Hi-min Solar Everthing
一切皆可太阳能
For the blue sky of our children

Solar Innovation

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Himin Culture

I have a dream

I have a dream,a dream that is shared by the members of the Kua Fu team who devote themselves to the Micro Emission Earth, that one day everyone who has love for their children, the blue sky, the earth and the cosmos will unite and promote the ideals of Micro-Emissions and Living Green by developing advanced technology, useful products and helpful services.

"Everyone living green, everyday blue sky" – makes the goal of Micro-Emission Earth possible.

I have a dream that one-day the people of China and the people of the world will become more aware of solar energy and enjoy what it has to offer.

I have a dream that one day the ideals of Micro-Emissions and Living Green will become a part of our daily lives.

I have a dream that one day the Micro-Emissions industry will be as technically advanced as the IT industry, as mature as the home appliance industry, and as automated as the automotive industry.

I have a dream that one-day that our children will love to learn and then spread the ideals of Micro-Emissions and the related technology.

I have a dream that one day there will be less smog, less energy consumption, less sewage, less abandonment, less noise, less damage but more purity in our hearts.

I have a dream that there will be no more wars, disasters, or deceptions.

I have a dream that one-day people will live in beautiful homes full of sunshine and hope, while having peace of mind.

I have a dream that the future generations will live underneath a sun-filled sky and breathe the fragrant air.

I have a dream that all the creatures of the universe will be able to live together in harmony.

My dream of a Micro-Emission Earth is an arduous challenge, but I also know that this is the only path to the future.

Let's do it together!

Himin FVVM:

Faith: Appreciate the nature and revere the truth.
Vision: Devote to the future of global micro emission.
Value: Focus on sustainability.
Mission: For the blue sky of our children, realize micro emission earth.

KuaFu Story

In ancient Chinese times, a group of people lived in a remote mountain range led by a man named Kua Fu. One year, the sun became so harsh a severe drought caused the Earth to become inhabitable for human life; Kua Fu then made the decision to chase and shoot down the sun to serve all of mankind. The further he chased the sun the more thirsty he became. By the time he reached the sun his thirst was unbearable and he ended up dying on his search for a source of water. Even with his dying breaths, he remained concerned for the health of his people and his stick transformed into a peach garden for the human race that he loved so dearly.

Kua Fu story in modern times

Because of environmental pollution, abnormal weather, energy crisis, conflict between human beings and nature emerged, fighting for earth is playing.
They persist on chasing the sun and contribute to micro emission
To achieve micro dust haze, micro energy consumption, micro sewage, micro discard, micro noise, micro hurt, micro impure thoughts
Numerous obstacles in front of them, but they believe in themselves and never give up. ,
Micro emission is the only way for the future.

Organization Profile

Introduction

Himin Solar in China has been in existence for 20 years, has over 6,000 employees and has produced the first Solar Valley in the world. The Solar Valley is essentially a powerful demonstration of Mr. Huang's vision of the highly integrated use of solar and other renewable energies to restore and preserve our environment, cut down on hazardous particles in the air and make energy use sustainable, in the near future and the long-term.

Me Pad Earth Strategy

Himin has created and demonstrated the micro emission (ME) earth strategy (Table 1).

For example, ME designs have been developed and implemented for homes, offices, hotels, convention centers, airports, college campuses, museums, factories, stadiums and dramatically reduce the amount of conventional energy that is needed in these facilities. Technological solutions are blended in within existing nature and landscape to give the "perfect combination of artificial technology and native nature.

Solution category	Technologies within that category
Solar thermal solution (low, mid, high temperature)	Solar heating and cooling, solar pool, solar hot water
Solar PV solution	Solar lighting system, power generation, shading system
Solar energy equipment	Energy storage, temperature control, smart operation solutions
Solar power generation	PV power generation, solar thermal power generation, biogas generation
Architecture energy saving solution	Energy-generator windows, wall insulation, sun shading, fresh air system
Production system solution	Hot water system, solar drying, solar heating and cooling, seawater desalination

Table 1: Technological solutions used to enable micro-emission designs for homes, hotels, college campuses,factory...

All Solar Home/Shop showcase;plus,Solar cookers

Solar cooking tube and reflector panels for concentrated solar Eneray onto the tube

How to realize ME earth strategy?

