SUSTAINABILITY PROJECTS

Why we conduct sustainability projects?

As a company producing/ exporting organic agricultural products, Target Vietnam does understand the importance of sustainability to businesses, people and the environment. As such, like most of our customers, we have been and will strive to implement more and more sustainability projects with the aim of running our business in a way that balances economic growth, social development and environmental protection.

Take actions

To achieve that goal, besides continuing to carry out Fairtrade projects and being approved for the social standards through SMETA (Sedex) audit, we are working on 5 new sustainability projects which will be mentioned below. The project progresses will be updated to the valued customers every quarter.

THE BENEFITS OF OUR PROJECTS

Protecting the environment

by minimizing the volume of waste, reducing greenhouse gas emissions and planting tree

Improving farmer life

Saving gas/compost costs for farmers; planting trees brings economic value to farmers; renovating school to improve the livelihoods of the farmers and their families

Competitive Advantage

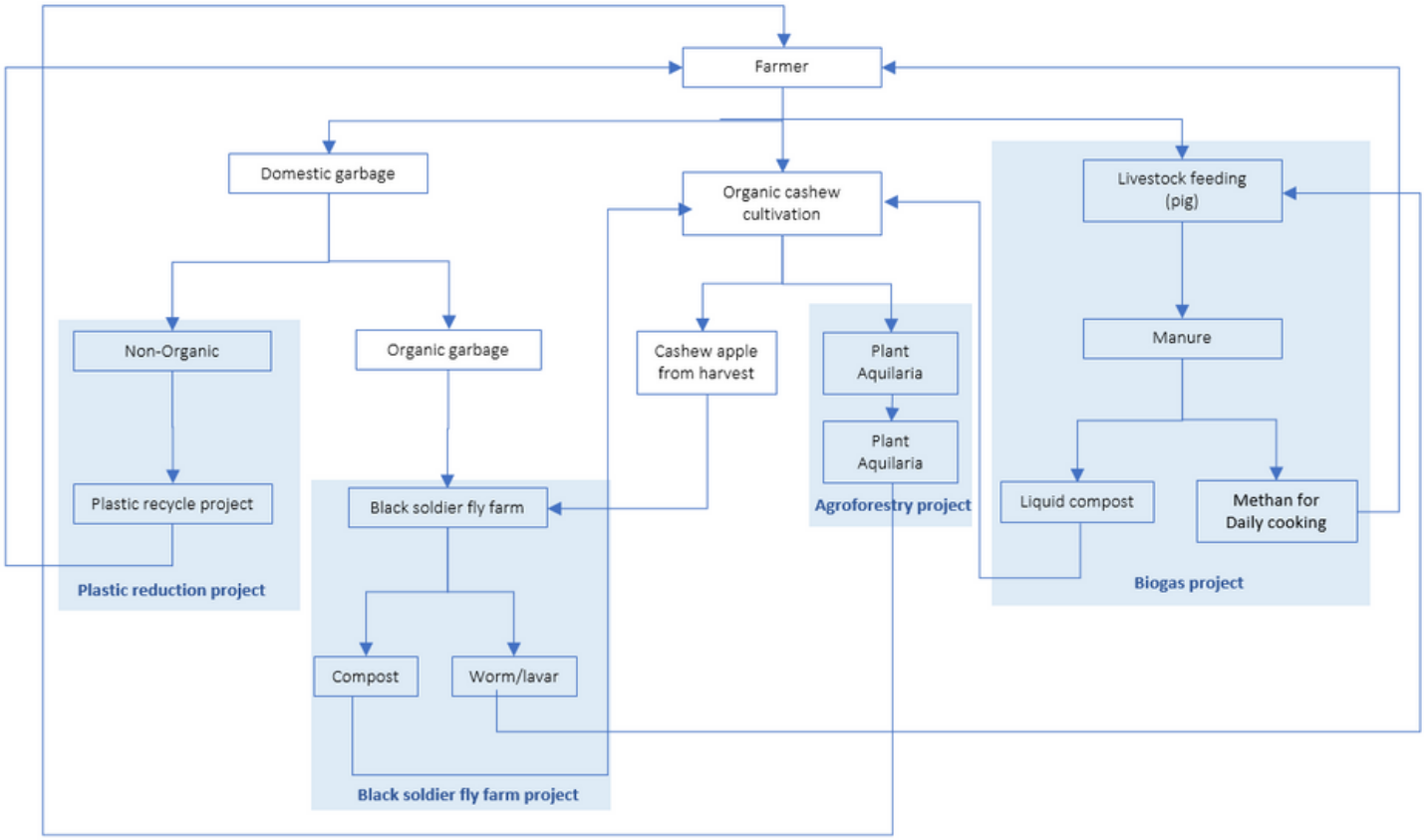
Making our business different from our competitors; greater customer satisfaction and enhance corporate image => more marketable, fosters company longevity

