Netherlands

NL Protected Agri Alliance China

Joining forces for food safety and food security in China

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Foreword

I am proud to announce that a group of thirteen companies and two educational institutes from the Netherlands have joined forces and operate in the Chinese market as a cluster. The objective of this cluster is, and I quote, 'Positioning horticulture as an indispensable partner in China by offering sustainable, high-quality and innovative technical solutions, taking into account challenges in the field of water and climate, as response to the local need to become more self-sufficient in producing fresh, healthy, affordable and sustainable food in China'.

Becoming more self-sufficient is a priority for the Chinese government. Not only at the central level, but also individual provinces and urban agglomerations have this as a priority. China is also striving for greater efficiency and sustainability in agriculture, especially in horticulture. China has a rapidly growing middle class. Not only in the 'first tier cities' Beijing, Shanghai, Guangzhou and Shenzhen, but also in the 'second tier' and 'third tier' cities. This growing middle class is demanding high quality and availability of horticultural products.

With the advent of high-tech horticulture, constant high quality vegetables can be guaranteed. The consortium members of this Dutch horticultural cluster cover the entire chain. Not only greenhouse technology, but also starting material, production knowhow and marketing knowledge. Training institutes such as Lentiz and InHolland are also affiliated, which I consider as very important strength of this cluster.
Their focus will be to support China in developing a new generation of horticultural production managers and leaders.

The developments in the Chinese horticultural sector offer great opportunities for a close cooperation between our two countries. By collaborating with the Chinese sector, this Dutch horticultural cluster is committed to contribute to a flourishing sector in China.

Wim Geerts
Ambassador of the Kingdom of the Netherlands

Joining forces for food safety and food security in China

A public-private initiative from the Netherlands

China is urbanising rapidly. To meet the urban demand for fresh, safe and affordable food, the Chinese government wants to modernise its agriculture sector. The Netherlands can help China introduce technological innovations to increase productivity per hectare and reduce its water and energy use, while training China's agricultural labour force to farm the future. By combining our knowledge, expertise and technology, we help the horticulture sector in China respond to the government's ambition to produce more high-quality fruit and vegetables locally.

Horticulture in the Netherlands

To achieve food security now and in the future, we need to substantially increase our supply of safe, nutritious and tasty food. The Netherlands aims to contribute to this vision by supporting food producers around the world to optimise their production.

The agricultural ecosystem

The Dutch horticulture sector feeds millions of people around the world. For over a century, we have been growing a wide variety of fruit and vegetables on a small surface, using state-of-the-art technology and sustainable techniques. The foundation of our success is the collaboration between our governments, companies and knowledge institutions. Together, this triple helix develops the tools required to farm the future. We are a forerunner in sustainable and energy-efficient greenhouse horticulture, based on sustainable energy sources, use of LED lighting, CO2 capture and efficient use of residual flows.

Based on this experience, we know collaboration is needed to optimise global supply chains. To realise long-term improvement, we continuously test and finetune our methods, while we educate local staff to become the well-skilled and experienced managers vital for success.

Alliance for feeding megacities

The Chinese government's ambitions for the agriculture sector are high. With our innovative cultivation methods, NL Protected Agri Alliance China can help realise strong agricultural growth for China. We are a group of Dutch private companies and research & education institutes from the horticultural supply chain, supported by the government of the Netherlands. The alliance is led by the agricultural counselor of the Netherlands Embassy in Beijing, together with the Netherlands Enterprise Agency and Dutch Greenhouse Delta.

NL Protected Agri Alliance China was established to cocreate and co-develop solutions that can help China reach food security and food safety. Our partners are eager to establish a long-term partnership with China, based on exchanging technologies, experiences and knowledge. In close cooperation with the Netherlands Embassy, we aim to support China in modernising the local horticulture sector following the central government's vision. With our combined knowledge, technology and experience we can accelerate achieving your food security and food safety.