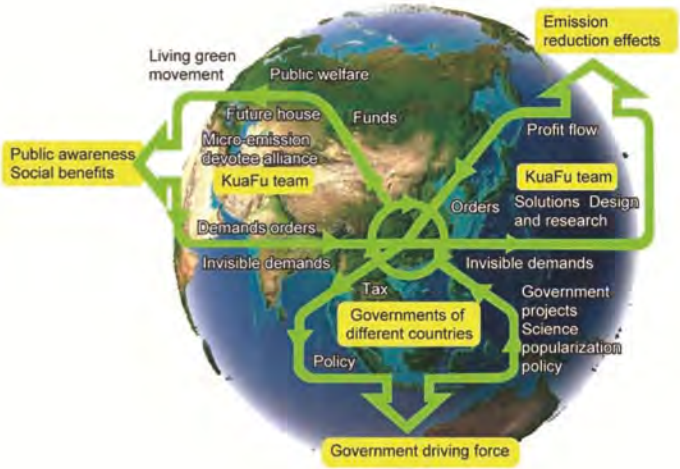
We declared to the world:

The only way to realize micro emission is global commercialization and utility of micro emission ternary cycle model vis public science promotion and government assistance.

KuaFu team and Micro-emission Devotee Alliance promote environment protection consciousness meanwhile develop living green members and expand KuaFu team ability.

Each KuaFu team designs and develops solutions based on invisible demands and then reduces emission; profit can be supplied to public science activities and taxes.

Governments apply revenue and policy to promote science projects, elevate environment protection influence to save the earth.



Himin innovative products series

Solar kitchen carriable

Solar Future House Showcase

Zero energy sand-therapy camping house

All season solar tent

Solar Mongolian yurt

Solar farm villa

Life Style Innovation

Solar energy is beyond your imagination

World multi - patents and copyright reserved

Solar cooker

—— This creation may be greater than Steve Jobs's iphone.

Dreamed and persisted on by world No.1 Solar Crazy Guy - Huang Ming

Created and refined by a group of devotees

Manufactured in world green miracle - Solar Valley

Driven by the life-dedicated passion of Himin for RE

Disciplined by highest food standard and sophisticate process.

- No smoke
- No hazard
- No harm
- No burning charcoal
- No open flame

BBQ	Coffee&Tea	San&Ham	Soup	Popcorn &Nuts	Camping
10 - 30 mins	15 - 25 mins	5-20 mins	20 mins~	3 - 6 mins 8 - 15 mins	Even in cloudy days

Solar Kitchen—carriable

Solarfood Recipe

Solar Meat & Fish

Solar Steak
Pork chops, soy sauce, brown sugar

Solar Honey Wings
Chicken wings, pepper, honey, salt

Solar Grilled Chicken
Chicken breast fillets, mustard, honey

Solar Sandwiches
Bread, chicken, eggs, lettuce leaves

Solar Vegetable & Popcorn

Solar Grilled Artichokes
Artichokes, quartered lemon, oil, salt

Solar Grilled Corn
Fresh corn, butter

Solar Soup ,Coffee & Tea

Solar Mushroom Soup
Mushrooms, flour, chicken broth, salt

Solar Coffee —— Activate your brain!
Coffee, sugar, water

Solar Cookers for Emerging Nations

Himin is a leading, innovative company that has excellent solar products. Huang Ming, its creator, his team, and the Himin's Global Business Development members are continually researching the best, practical tools to make the world work for 100% of humanity…

The need for effective and easy-to-use solar cookers in emerging nations is a need that has been found that we are endeavoring to fulfill…

Here are some facts:

Globally, over three billion people cook with wood, charcoal or animal dung. Their open fires release plumes of smoke and soot that are liable for 4.3 million premature deaths each year. 1.7 million of these are children under the age of 5. Women and children are inhaling toxic smoke and particulate matter as it fills their huts.

These are more deaths than AIDS, malaria and tuberculosis combined. Or triple the amount of traffic deaths worldwide. Open-fire cooking is responsible for 2-5% of greenhouse gas emissions due to deforestation and black carbon emissions. An alternative way of cooking is urgently needed, and solar cookers are an excellent solution. They concentrate the sunshine to achieve temperatures needed for cooking.

Solar cookers need no fuels and emit no fumes.
They could save millions of lives.

Apart from health concerns, solar cookers are a women's right issue. They provide additional time and income to women by reducing the time spent on cooking and wood collecting from 4-8 hours a day to 1.5 hours. In those extra hours, the cooker can be used to create a small business, for example a bakery or purified water production. Or that extra time can used for education or farming.

Solar cookers empower women with additional income and free time.

The Global Alliance for Clean Cookstoves lists many different stove technologies. Among these, solar is the only one that does not emit any fumes and doesn't require fuels. Solar cookers work on days that have clear skies to moderate clouds. Advanced technologies, like Himin's, work even on sunny days in cold climates.

