

Drones for good

action: Drone Aide

Of all the technological innovations that have emerged in recent years, UAV's (unmanned aerial vehicles) or drones, are probably one of the most well-known and exciting. Regrettably, much of the publicity surrounding the machines to date has focused primarily on their military applications ignoring the numerous other ways drones are being adapted to benefit society.

How will drones positively impact life on land on a global scale? Can you investigate their social, environmental and economic impact? What are the legal implications of their widening use?

GLOBAL CHALLENGE

Our global challenge is called Drones for good. Most of our group were not very certain about drones so this was very interesting for some of us. We realised after meeting with our expert that drones can be useful for many things. We wanted to relate them to the global pandemic with Covid-19. Drones can be very useful during this pandemic.

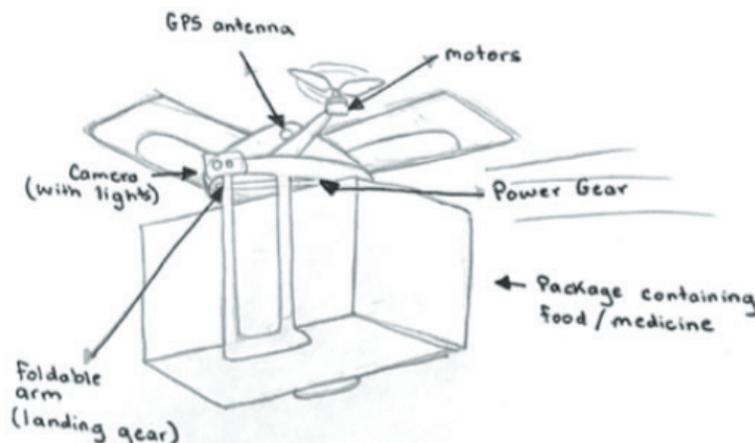
We can use drones to deliver food and medicine for people who have a high risk of being infected. These people should be staying home and helping to lower the number of cases as we all should be. Unfortunately, it is difficult for them to receive the goods they need while distancing themselves from other people.

A solution to this issue could be using drones to deliver essential items such as food and medical supplies to people who have a high risk of being infected with Covid-19.

LOCAL ACTION

For our action we decided to come up with a company. This company is called Drone Aide. Drone Aide delivers food and medical supplies to people with compromised immune systems using drones.

High risk people should not be going outside to get their food and medical supplies. We as a community should be helping them. So as a group and with help from our expert our action is to help the high risk people by delivering food and medical supplies that the high risk people need. These people can get in contact with us. Telling us what they need and then we can go collect their food and medical supplies. Then we can use drones to deliver it to the front doorstep. Which means we wont be having any physical contact with the person. Once they collect the food and medical supplies we can fly the drone away from the house.



EXPERT CONSULTED



Jan Van Mol, Head & founder, creative think tank Addictlab, founder Addictlab Academy and publisher, Addict and SDGzine

SOLAR POWERED DELIVERY DRONE

- has a downward-facing camera for surveillance and a forward-facing camera for first person view
- Cameras have lights (also solar powered) for night vision.
- Has a foldable arm that extends for landing
- Takes light energy from the Sun and uses it to fly
- Arms are made of carbon fiber and are strengthened with resin to prevent damage
- The drone delivers medicine and other important goods to people who can not go buy them themselves during the covid-19 pandemic, while being eco-friendly and using renewable energy

THE TEAM



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