



**佛山市顺德区
坤宇温室工程有限公司**

**Kunyu Greenhouse
Engineering Co., Ltd.**

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About Kunyu

Kunyu Greenhouse focus on the planning, designing, manufacturing, installing of greenhouse projects.. The company was set up at 2000 in Taiwan, entered into China market in 2002, and Vietnam market in 2007.



Our Mission

- Introducing & localizing new technology
- Improve agri&horti growing condition
- Professional customized service



Our Service

- Greenhouse engineering
- Agriculture zone planning
- Greenhouse accessories



Our Advantages

- Taiwan greenhouse technology
- Experienced GH engineering & growing
- High price-performance ratio

Kunyu Service



Quality

- ✓ Hot dip galvanized steel frame profiles
- ✓ Cover material Polyethylene film, polywoven film, glass and poly carbonate
- ✓ Hi-quality accessories equipment



Design

- ✓ GH design meets different climate condition
- ✓ GH suitable for commercial growing, tissue cultivation, nursery, recreation, Scientific research, quarantine, aquaponics, restaurant and etc.



Manufacture

- ✓ 2000 M² manufacture workshop
- ✓ Experienced engineers in steel processing technics: folding, punching, cutting, bending and welding



Installation

- ✓ Experienced installation team can be sent to sites inside China
- ✓ International projects usually send senior technicians to supervise the installation



Accessories

- ✓ In stock with different kinds of GH accessories & equipment: cover, fans/pads, curtains, ventilation, irrigation, growing kits and etc.



Visiting

- ✓ We have 4000 M² of standard GH growing Phalaenopsis orchid in Foshan, China
- ✓ 15+ years experience in flower growing can provide whole series growing training and instruction

With 15+ years experience of GH engineering and growing, Kunyu delivers full services to growers, from designing to growing, assist growers to achieve high yields and finance success.

GH Types



Film GH



PolyCarbonate GH



Glass GH



Tunnel GH



Shade House



Recreation GH

GH Structure

- ✓ Frame use high quality steel profiles
- ✓ Hot dip galvanized treatment 270 g/m²
- ✓ One step forming, whole piece galvanized, no artificial anti-rust treatment
- ✓ 15 years warranty no rusting, design lifespan more than 20 years, especially good for high humidity area.
- ✓ Anti-condensation structure design



Cover Material

Poly film

- ✓ Anti-UV
- ✓ Dust proof
- ✓ Anti condensation
- ✓ Economical



Cover Material

PolyCarbonate

- High strength, impact resistance 200 times higher than glass
- ✓ Better fire-proof performance
- ✓ Better insulating performance
- ✓ High transmission of light
- ✓ Easy maintenance



Cover Material

Glass

- ✓ Attractive appearance
- ✓ High transmission of light
- ✓ Enhance insulation capacity
- ✓ Heavier weight in the structure
- ✓ Easy maintenance



Shading System

Exterior Shading

- ✓ High performance in cooling
- ✓ Different shading rate meets different requirement of various crops
- ✓ High wear resistance assures long lifetime
- ✓ Rack and pinion system works stably, smoothly and tightly
- ✓ Controlled by light sensor or timer
- ✓ Multiple colors: black, green and transparent



Shading System

Interior Shading

- ✓ Provide shading and Energy saving
- ✓ Different shading rate and energy saving rate meets different requirement of various crops
- ✓ High wear resistance assures long lifetime
- ✓ Rack and pinion system works stably, smoothly and tightly
- ✓ Controlled by light sensor or timer
- ✓ Multiple colors: black, white



Ventilation & Cooling

Natural Ventilation

- ✓ Ventilation & cooling GH;
- ✓ Increase air ventilation in&out
- ✓ Save running cost
- ✓ Manual operation and electrical control available
- ✓ High performance working together with fan&pad system



Roof ventilation



Side ventilation

Ventilation & Cooling

Forced ventilation (fan&pad)

- ✓ Increase humidity, and cool down temperature
- ✓ Humid air stimulate crop growing
- ✓ Save running cost
- ✓ Controlled by temperature & humidity sensor



Evaporated pad wall

Exhaust fan

Ventilation & Cooling

Forced ventilation (HAF)

- ✓ Low noise, big air volume, long lifespan
- ✓ Maintain the consistency and stability of internal climate.
- ✓ Automatically control internal climate intermittently.



Heating System

Finned tube heat exchanger

- ✓ Reasonable layout on 4 sides and middle
- ✓ High heating efficiency, distribution evenly
- ✓ Working with hot water boiler, low running cost
- ✓ Recycle water, lower water bill.