There are 1.2 million solar cookers in the world today, but many are not in use, because they employ old technologies that cannot reach high temperatures and take a long time to cook. They also cannot provide warm breakfasts and dinners — for many reasons, including not having the technology to handle the lack of sun.

Himin's solar cookers are using vacuum tubes, the most efficient technology and keep food warm for dinner and breakfast, solving the most pressing usability issue.

Paul Hawken's Drawdown project analyzed the cookstove market and discovered that it is a US$72 billion business opportunity.

Himin Solar Cooker

Himin has developed a solar cooker model for Emerging Nations' Communities Solar Development, which makes the world leading vacuum technology affordable for widespread deployment.

The solar cooker is designed to prepare all meals (breakfast, lunch and dinner) for a family of five in 1.5 hours at noontime, using only sunshine as fuel. It contains heat storage which keeps the breakfast warm for the next morning and an insulated container to hold the dinner.

Himin holds multiple patents for this world-leading technology and is able to produce large quantities at superior quality.

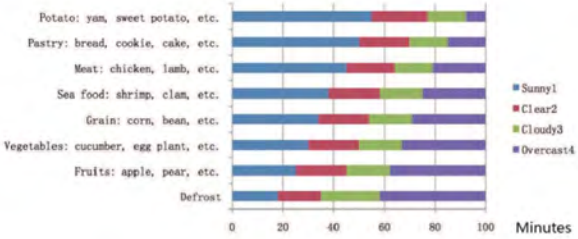
This solar cooker cooks food at 220 degrees Celsius (428 Fahrenheit), which is beyond what other solar cooker technologies can reach. This allows more uses previously not possible, such as rapidly boiling water, baking and grilling. The temperature can reach up to 270 Celsius (518 Fahrenheit). The vacuum tube provides such a good insulation that such temperatures can even be achieved in freezing weather.

The cooking tube is 135 cm (4.4 ft.) long and vacuum isolated. It's heating chamber is 4.59 liter (1.2 gal) in size. It's efficiency is over 80%. Several inserts are included that allow for steaming, boiling, baking and grilling. It works best with full sun, but also in cloudy weather.

The construction is sturdy and includes a swivel motion that makes it easy to follow the sun. It is very safe, because the heat is concentrated inside the tube. The outside and all other components do not get hot and present no danger to the cook and children.
The Himin Solar Cooker is the solution the emerging nations have been waiting for!

Cooking scene

Cooking time



Solar Future House Showcase

Solar Model House – Initial Introduction of the Technology

We envision beginning by introducing Mr. Huang' vision to the Americas by showcasing a completely solar model house in public areas, hotel lobbies, malls, shopping center – anywhere that has high traffic so people can be experientially educated on totally solar-powered homes, offices and shops. The demonstration of the "future house" can be operated profitably. It's a great opportunity to demonstrate the technology since it integrates several key renewable solutions. This can readily be marketed to existing early adopters in the Americas and then spread to the general markets.

The "Future House" utilizes a variety of solar innovations, from solar water heaters and PV panels to energy generating windows. Following you will see a picture of a solar model house, and a PV panel powered lighting in the foreground. Pictures below: phone chargers from solar windows (left). Solar-powered air purifier in window (right).

Living Green Mart

Solar retail products that can be distributed

My micro-emission life

Everyone must begin their micro-emission lifestyle, we need to establish the concept of living green and then further develop it. In our daily lives, we must use more green products, such as solar mobile chargers, solar lamps, solar bags... solar everything. If we begin this lifestyle today, the dream of "Everyone living green, everyday blue sky" will come true.

Zero Energy Sand-therapy Camping House

Zero-Energy Sand Therapy Camping Houses integrates the functionality of solar energy and the service industry. It is equipped with numerous solar energy systems that improve the residents' comfort while also powers the sand therapy equipment.

This module design that comes equipped with the sand therapy house allows it to be moved from place to place without much hassle.

All season solar tent

Re-define solar camping life.

Bireflectance film thermal insulation technology

Warm in winter and cool in summer, best friends for camping!

Why does it work in the winter?

The semi-sphere shape allows for a highly transparent curtain to let more sunlight in. You can either orient the sphere towards the sun to allow more heat in or turn it the opposite direction to get more shade. The aluminum support and the stainless steel connections are both light and easily assembled/disassembled.

Standard configuration

Micro solar power station

The tent is equipped with micro solar power station, fans, LED, car refrigerator etc. which are all powered by solar energy,environmental friendly and low carbon.

Solar fans

The tent comes equipped with a DC fan using solar energy as its power source. You will feel cool in summer evenif the curtain is closed.