Proper and responsible waste treatment, including the practices of recycling and reuse, can drastically reduce its negative impact and can even provide new opportunities. Recycling and reusing waste not only avoids the direct harm caused by conventional methods of waste disposal but also reduces the need for harvesting and producing new raw materials.

For people, recycling and reusing waste brings a cleaner living/farming environment and helps farmers save fuel and compost costs. Besides, the agroforestry model also brings high economic benefits to farmers.

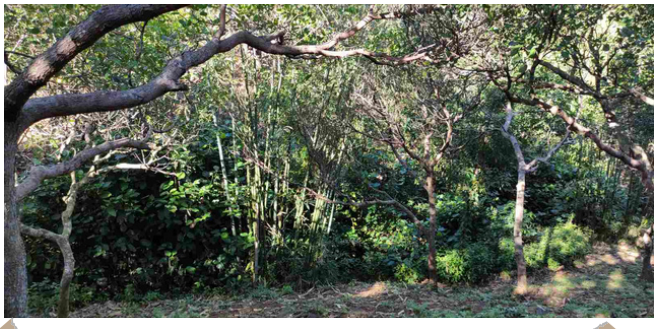
Sustainability has been part of our business making us difference from our competitors, greater our customer satisfaction and enhance our corporate image. Thence, it helps us keep the current customers, attract the new ones, resulting in increased sales.

ENVIRONMENTAL PROJECTS



1. Plastic reduction project:

2. Black soldier fly farm project



3. Agroforestry project

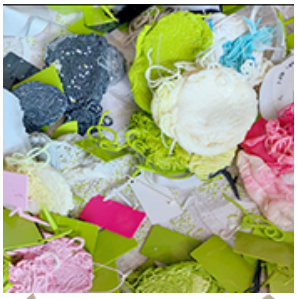
4. Biogas project

1. Plastic reduction project:

Waste has far-reaching impacts on various aspects of the environment, from climate change to disturbing ecosystems. Waste releases a potent greenhouse gas, such as methane, and leads to global emissions of over 1 billion tons of CO2 annually. Chemicals released from waste can contaminate nearby soil, water, and air. Therefore, to reduce the environmental impact of waste, combined with garbage collecting and classifying in Dong Nai commune, Bu Dang district, Binh Phuoc province, we will implement a plastic recycling project there.

Currently, there are 1,543 households (5,447 people) in Dong Nai commune with an estimated maximum waste amount of 2.5 tons per day. However, there is no waste collection unit. So we plan to establish a unit dedicated to collecting waste including 2 workers with 02 garbage trucks. Target field officers, with the support of the commune government, will train people to classify their waste into inorganic and organic waste and then treat each type of waste properly. The organic one will be transported to the black soldier fly farm of the organic cooperative No. 1 as food for larvae. The plastic waste will be sold to free traders for recycling. Income from the sale of plastic waste will help maintain a part of the waste collection activities of the No. 1 cooperative.

We categorize plastic waste into 6 types



PA

PC

PP

ABS

HD

POM

2. Black soldier (Hermetia Illucens) fly farm project

Waste is collected and classified into inorganic waste and organic waste. Organic waste is collected and transported to the black soldier fly farm of the organic cooperative No. 1. Here organic waste is used as an attractant and main food for black soldier fly larvae.
Besides using organic waste, at the end of the cashew season, farmers also collect cashew and move them to the soldier fly farms to feed larvae.

