVATION FOR THE SUSTAINABLE PALM OIL DIALOGUE FOR OCTOBER 2022

My innovation is based on the fact that we at NICOLIPA PALM PLANTATION tries to demonstrate how you can increase your oil production without increasing your palm plantation as well as increase your income without necessarily increase you planted area through an locally fabricated motor bike efficient oil press.

Our innovation is based on showcasing the use of a motor bike engine and a 20 ton hydraulic jack to effectively and efficiently press oil from palms nuts.

Some of the problem we try to solve includes the following:

Our machine is locally made and is portable and works efficiently and it is affordable and consume less fuel and it is user friendly to any subsistent farmer.

By having our machine in the palm plantation, it could be operated only by 2 persons maximum there by reducing production cost by cutting down on labour cost, cut down on travelling cost of the subsistent farmer to major big mills, the amount of loss nuts that are misplaced during transportation is reduced as production takes place in individual farms and this has a direct impact on the higher oil yield as all harvested nuts are processed.

By using a manual hydraulic press, all available oil is squeezed from each nut and this hydraulic jack is also mobile.

Our innovation is unique and could be easily replicated all over the world and with little effort as it takes less effort to afford one and maintenance is affordable as we use motor bike spare parts to fix anything that gets bad

If selected, we are willing to fly a prototype of our motor bike machine to show the world and all those into oil production that production can be cost efficient and effective during innovation fair at the Sustainable Palm Oil Dialogue on 20<sup>th</sup> October, 2022

We will send you a video through your WhatsApp address.

You can also showcase my innovation on the Sustainable Palm Oil Choice website.