Solar LED bulb

The 12V, 3W LED bulb with 5 meters cable connect to lighting interface, and battery is also provided. It supplies green power for outdoor activity.

Solar mosquito repellent lamp

Solar mosquito repellent lamp protects you against mosquitos and is also environmentalfriendly.

Green power strip

Wireless charging: place appliance at the inductionzone and you can charge your devices wirelessly. USB charging: connect to USB interface to charge. Lighting: light installed side, and also supplies soft light for night. Battery pack: with capacity of 10000mAh/11.1V, DC5V voltage, and charger for majority phones, tablets, etc.

Solar Mongolian yurt

•Single circular •Square and circular •Single splice •Double splice •Triple splice

Current Problems of Tourist Spots and Campsites

•Shortage of hotels

•Limited power and water supplies

•Environmental preservation laws prevent hotel construction approval

•If approved, opportunity costs are high during the long construction period

•High risk of profit loss when investing large amounts into building hotels

- Solar water heating keeps comfortable indoor temperature
- Solar energy environmental green stationmakes you enjoy green power.
- Household intelligent remote control system, operating anytime & anywhere!
- Green safe power strip ensures safe solar charging
- Oversized overall bathroom, it supplies adequate solar heating water to bath
- Micro emission window system, withstanding haze, noise, consumption & risks

Solar green power plant-

The green power kit equipped with 300AH &500AH batteriesand solar panels which convert the solar energy into electricityand generate clean green power. The green power kit suppliespower to lighting and room appliances, lighting up everypower to lighting and room appliancelighting up everycorner of the prairie.

Intelligent Control System

The hot water system, room heating system, powergeneration system and the sun shading system, newair system of windows can be connected to smartphones or PAD through software. You can control iteasily and enjoy comfortable life.

Solar heating system

Solar heating is an effective solution forhigh altitude areas where central heating is unavailable.

Oversized overall bathroom

Solar hot water system makes star classic bathroomwith super and instant hot water supply at constant and proper water temperature. The safe solar energyalso avoids electric shock hazard.

Micro Emission Window System

The patented Win-Pin film provides cozy room temperaturein different seasons, like an auto temperature controller. Thegood insulation helps to block dusts. The multicavity profileand Win-pin energy saving glass reduces the noise intensityand make it acceptable for daily life. The window is also equippedwith new air system to filter the incoming air and block harmfulparticles.

Green wireless strip

Wireless charging: place electronic equipment at induction zone, it will get charged without wire connection.

USB charging: charging by USB interface directly

Lighting: the lights are installed on the sides, providing sweet cares at night

Huge capacity: With 10v,10000mAh capacity that achieves requirements ofvarious of electric equipment.

Solar farm villa

Good farm with poor vegetable greenhouse? Good scenery without comfortable accommodation?

Current Problems of Tourist Spots and Campsites

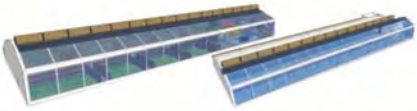
- Shortage of hotels
- Limited power and water supplies
- Environmental preservation laws prevent hotel construction approval
- If approved, opportunity costs are high during the long construction period
- High risk of profit loss when investing large amounts into building hotels

The Solar Farm Villa is made up of farm plots and sunny villas. The site is meant for mingling with others and it's even possible to rent out sections of it for private use. Enjoy living a life of relaxation within the villa and the fresh vegetables grown by the solar garden. This villa demonstrates the possibility of a low carbon circulation environment that is able to support entertainment, tourism, and ecological agriculture.

Future green house

Rural tourist site without good green house?
Rural tourism is not just simply to display a vegetable field. Without scientific utilization of sunlight, vegetable quality cannot be assured. Especially in winter, sunlight restrains vegetables grow, or the green house waste lots of energy to keep suitable temperature.

Future green house
Eliminate the traditional green house with revolutionary new technology.
Future vegetable greenhouse



Heat preservation performance of traditional vegetable greenhouse is poor. Future Vegetable Greenhouse, powered by solar technologies and passive solar heating, provides suitable temperature and humidity to ensure the plant growing up quickly. The efficiency is enhanced.

Economy factors of future vegetable greenhouse is low cost, one-stop investment but with long-term profitable. Power generation is also available, meanwhile self-sufficiency.

Future Livestock Barn

How to renovate your barn for stronger livestock?
To build a suite for your livestock!

Good pasture with bad barn?

The temperature is not comfortable which leads to weak livestock.

