

Solar farm®

Farmland



New era of agriculture.
Hybrid smart-agri "Solar farm®"



Solar farm® is new ideal style of agriculture which Farm Land developed. The combination of agriculture and solar generation, "Hybrid Agriculture" can make the worth of farmlands many times more and transform agriculture into an attractive industry.

Generating energy and farming at one place.

Most of the farmlands we rent are abandoned or possibly abandoned farmlands. These lands would be wastelands if no one takes care of them. Wastelands could even affect our life negatively. That is why we need to revitalize these lands collaborating with local people even if it takes many years.

Most of the farmlands we rent are abandoned or possibly abandoned farmlands. These lands would be wastelands if no one takes care of them. Wastelands could even affect our life negatively. That is why we need to revitalize these lands collaborating with local people even if it takes many years.

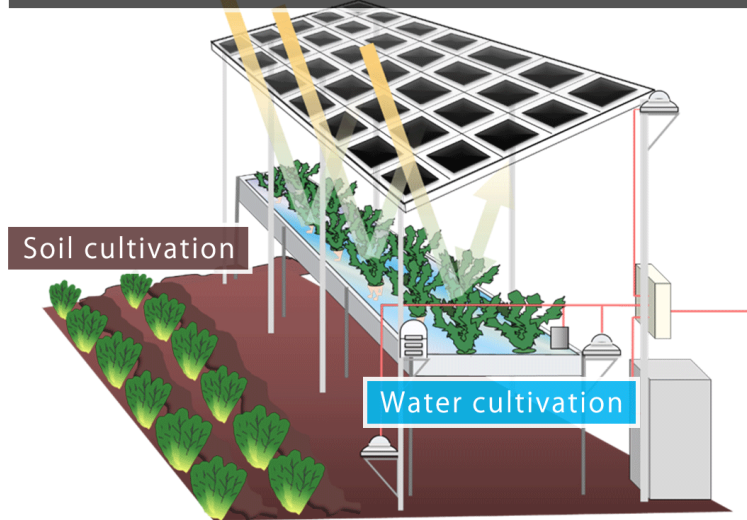
In addition to it, we enhance the income from the lands by doing solar farming. That brings the region big merits such as protecting the environment, creating jobs and increasing income from taxes.

When it comes to doing solar energy business on a farmland, a lot of permissions are demanded. The land should have been used as farmland for a certain number of years. We have piled up experiences that can cover up these obstacles.

By sharing this idea with many people, it will be profitable for the local area and Japan.

Our target in 20 years is to spread the technology of Solar Sarm® to 1,000 locations.

See-through reversible panel (30~40% transparency)



HYBRID AGRICULTURAL PRODUCTION SYSTEM

HYBRID AGRICULTURAL PRODUCTION SYSTEM



Solar Farm®
Hydroponics with high benches

As it is elevated, farmers don't need to bend down, moreover greenhouse cultivation lets them obtain stable incomes. This cultivation style is suitable for leaf lettuce, Trefoil, Chinese spinach and wasabi greens.



Solar Farm®
Sprayed hydroponics

This style enables us to manage the soil and water precisely, and that brings stable cultivation. It is suitable for tomatoes and cucumbers.



Solar Farm®
Soil culture with hydroponics

As making and keeping the soil rich and easy to manage, we can cultivate crops without using any chemical fertilizer and agricultural chemicals.



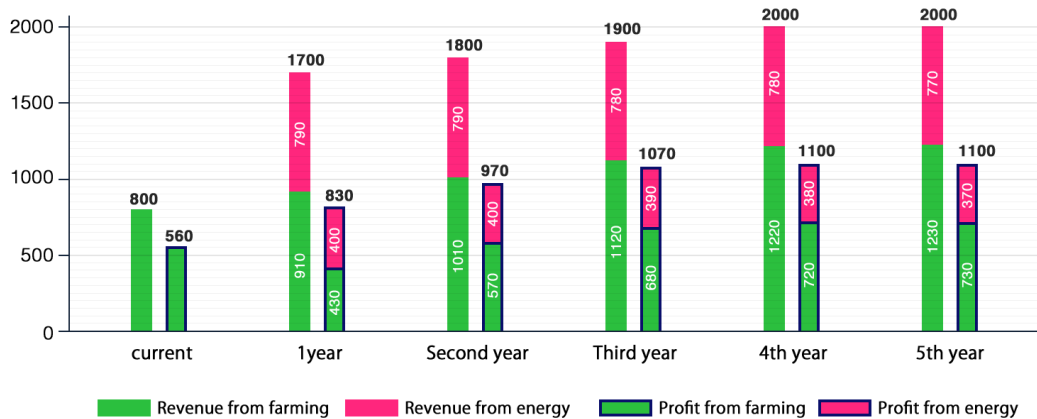
Solar Farm®
Soil culture

This style is easy to farm and the amount of energy generation is also highly expectable. It is suitable for red basil, Sweet coltsfoot and Japanese ginger.

Farm management faces a new era by combining solar power generation with cultivation.

Solar farm® on average increases the sales of the farmland by 50% in 20 years.

20 million yen income model of a contracted farmer.



Solar farm® is patented

In Japan



Hydroponics with high benches cultivation system equipped with solar panels

Patent No. 5791211, No. 5791215

Soil cultivation system equipped with solar panels

5960332号 Patent No. 5960332

Overseas



United States

SOIL CULTIVATION SYSTEM EQUIPPED WITH SOLAR PANEL

SOIL CULTIVATION SYSTEM EQUIPPED WITH ONE-SIDED SOLAR PANEL

U.S. Patent No. 9781884B1

SOIL CULTIVATION SYSTEM EQUIPPED WITH SOLAR PANEL
SOIL CULTIVATION SYSTEM EQUIPPED WITH DUAL SIDED
SOLAR PANEL

U.S.Patent No. 9801346B2



TAIWAN

Hydroponics with high benches cultivation system
equipped with one-sided solar panels

Taiwan Patent No.1572277

> Corporate Profile

> Farmdo Holdings

> Farmdo

> Farmland

> Farmclub

> International
Business

President Message

Chisan Marche

Solar farm

Farmdo Group

© FarmdoGroup, All Rights Reserved.