Our partners are industry leaders from the Netherlands, with many years of experience developing and applying innovative technologies to grow nutritious and healthy crops. Together, we cover all aspects of modern horticulture, from cultivation and managing greenhouses to after-sales, logistics and training, education and research. We can facilitate your transition from low and mid tech solutions to high tech solutions, and help you take the next step towards making your farm a more sustainable and profitable business.

Together with Chinese partners, we aim to develop an ecosystem in which valuable resources such as water and energy are optimised to achieve the best possible yield. We offer integrated and sustainable high-tech agroparks, a total concept developed jointly by our sector parties and their chain partners. By adapting our proven technology to local circumstances, we can support you to produce ultra-fresh, safe and sustainable fruit and vegetables. All year round, against fair process, and as close to the point of consumption as possible.

Finding the optimal solution

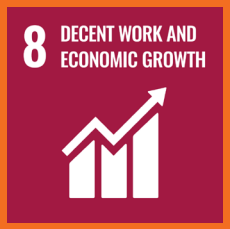
Our partners are experienced in all climates and regions, allowing us to find the optimal solution anywhere in the world. We have previously worked on successful and profitable projects covering the entire value chain in China, but also in Korea and the rest of southeast Asia. The numerous large-scale smart horticulture projects were already launched throughout China are good examples of a very successful Chinese-Dutch horticultural collaboration.

By working together, we can accelerate the transition to more sustainable horticulture and increased food safety and security in China. Together we can unlock China's full horticultural potential.

The members of the alliance will be introduced in this brochure. Together we cover the horticultural supply chain. We wish you pleasant reading and are looking forward to collaboration with local parties in China. Don't hesitate to contact Dutch Greenhouse Delta or one of the alliance members for further information.

SDGs

SDG 03 | Good health and well-being:
The aim of the cluster is to increase the availability of fresh, healthy and locally produced food;



SDG 08 | Decent work and economic growth:
Encouraging "fair" and "decent" work and involvement of the local community should promote economic growth.

SDG 11 | Sustainable cities and communities:
The cluster stimulates local and sustainable production through Dutch technology and knowledge transfer, such as reducing CO2 emissions and water;

SDG 12 | Responsible consumption and production:
The current Dutch horticultural technology can serve as an example for the transition towards climate-neutral production systems and already has many circular features;

Company profiles

BASF

Vegetable breeding for the 21st century

BASF Vegetable Seeds focuses on creating vegetable varieties that meet local market needs for nutrition, health, convenience, sustainability and profitability. BASF strives to develop consumer-oriented vegetable solutions through strong partnerships with customers and companies in the value chain.

USP's

- Innovative breeding
- Co-creating vegetable solutions with partners
- Key focus on customer needs
- Profound market and cultivation knowledge
- Solid partnerships throughout the industry
- Smarter consumer-centric innovation

Together, keeping ahead of a changing world
Rapid transformations are taking place. At the same time, we must meet consumer demand. Due to culinary preferences and lifestyle changes, consumers want a wider range of vegetables that are both tasty and healthy. By developing suitable varieties and forging partnerships throughout the entire industry, BASF aims to keep ahead of a changing world. It believes collaboration and synergies inspire innovation and lead to even smarter solutions.

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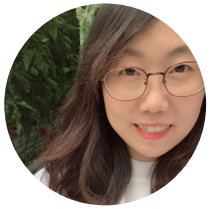

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Bayer Vegetable Seeds

Dedicated to serving protected-culture growers, De Ruiter's commitment to research & development and innovative breeding programs means we consistently lead the field in tomatoes, peppers, cucumbers, eggplant, and other crops suited for the protected environment. But what we are most proud of is our enduring partnership with growers. Using our global network and partnerships, we'll have the ability to anticipate market trends and develop shared solutions to help grow future success for the entire value chain.

Sustainable and profitable cultivation

A commitment to growth: Our pledge to grow your business extends far into the future. We know your needs are constantly changing along with the needs of the industry and consumers around the world. We are committed to evolving and innovating along with you. This commitment will empower not only your growth but the well-being of people everywhere. Let's work together to ensure your crops provide exactly what people want, and need, to thrive.

Why Bayer De Ruiter?