Heating System

Heating fan

- ✓ Low initial investment
- ✓ Heating fast
- ✓ Low noise



Movable



Wall mount

Heating System

Gas/Diesel heater

- ✓ Low initial investment
- ✓ Heat evenly
- ✓ Directly heat crop roots



Irrigation System

Popular irrigation ways in greenhouse



Drip



Spray



Atomized Misting



Movable bar

Bench



Manual rolling bench

Automatic rolling bench



Tidal irrigation EBB bench



Control System

Apply ARGUS greenhouse computer control system, with sensors and timers, control the fans, ventilation, shading system, cover, heating system and irrigation system to meet the growing requirement



Hydroponics Growing

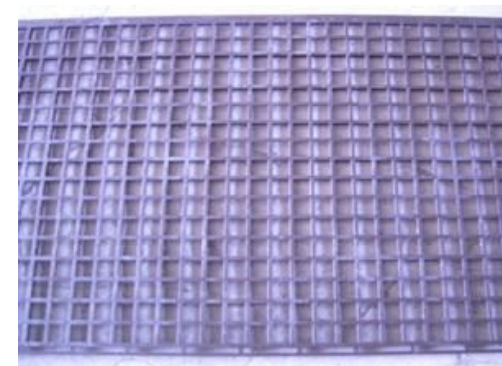
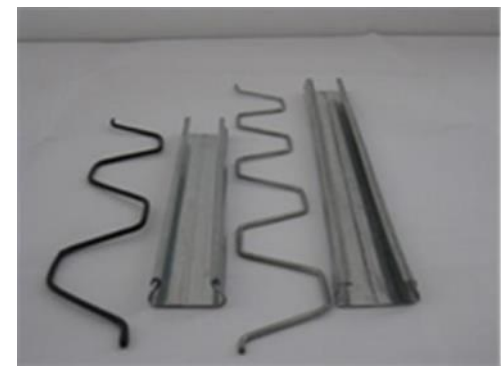
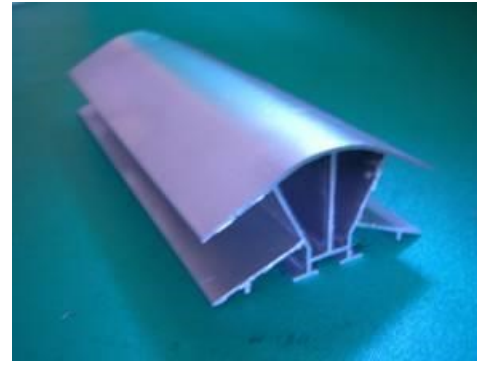


Hydroponics Growing



Greenhouse Accessories

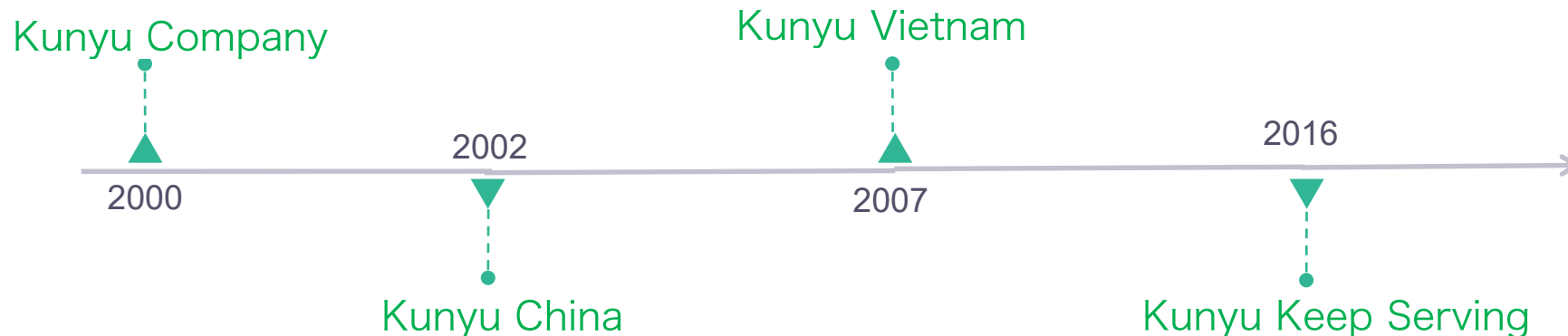
Kunyu provides various greenhouse accessories and equipment: Structure, cooling & heating, ventilation and shading, irrigation and growing etc.