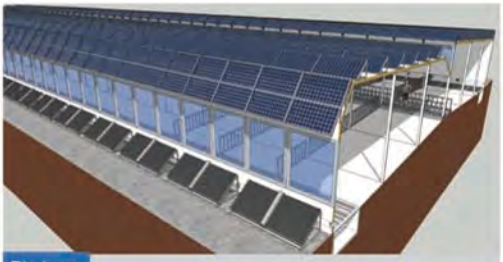
Bad smell due to poor ventilation.

Too much power consumption due to unscientific utilization of sun light.

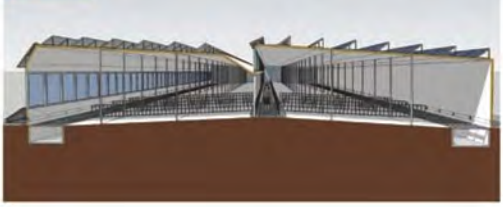
Cow shed

Pig barn

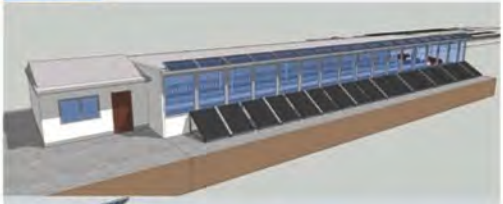
In order to solve the ventilation and temperate issues that the traditional barn poses, the Future Barn creates a spring like environment year-round with the use of solar and passive technology. Animals living inside are then able to grow healthily without the struggles of possible extreme conditions of the surrounding environment. This one time investment is low cost and preserves the nature of the farm without the need for complicated administrative applications.



Pig barn



Cow shed



Desert Solar Palace - Smart Climate Oasis

Solar Energy Canopy System
——Shade during the day and penthouse during the night, microclimate simulator

Automatic microclimate regulating system
——do anything you want, all in control

Solar energy efficient self-power supply system
——self-supply, power storage, energy saving

Integrated solar water heating system
——sufficient hot water, instant heat system, supplying hot water for all needs

Water-saving bathroom and three-level septic system
saving water and reducing environmental pollution

Energy Efficiency Window System
——dust & sandstorm proof

Himin' s Ventilation Air-Purifier System
total fresh clean air solution

Intelligent security system
ensure security of the open park all around.

Air purification system
purify air and indoor environment

RO large water purification system
domestic water, direct drinking water,
use water at will

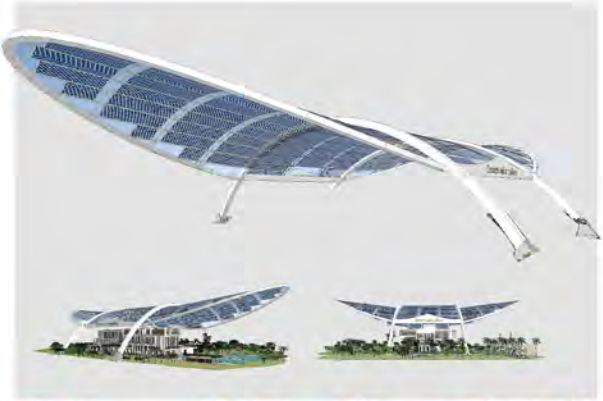
Photovoltaic lighting system
build exclusive private gardening view

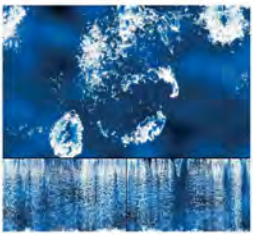
Reclaimed water treatment system
Use all the available water sources

Micro emission Remote home system
Remote view of the home situation,
operate at any time

Constant temperature outdoor swimming pool
the water playing world in desert

Solar kitchen
No smoke, no harm, no hazard,
enjoy the natural food





Solar Energy Canopy System

——Shade during the day and penthouse during the night, microclimate simulator

Solar canopy system is a sky dome climate system enveloped above the building. Solar panels are assembled at the roof top to provide a full capacity of electricity, while the structure plays the role of shading and energy saving fuctions as well. It will effectively reduce the evaporation of water under the canopy; moreover, the rain system can be installed on the roof top, which can automatically control the artificial rainfall, prevent dryness, and creating a local microclimate effectively.

Automatic microclimate regulating system

——do anything you want, all in control

The whole system is equipped with automatic microclimate regulation system, can control the wind and rain through the mobile phone . At the top of the canopy, equipped with a self-rainfall device when the climate is too dry, the microclimate can be adjusted by opening the self-rainfall system, and the garden can be watered. In the terrace and open space, the outdoor air conditioning system can be installed. When the climate is too muggy, open air conditioning (using solar power) will bring cool breeze and create a comfortable microclimate, and can be controlled remotely via mobile phone for humanization design with convenience.