- Global market leader for vegetable seeds
- Dedicated to serving high-tech glasshouse growers
- Tomato rootstock for increased vigor, endurance & resistance
- Value chain partnership to meet the consumer needs
- Technical support to trive the value of our genetics

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BOAL Group

BOAL Group provides greenhouse builders with a comprehensive portfolio of modular systems and solutions for high-tech-covered cultivation. It ranges from complete aluminum greenhouse structures with integrated insect netting and ventilation solutions to insulated storage areas, climate screen systems, or individual greenhouse parts.

They tailor their modular systems to the requirements of specific projects and deliver these direct to the construction site as a ready-to-build package. BOAL Group has a unique position in the value chain with its in-house extruded aluminum, which is 100% recyclable and a proven key differentiator, particularly in the current base material shortage environment.

Having established long-term collaborative relationships with regional and global greenhouse builders, BOAL Group has supplied over 8,000 hectares of greenhouses in over 50 countries. Their systems significantly contribute to feeding a rapidly growing global population whilst minimizing the use of resources.

Why BOAL Group?

- Five decades experience
- Tailor-made solutions
- Innovation and quality
- Financial strength
- Care for people and the environment

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Dutch Greenhouse Delta

The world demands the best solutions for fresh fruit and vegetables and flowers. That's what we can offer.

Global cities are growing and new metropolises will be added to the map in the coming decades. Increasing population density, climate change and resource scarcity such as water are increasing the demand for smart, integrated solutions for the production and distribution of tasty, healthy and safe food. Flowers and plants are indispensable, too, surrounding people with the beauty of nature, bringing colour to homes and even purifying the air. The Netherlands is the largest exporter of food, plants, flowers and seeds – our technology and know-how in this industry are world-famous. It's a unique achievement for a small, densely populated country. The Netherlands is the world champion in horticulture per square metre, thanks to a unique 'ecosystem' of growers, suppliers, greenhouse builders, installers, seed breeders, research institutes and universities. This 'Dutch Delta' offers opportunities and solutions for world cities such as Shanghai, Lagos, Jakarta and Sao Paulo. However, in order to tackle the problems facing the world and its major cities, we need to further join forces as a sector.

For the world and for each other

Dutch Greenhouse Delta (DGD) is a powerful international platform, created to promote Dutch horticulture worldwide and to make sure that we're identifying and capitalizing on opportunities. It's a single label under which various partners join forces and enable common growth. In doing so, we're ensuring that growth for the sector and its individual companies go hand in hand with providing solutions to an ever-increasing lack of space and food worldwide. We offer the entire horticultural ecosystem of Fork2Farm, consisting of science, enterprise, education, and government, in several focus regions, such as China.

Dutch Greenhouse Delta has the ambition to contribute to the provision of healthy, affordable, nutritious, and safe food that is produced sustainably and locally.

State-of-the-art companies and the branch-organization AVAG have committed to DGD, and are working together to make the large and complex projects of tomorrow a reality. We are well aware that, as a horticultural sector, we need to collaborate with other industries such as water, mobility, energy, and logistics. Where necessary and possible, we will involve local partners, as well. This enables us to offer total solutions built on a Dutch foundation.

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Grodan

Grodan is part of the ROCKWOOL Group and was founded in 1969. Now Grodan is active in more than seventy countries worldwide. Grodan produces stone wool growing media for cultivating plants in soil-less conditions under glass. By combining these with the principles in the Precision Growing model all our solutions are perfect fit for the specific needs of flower and vegetable cultivation. Both innovative and sustainable, these solutions come with personalised advice and decision-making tools developed by Grodan.

Precision growing = minimum input, maximum output

Precision Growing is the principle that leads the strategy of Grodan. In short the Precision Growing is most efficient way of high-tech horticulture. Growers who specialise in this way of horticulture are able to achieve maximum output with minimum input. By continually measuring the progress of the cultivation process and directing it where necessary, they succeed in achieving an optimum harvest without wasting resources. In this way, they not only reduce costs and improve their company's cost-effectiveness, but also help to protect the environment and contribute to a sustainable future.