The by-products of the composting process are used for the cooperative's organic cashew farming:
- Puree larvae: make fertilizer, feed for livestock and poultry
- Dried larvae: make fertilizer, feed for livestock and poultry
- Inoculants after the process of decomposing garbage of black soldier fly larvae: make fertilizer

The farming of black soldier flies also offers applications in the decomposition of organic waste on most organic waste before waste releases a foul odor.
Because the amount of feces black soldier flies release is very small, they will reduce up to 90% of waste with pathogens around the environment, without creating an unpleasant stench. As black soldier fly larvae are very voracious, other harmful larvae will be deprived of food and unable to develop.

When dealing with waste, black soldier flies will not create a stench, greenhouse effect, or dirty wastewater source, and can minimize the volume of waste. Therefore, the research and application of black soldier fly in waste treatment is being promoted to bring a cleaner living environment.

3. Agroforestry project

Planting aquilaria around cashew farm:

New project is proposed to be implemented in Dong Nai province: planting aquilaria as a buffer zone covering around cashew farm. Aquilaria are genera of tropical trees that produces a valuable resinous wood called agarwood. Agarwood has been widely used as medicines and material to make incense, perfume... Agarwood has high economic value, bring income to farmers.

Together with organically cashew trees, aquilaria will remove CO2 from the atmosphere accumulated over years and absorb it over a long period. In addition to absorbing CO2, they emit oxygen, improve air quality.

We will collect data and keep you updated the agroforestry square.

4. Biogas project

Composting (manure from feeding livestock in the farm) process produces Methane (CH_4) due to anaerobic fermentation, which causes a greenhouse effect 20 times stronger than CO_2

Manure from feeding livestock on the farm produce smell and negatively affect the environment

MODEL

Location

Construction

Construction

Construction

Construction

Construction

4. Biogas project

Construction

The pigs

The storage tank for liquid compost

The storage tank for liquid compost

Containers

Pump into containers

Containers

Spray into the cashew field

4. Biogas project

Efficiency

Using methane generated from manure helps farmers save fuel costs and reduce emissions from gas and burning wood in daily cooking. The greenhouse gas emissions also reduce 78% when using biogas plants.
Using waste residue from biogas digesters as fertilizer for organic cashew cultivation not only brings economic efficiency to farmers but also reduces CO2 from using conventional fertilizers.

Expansion

We have conducted 1 model in Dong Nai commune, Bu Dang district, Binh Phuoc province and we are planning to expand this project to 10 models more at the end of this year

SOCIAL PROJECT

Renovation School in Binh Phuoc, Vietnam

After investigating the possibilities to improve the livelihoods of the farmers and their families who located on the hill at Sok Bu Nhui, Doan Ket hamlet, Duc Phong district, Binh Phuoc province, Vietnam. We realized that a proper school is much needed in this region.

The conditions that should form a basis for decent education (a building and infrastructure) are lacking or not sufficiently provided for 75 students with 4 classrooms. Besides, the former school building was damaged due to severe weather circumstances and children were exposed to intense sun, heat, and rain.

For those reasons, we plan to build and renovate the school including educational materials, well-ventilated classrooms, toilets, a playground, and fences with fundraising goal: 17,550 Euro. Target Agriculture Vietnam would like to be a part of the contribution for this project in Vietnam; we will support design costs, labor costs, and overhead costs during construction.

In this way, we aim to ensure access to quality, inclusive and equitable education for all children. In the future, they also want to use this new facility to provide technical and vocational education and training opportunities to farmers.

Front of Classroons and Play Ground

Children are coming to the class

Wall was in proper paint. Newly tiled classroom background. The inox window was installed. The new light system and electric system was installed

SOCIAL PROJECT

Renovation School in Binh Phuoc, Vietnam

Handover the construction to Teachers and Local Authority

Handover the construction to Teachers and Local Authority

The new playground was built

New inox water tank was installed

The new safety fence was built up

The new path to school was built

The front of New School with new painting and new roof

Representative of Target Agriculture handover the construction to Teachers and Local Authority