Projects Show

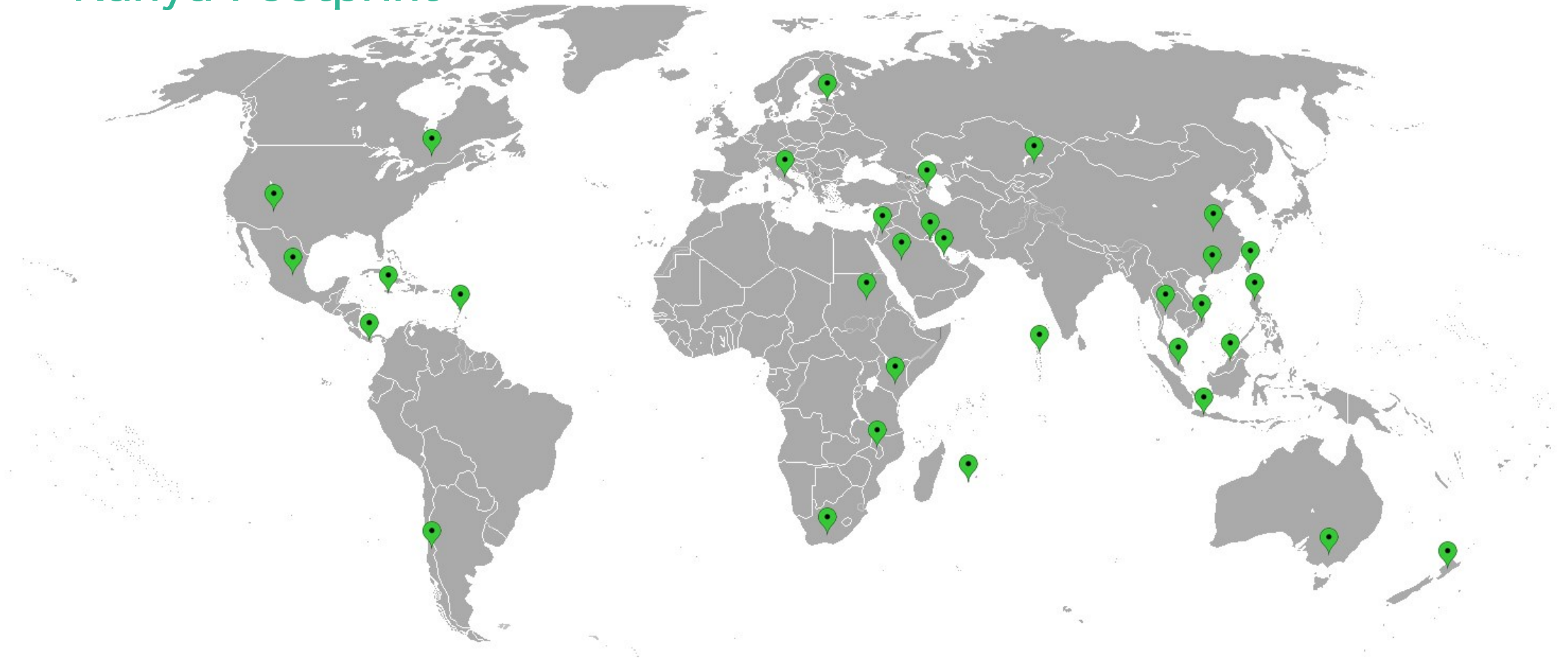
With more than 10 years serving the industry, Kunyu has built hundreds of thousand square meters greenhouse for growers. The China office was set up in 2002, to serve growers in China. In 2007, Vietnam office opened. With the Taiwan greenhouse technology, together with local market/material advantage, Kunyu had managed to be localized and helping local growers to improve growing facility and then higher yield with better financial income.

Over the years, we had gain very high reputation from our satisfied customers in: Taiwan, China, Hong Kong, Vietnam, Indonesia, Thailand, Malaysia, Brunei, Philippines, Maldives, Kazakhstan, Azerbaijan, Saudi Arabic, Kuwait, Bahrain, Jordon, Estonia, Italy, Australia, New Zealand, United States, Canada, Mexico, Costa Rica, Jamaica, San Lucia, Sudan, Mauritius, Kenya, Malawi, South Africa and other countries.