Sustainable substrate for sustainable production

Grodan is thus contributing to sustainable production of healthy, appetising, and fresh produce for the benefit of consumers and the planet. And sustainability plays a prominent role within Grodan, from the manufacture to end-of-life solutions. The below certifications confirm this: ROCKWOOL is ISO 9001, ISO 14001 and Kiwa certified. Grodan is also the first manufacturer of plant-growing substrates to have obtained the EU's Ecolabel, the certificate which testifies to a company's compliance with Europe's various environmental and product quality requirements. Grodan is also an "associate member" of GLOBAL G.A.P.

Food safety

Grodan's stone wool substrates are totally inert both chemically and biologically. The requirement to use 1,500°C when manufacturing, eliminates risk of contamination from any fungicidal, bacterial or other pathogens. In addition, Grodan substrates are totally pesticide-free and by enabling better control of vegetal growth, they also limit the potential development of diseases. Also, the mineral nature of the substrate ensures perfectly clear drainage water.

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HX Agriculture

HX Agriculture B.V. is a part of the Partners for horticulture International Business (PIB) and a member of the Dutch FOODVALLEY Green Food Valley Alliance.

The company is committed to integrating the agricultural technology and financial chain resources of China and Netherlands by investing in the construction of the agricultural industry "Sino-Dutch smart agricultural science and technology Industrial parks". We are building bilateral agricultural resources sharing platform, to establish a modern and sustainable development of high-efficiency agricultural industrial clusters and unifying products into the Dutch transit trade system for the sake of providing green and healthy food to the world.

The industrial park has introduced Dutch agricultural management and technical standards through an establishment system. Combining local specific agricultural industries, jointly promoted development and forming a modern intelligent (digital) agricultural industry service cluster with Chinese characteristics. By exporting high value-added crops, seedlings, technology, equipment, talents and financial services to surrounding areas we are helping the adjustment of the local agricultural industry structure. HX Agriculture realises the integrated development of rural tertiary industries by leading the development of smart digital agriculture and promoting the revitalization of rural areas. On the basis of win-win cooperation, we make contributions to Sino-Dutch agricultural cooperation, the Belt and Road Initiative, and rural revitalization.

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Imagro

Creating opportunities by connecting ambitions and new strategic alliances

Imagro is a lead agency specialized in strategy & creation for agri-, horti and vertical farming business. For us there is a difference between B2c B2B and B2Farm. Imagro really understands the language between consumer and producer. From farm to fork. From management in the greenhouse to category management in retail. We embrace the vision behind the sustainable urban delta, https://www.sustainableurbandelta.com/. Imagro was for the first time active in China in 2005, in Kunming, last years we were active for the vision and strategy behind Green Dragon Lake in the sixt circle of Beijing.

Imagro is established in 1994 by Roger Engelberts, he was the last six years also professor co-creative entrepreneurship at the HAS University of Applied Science. From being self-employed, Roger and his partner, Carlien van Bergen, built up a successful strategy and creation consultancy business, specialized in agri, food and rural areas. New perspectives on agri-food and environment, that's what this company brings in.

Judith is COO of Imagro, strategist and concept-developer. She is also responsible for the community-building for all companies active in the Dutch Vertical Farming industry. To create a sustainable world we need to adopt new perspectives, change our behavior. Social challenges? We see social challenges as a mirror for innovation and a chance to widen your horizon. To us, complex issues are the key to change and innovation. A new business model. An unexpected partnership. A revolutionary strategy. A sparkling design. Together, we can create new answers! Are you ready for take off?

Expertise

- Creating vision
- Business development
- Strategy
- Concept development
- Online marketing & development
- Marketing communications
- (Packaging) Design

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Inholland

We are a university of applied sciences that offers international education and conducts applied research for professional practice.

We offer broad, accredited bachelor's programmes at various locations throughout the Randstad region. In a wide range of fields: from innovation to business and from technology to media.

