



GREENHOUSE
TECHNOLOGIE



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ABOUT US

Artcan Tarım is a group of companies which with its modern, innovative and professional team using the capabilities of modern agricultural technologies creates the best projects for its investors.

Artcan Tarım creates original solutions using its knowledge, skills, methods and gained experience in the sector.

Artcan Tarım organizes and carries on all the process of investment in modern technological greenhouse including preparation of project and feasibility report, carrying out formal procedures, supply of the equipment, construction and installation works, organization of production activities, training of technical team, packaging and marketing of products.

GREENHOUSE ACTIVITIES OF ARTCAN

- 1-Project and consulting services
- 2-Equipment, construction and installation
- 3-Production
- 4-Export and marketing



PROJECT DEVELOPMENT CONSULTING SERVICES

We carry out the comparative technical analysis of the region where the investing in the greenhouse is planned (region structure, meteorological data, manufacturing environment, region demographic structure, logistics and market conditions).

After the region for investing is defined we study the official procedures, analyze the possibilities of laying out electricity, water and natural gas and set up a list of the necessary actions.



We check the possibility of practical realization; make the calculation of total amount of investment, the volume of production, output cost and sales revenue, as well as the calculation of financial and economic data, payback period. After that the information is submitted for the investor's consideration.

After approving the investing we provide the production and supply of the equipment, its transportation to the production area, perform the construction and installation works and ensure the completion of investment project in the specified period.

EQUIPMENT CONSTRUCTION INSTALLATION

We ensure the production and supply of all the equipment necessary for the investment project of a modern greenhouse.

On the basis of the peculiarities of the region under investment we make a choice of the best solutions in order to ensure the ultimate benefit.

We organize the production and delivery of the equipment to the production area.



After signing the agreement where all the details related to the equipment production and supply as well as construction and installation works are specified, the building site is set up, and the technical team is sent forth to start the construction and installation works.

In accordance with the previously set plan our experienced and professional technical team performs construction and installation works observing all the necessary standards and terms.



EQUIPMENT

1-Construction

We select modern and technological constructions for glass and plastic greenhouses and design them in accordance with the peculiarities of the project and production region.



2-Heating system

The installation of the heating system is made according to the production requirements and on the basis of the long-standing meteorological data. The shaping factors in the course of selection are productivity and efficiency.



3- Irrigation and automation system

The production and installation of modern systems of watering, automation, fogging, 2, as well as electricity supply systems are made in compliance with their functional application in the greenhouse. The system is installed so as to make it work smoothly after the production start-up. The production team goes through a special training for this.



4-Greenhouse internal equipment

Guided by the principle of quality and maximal efficiency we equip the greenhouse in accordance with the production processes: screening, insect-net, ground cover, circulation fans, and growing gutter.



5-Nursery

Due to the functional nursery system, which was completely designed by our company, along with the usual seedlings it is possible to grow big seedlings, which increases the productivity.

Besides growing seedlings, the designed nursery can function also as production area, which allows exploiting this area all the year round.





6-Artificial lightning

Taking into account the light intensity of the region of production we install the system of full or partial lightning of plants. This allows us to increase yield in the period from December to April when the harvesting capacity is the lowest and the prices are the highest.



PRODUCTION

7-Cogeneration systems

There is a relation between energy and economy; when your energy consumption increases then your cost also increases.

That is why in order to decrease your energy cost we install Cogeneration (CHP) systems. Especially for artificial lighting the cogeneration systems are a must. That is why when you produce energy at where you use it then your energy cost will decrease and independent to network there will be continuous and quality supply of electricity.



Our experienced and professional production team takes part in all the processes, starting from the stage of investment feasibility evaluation.

The compliance of the production to the investments is an obligatory part of successful productive activity.



After the initiation of construction and installation works we start training and including into the project a special production team.

Moreover, the investor wins support in the course of creating a technical team, and in case of its availability – in their special training.

All the activities, starting from the selection of production materials, seeds and seedlings out to the organization of production activities are carried out in coordination.

8-Greenhouse Vehicles

The equipment we use is functional and practical, which is necessary for maintaining the highest quality of the products in the course of growing and reaping as well as for the approved performance and management of works.

All the necessary spare parts are provided for all the equipment to ensure the smooth exploitation of each system.





EXPORT MARKETING

After the analysis of market conditions of the products under production, according to the market demand and quality characteristics we choose the sorts of products with the highest added value.

We carry on works on getting the right of production and use of exclusive sorts. We provide the creation of sales channels, first of all chains of supermarkets and hypermarkets, as well as establish the marketing department in the structure of the company.



Our mission is not only to supply greenhouse equipment to the investor but also to create cooperation in finding solutions which will give maximum advantage in the process of investment, production and marketing. At all stages from the beginning to the end of investment and production operations Artcan Group provides support for the

best investment and receiving of maximum profit. We are the only group of companies in the sector providing services under this concept and having organizational structure to meet the expectations of the sector.





Şirinyalı Mah. 1546 Sk. No:4/1 07160 Muratpaşa / Antalya / TURKEY

Tel: +90 544 612 72 72

e-posta: info@artcan.com.tr

www.artcan.com.tr