Projects Show

Kunyu Footprint



Projects Show

Taiwan

臺灣糖業公司

臺灣農業試驗所

臺灣農林廳種苗改良所

亞洲蔬菜中心（檢疫溫室）

南靖精農中心（含展銷屋）

台大觀光蘭園（大村場）

國立中興大學

十全蘭業服務中心

巨揚園藝

世芥蘭業

清波農牧股份有限公司

金車生物科技中心

屏東臺灣蘭園

育品蘭園

台南香斌蘭園

臺灣FISA蘭園

台灣蘭園

林靜宜蘭園

松暉蘭園

達觀蘭園

大觀蘭園

大溪金興蘭園

豐南農場

台北內雙溪

虎尾文銘蘭園

台東李萬全蘭園

福樂蘭園

世華蘭園

阿里山（李榮龍、羅孟軍等）

Projects Show

China

广州农业科学技术研究基地

广州园林研究所

广东东莞植物园

深圳市光明农业高科技园

惠州长荣花卉科技有限公司

顺德杰腾生物科技有限公司

顺德今日生物科技有限公司

珠海农科中心

福建漳州新湖生物科技有限公司

福建厦门航空港花木有限公司

湖南衡阳现代农业科技示范园

湖北武汉市农业科学研究所

广西桂台花卉有限公司

广西壮族自治区国营雅长林场

贵州宏宇药业有限公司

浙江宁波新皇冠园艺有限公司

浙江传化生物技术有限公司

上海市松江农业园区

上海鼎汉生物科技有限公司

江苏江阴巧集园艺科技

山东省淡水研究所

山东滕州现代化农业示范园

山东东方花卉有限责任公司

山东菏泽市水产局

山西泰东农业科技有限公司

山西天和源花卉有限公司

河南三门峡市快丰收种子公司

河南济源古砬生态苑

成都市第一农科所

新疆昌吉国家农业科技创新园

Projects Show

International

香港 Hong Kong

Flora Corporation Co., Ltd.

Hang Wai Hydroponics Company

越南 Vietnam

Cty Kieán Phong Sinh Hoïc Nông

Sinsun Orchids Co.,Ltd.

Công Ty TNHH Ánh Dương

Coâng Ty TNHH Bonnie Farm

Cty TNHH Hoa Trooong Xuaan

泰国 Thailand

P.S.P Specialties Co., Ltd.

文莱 Brunei

K.N. Nursery (B) SDN. BHD

印尼 Indonesia

Komodo National Park

Halim Group

马来西亚 Malaysia

Goldfarm Enterprise

菲律宾 Philippine

Costales Nature Farms

Philippine Cut Flower Corporation

哈萨克斯坦 Kazakhstan

巴林 Bahrain

科威特 Kuwait

沙特 Saudi Arabic

约旦 Jordan

智利 Chile

Projects Show

International

澳大利亚Australia

Al-Taqwa College

新西兰 New Zealand

美國 USA

Premier Horticul Incorporation

Taida Horticultural San Diego

Half Moon Bay Orchids

Song Wei Orchid USA

墨西哥 Mexico

Financiera Agro Mexicana

哥斯达黎加Costa Rica

Challenge Horticulture Inc.

Sky One Orchid Garden

圣卢西亚Saint Lucia

毛里求斯Mauritius

University Of Technology Mauritius

苏丹 Sudan

肯尼亚Kenya

南非 South Africa

Kocho Orchid CC

Projects Show

ChangRong Horticulture Technology Co., Ltd.



The project locates in Huizhou, Guangdong. Total cover area 5200 M². Span: 8M, gutter height 4M. Covered with film, equipped with fans, pads, exterior shading, interior shading, thermal insulation, HAF, manual rolling bench, diesel heater, automatic control system etc.

Projects Show

SOGO Team Co., Ltd.



◆-----◆

Longtime partnered with Kunyu. Projects include breeding/nursery house, production house, laboratory. The standard Phalaenopsis GH equipped with ARGUS computer control system, automatic rolling benches system.

Projects Show

Wuhan Institute of Agricultural Science



One of the projects applied inflatable double layer film as roof, covers an area of 6,000M². Span 8M, Gutter height 3M. Equipped with fans, pads, exterior shading, interior shading, HAF, manual rolling bench, irrigation bar etc.

Projects Show

Urumqi Agriculture Science Park



The project covered with glass, 9.6M venlo type, total area 9,980M².

Projects Show

Holy-China Pharmaceuticals Co., Ltd.



The project covered with glass, open roof, guttered connect fully controlled greenhouse. Equipped with fans, pads, side ventilation, roof ventilation, moving irrigation bar, manual rolling benches.

Projects Show

Greenhouse in Hainan Island



The project locates in Hainan Island, South China Sea. Typhon visits this area multiple time ever year. It covers with twin-wall PC panels, 8 meters arch roof.

Projects Show

Phalaenopsis GH in Vietnam



Project locates in Dalat, Vietnam. 4 buildings total 8000 M². Span 12M, gutter 4M. Covered with film, comes with fan, pad, exterior shading, interior shading, thermal insulation, HAF, manual rolling bench, diesel heater, automatic control system.

Projects Show

Greenhouse in Kazakhstan



The project locates in Almaty, Kazakhstan, covers area around 4,000M². Covered with film, comes with fan, pad, exterior shading, interior shading, thermal insulation, HAF, manual rolling bench, finned tube heat exchanger, automatic control system.

Projects Show

Greenhouse in Saudi Arabia



Project covers and area around 4,000M2. Growing tomato, cucumber and vegetables.

Projects Show

Greenhouse in Sudan



Project in Khartoum, Sudan. Area about 3000M2. Side wall covered with twin-wall PC, roof with film. With fans and pads system.

Contace Kunyu

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KUNYU

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Thank you for your time