Our teaching on the themes of sustainability, health and creativity is unique. Students and lecturers work on these areas in conjunction with professional practitioners, authorities and social partners. We challenge students to dare to learn. We take a personal and accessible approach, operating on the conviction that success and adversity are twin catalysts for professional and personal development, for both lecturers and students. Diversity is an asset in this regard.

There are two types of universities in the Netherlands: universities of applied sciences (hogeschool in Dutch) and research universities. Inholland is a university of applied sciences.

The differences

University of applied sciences

- Education is more hands-on and profession-oriented.
- The emphasis is on obtaining skills and knowledge that can immediately be put into use in the professional field.
- More contact hours and more learning through doing projects.
- Typically takes four years to complete and always includes an internship.
- Prepares for a professional role.

Research university

- Education is more theoretical and scientific.
- The emphasis is on obtaining critical and analytical thinking skills in order to conduct research in a specific field.
- Fewer contact hours and more course material to study independently.
- Typically takes three years to complete, but usually does not include an internship.
- Prepares for an academic, research or professional role.

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Kenlog

Kenlog is strongly involved in innovative and sustainable developments for the production and distribution of vegetables, herbs, flowers and plants.

It plays a key role in a network of specialized companies by providing services for the development, implementation and coordination of production, trading and logistics processes.

Our vision

It is Kenlog's ambition to contribute to the world's growing demand for safe and healthy food. The next level of flower and food production will be characterized by sustainable local-for-local, safe, efficient and high-quality production methods. Collaboration, sharing and transferring of knowledge and expertise form key conditions for a successful implementation of this vision.

Our services

- Horti & floriculture supply chain management
- Crop cultivation techniques
- Post-harvest management
- Primary food processing and packing
- Greenhouse design and management
- Indoor farming
- Open field farming
- Circular (agro-)economy
- Feasibility studies
- Cost-benefit analyses
- Project coordination and management
- Project development, contracting and turnkey delivery
- Trainings

Unique selling points

- Know-how, skills, experience and partners in the entire food- and floriculture supply chains
- Practical, hands-on approach
- Pro-active involvement and commitment
- Demand-driven solutions, focussed on the client's situation and immediately implementable

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KUBO

At KUBO we can now look back at 75 years in horticulture. A stable family company with the third generation now at the helm.

KUBO manages complete greenhouse projects. Contracting, engineering, manufacturing, construction and service. All under our own management. This enables us to monitor the entire process, deliver on time and be certain that we are using the latest technologies and concepts. Demand for food safety, CO2 reduction and locally, safely produced products is on the rise. At KUBO we are convinced that we can respond to these challenges. For that reason, we continue to develop and test new technologies and sustainable production facilities and services.

Innovation is in our genes. It is the condition for progress. That's why we continue to develop and test new technologies and options. The Ultra-Clima has obviously always been an innovation in itself.

The greenhouse concept is based on a number of pillars:

- Improved production;
- Maximum food safety;
- Minimum energy consumption;
- Minimum water consumption;
- Reduced CO2 emissions;
- And optimum returns.

With Ultra-Clima greenhouse technology and smart growing concepts, you create the ultimate environment that uses the least energy and water, whilst ensuring minimum risk and maximum return. Whatever your wishes. Wherever you are. The future of greenhouses is blue.

KUBO Smart Growing

KUBO Smart Growing makes our high-tech horticulture accessible to all. With feasibility studies, KUBO Smart Growing offers concrete insight into wishes, possibilities and local circumstances, so that we can help you achieve optimal returns. KUBO Smart Growing designs and implements organization systems to continuously monitor and improve the quality of your organization. KUBO Smart Growing analyses real-time information from horticultural companies to continuously monitor and improve cultivation, management and organization. Provides advice and personal support that meets the needs and local circumstances of horticultural companies worldwide.

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KuiperCompagnons

KuiperCompagnons provide services for the development of innovative and integrated spatial (re)development visions, strategies and designs.

Improving the individual systems that make up a city will increase the liveability of the city overall. We focus on the critical needs of people within the diverse systems of the city and place people central when searching on how we can contribute to improve the lives of growing number of people in urban areas around the world. Water, energy, food and shelter need to be secured to sustain the next generations into our megacities of the future. Stable economies, strong leadership, cohesive and engaged communities, employment opportunities, healthy environment and qualitative and accessible education is required to create liveable and loveable cities.

