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PHOENIX
PLANNING DESIGN

**RE: AgriPOD, SolaRoof food production Installation.
The sustainable way forward. Greener than greenhouses.**

The current AgriPOD module has been specially designed (literally in the last 3 months) by Life Synthesis AS and Phoenix Planning Design AS, to meet the needs for a sustainable food production system that is suitable for both Urban and Rural use. **It is particularly suitable in areas, previously considered unusable for growing due to lack of water and good soil.**

Essentially **the benefits are that the unique AgriPOD creates a totally controlled environment, that reduces the amount of water required because it captures water that would normally just evaporate into the atmosphere.** In addition to this allows the growing season to be extended, thus increasing food production. This revolutionary solar, bubble greenhouse has evolved over period of 25 years, based on concepts and SolaRoof technology developed by Richard Nelson, a Canadian inventor. An earlier SolaRoof proto-type greenhouse has just celebrated 10 years use in Ottawa, Canada. (More information is included in the attached data sheets.)

The AgriPOD can be used on roof tops, car parks but also arid ground or rock. By using hydroponic and other revolutionary growing techniques, such as vertical crops food, this system can produce food in places previously thought as barren. It allows food to be produced year round, extending the growing season to the whole year. This means having two three or four crops a year depending on the situation and location. It also drastically reduces its carbon footprint in relation to other standard greenhouse food production methods.

To refine and improve the design, we need to carry out a number of Proof of Concept projects in areas that require food in area where normal agricultural processes do not work due to arid soil conditions and shortage of water. This includes rural and also urban areas. As part of delivering the project it is important to involve the local community.

To deliver the project, we aim to work with established local grassroots organisations such as BRAC, CARE and the Huairou Commission. This will involve training, education and empowerment of local community groups (particularly women). The final business model is to be decided depending on what suits the local conditions, but essentially it is proposed to deliver this unique food growing system and establishing local businesses within the local community so that it will grow and develop in a sustainable way.

If you need any other information, please contact me and I will forward it. My contact details are below.

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Yours sincerely



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