Energy transition

Successful circular and adaptive (urban) landscapes require a balance in size, scale and complexity when it relates to havesting renewable energy. The current central and large-scale energy production is sensitive to geopolitical dependence, makes a country or municipality vulnerable and does not appeal to any form of pride and self-determination of the local citizen. Small-scale individual energy production at plot level alone will not bring us to 100% sustainable generated energy on time. They also lack an integrated vision and are too small-scale to contribute to other spatial agendas.

Adaptive planning

Most cities are located in delta area's and are facing new challengesbecause of climate change, land subsidence, urban heat island stresses, flash flood and storm water challenges as well as sea-level rise. A resilient delta city strategy helps cities to become robust and resilient and able to meet these challenges. Such strategies are based on an integrated approach that combines issues of safety, health, habitability, mobility & energy and which include all urban stakeholders. A more widespread result of the urbanisation is the increase of hard surface within the urban fabric, resulting in stormwater runoffs and land subsidence.

Food resiliency

The world population is growing, and megacities are expanding. The biggest cities tend to be located in delta areas. The current urbanisation rate will further transform fertile agricultural delta land into city scape, making food security an increased issue for most cities and therefore the quest for new and sustainable ways of producing food increases. To secure the accessibility and affordability of fresh and healthy food for the growing population in the cities of tomorrow, we need to unlock the potential of Urban Agriculture.

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Lans

A true family business

Lans is a greenhouse horticulture business with 79.1 hectares spread out over two regions. The company grows plants in greenhouses in Westland/Maaland on 31.6 hectares, Dinteloord on 26.8 hectares and in Zeeland (Rilland) 20.7 hectares. Lans grows the following varieties of (vine) tomatoes: medium-sized vine tomatoes, plum vine tomatoes, cocktail vine tomatoes, mini vine cherry tomatoes, mini plum vine tomatoes and loose tomatoes. . You can rightly say that the company has specialised in the all year round growing of the tomato fruit vegetable. It is still a true family business with Leo, Vincent and Erwin van der Lans as Directors. In addition, Edwin Ruigrok is active in management as the Financial Director.

Mission

Lans wants to be a top tomato producer that manages to attain economies of scale and cost benefits through its collaboration with other growers and achieves good profit margins because of its partnership in the chain. The customer's demand always has the highest priority within this context. Lans wants to be a good employer for its staff where employees find challenges and opportunities and enjoy their work. Lans is always searching for innovations. To reduce costs and to improve margins.

Lans and growing tomatoes

Lans grows different varieties of (vine) tomatoes for different markets on a year round basis. Cultivation is simply very important to Lans to guarantee tomatoes of the highest and best quality. The different sites are equipped with the most modern resources and up-to-date greenhouses for this purpose. Cultivation resources are very important when growing such as water, fertilisers, crop protection and workers. Lans tries to grow crops in a responsible manner. This means recycling water, efficiently deploying fertilisers and far-reaching organic deployment with regard to crop protection. It is important that quality and costs go hand-in-hand with regard to the work.

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Lentiz Education Group

Lentiz is an Education Group in the Netherlands, specialized in vocational education and training in the agri-/horticultural sector and related fields.

Lentiz Education Group has built up worldwide experience and expertise, and an extensive network. Over the past decades, Lentiz has gained international experience and knowledge in the fields of horticulture, floriculture, food processing and supply & cold chain management, and is sharing its knowledge abroad. Our teachers and instructors are well equipped to develop and implement training programs for our two main target groups:

- Students and teachers of Vocational Colleges, Universities and other institutions for higher education in horticulture;
- Employees, Operators and Managers of modern horticultural projects (established by large government or private sector investors), to boost their understanding of Horticulture, Floriculture, Gardening and Landscaping, Marketing & Sales of Fresh Produce, Food Processing and Supply & Cold Chain Management.

Lentiz in a nutshell

Lentiz is an internationally oriented Education and Training Institute, part of The Netherlands' national education system. Focus on practical skills and Learning by Doing.

- Broad range of activities in Europe, as well as in China, India, Korea, Japan, ASEAN countries of South East Asia, South Africa, Kenia and the Middle East (Jordan, Iraq, Oman).
- China: e.g. Beijing, Shanghai, Ningxia, Liaoning, Jiangsu, Shaanxi and Yunnan.
- India: e.g. Gujarat Knowledge Society, Delhi.
- Founding Partner and main education institution of the World Horti Center, Westland top-level horticultural region, the Netherlands.
- Accredited BTEC Center (Business & Technology Education Council) by Edexel/Pearson, enabling Lentiz to issue Diplomas and Certificates which are acknowledged in more than 100 countries.
- Member of various international agricultural networks, such as Food Tech Holland.
- Participating in large-scale horticulture development and innovation projects in China and other countries, with consortia like Dutch Greenhouse Delta (DGD) and World Horti Center.
- Participating in the Human Capital Agenda of the Dutch government and the Greenport Horti Campus.
- Member of China Urban Modern Agriculture Vocational Education Group.
- Member of China (North) Morden Forestry Vocational Education Group.
- Member of Jiangsu Agri-Green Port, China.

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Ridder

Climate change, drought, population growth – our changing world presents a huge challenge for the agriculture and horticulture sectors

For more than 65 years, Ridder has been providing the global horticulture sector with smart, well-designed technical solutions that make growing in large-scale greenhouses simpler, more sustainable and more effi cient. The eff ective systems developed by this Dutch family-owned business provide solutions for complex problems involving mechanization, climate control, water management and automation.

At Ridder, the drive to innovate is in our DNA. All this has made Ridder a leading manufacturer of advanced process computers, irrigation systems, management systems, drive systems and climate screens. Ridder's practical solutions facilitate sustainable horticulture in any climate, anywhere in the world.

Ridder is a fast-growing organization with over 340 dedicated employees and international offi ces across three continents. With the support of its extensive international partner network, Ridder's solutions contribute directly to the efficient and sustainable cultivation of food and flowers in over 100 countries.

The basis for successful growth

Innovative technical solutions for protected horticulture and indoor farming:

- Drive systems
- Climate screens
- Climate control
- Water treatment systems
- Labour tracking systems
- Ridder HortOS

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Svensson

Established in 1887, Ludvig Svensson is a family-owned business with more than 130 years of experience in the textile industry.

Our climate screens, which are produced in Sweden and sold around the world under the name Svensson, improve the success of professional greenhouse growers, enhancing the overall greenhouse climate.

Svensson's functional solutions include textiles that have been engineered for the greenhouse to conserve energy, moderate temperature extremes and fluctuations, control daylength and reduce pesticide and herbicide usage.

Climate screens for greenhouse cultivation

The Svensson climate screens give the grower more effective climate control. No matter where in the world the operation is located, Svensson knows how to make the most of your natural climate. Svensson Climate Advice is the name of the service we provide so you can be sure you're getting the right climate screen for your crop and growing conditions. This tailor-made climate and screen advice includes recommendations on how to make the most of your new climate screen in everyday situations.

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Viscon

At Viscon Group, we envision a world in which people, plants, and animals can thrive. We specialize in factory automation for agriculture and food. Through state-of-the-art technology and knowledge, we make food and agriculture processes sustainably profitable, scalable, and user-friendly.

We know no bounds when it comes to adventure, diversity, and inspiration. As tech enthusiasts, we dive head-first into challenging processes, using technology to create innovative solutions. We dare to experiment. The development of ideas and talent: that's our goal!

Our expertise:

- Breeding & Micropropagation solutions
- Young plant automation systems (seeders, graders, transplanters, irrigation)
- Hydroponic DWC cultivation systems
- Vertical farming automation systems
- Packhouse automation systems (post-harvest, packing & storage)
- Traceability & control software
- Sophisticated vision and AI solutions to automize your process.

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Let’s partner up!

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