

GREENHOUSE TECHNOLOGIES

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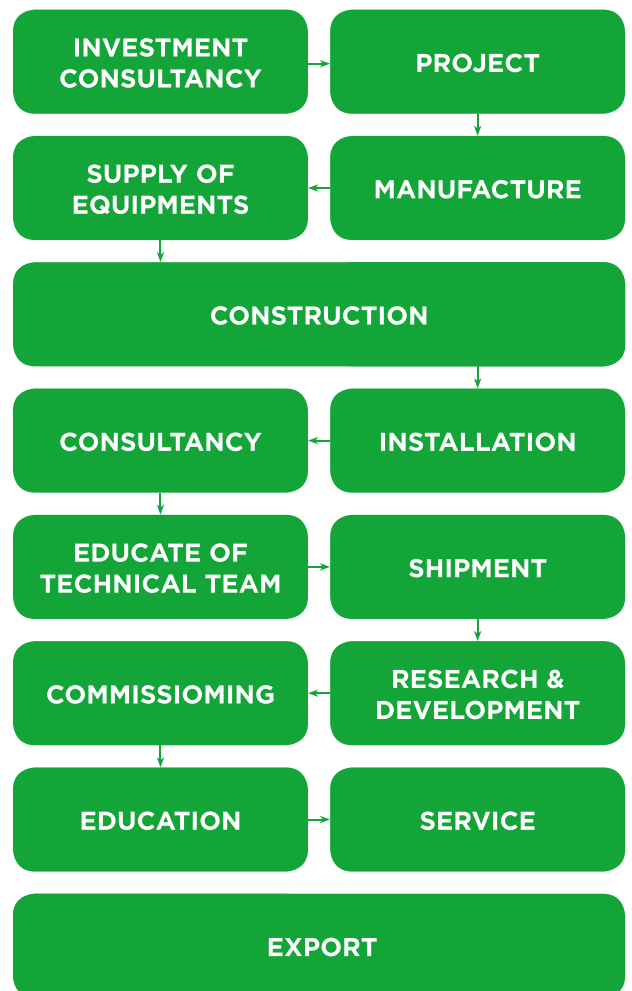


ABOUT US

Azom Group Agriculture; with its modern, innovative and professional team, has the basic principle of producing best projects to Investors by using modern agriculture techniques. It is a group of company, which builds venlo type, turnkey glass and also plastic greenhouses worldwide during more than 20 years.



FIELDS OF ACTIVITY



PROJECT INVESTMENT PHASE



In order to get best result from the field, comparative technical studies will be realized for regions where greenhouse construction is planned to be performed.

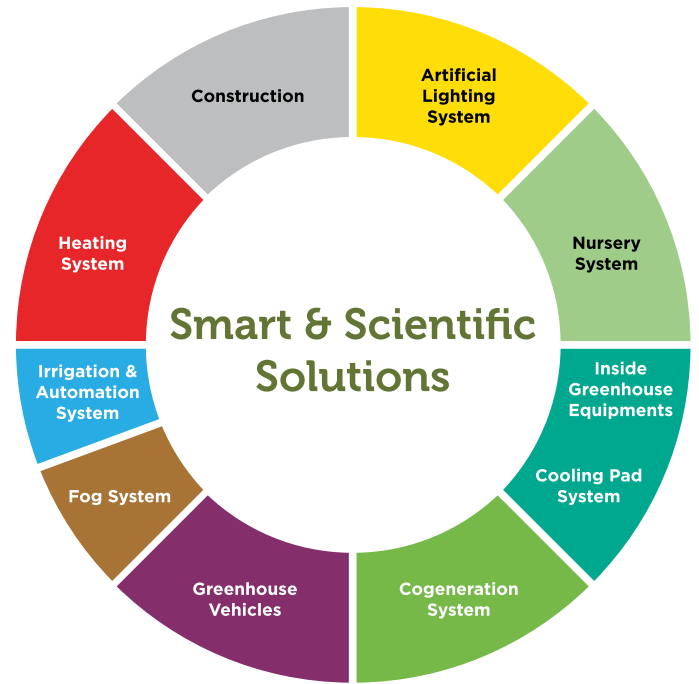
- **Structure of the field**
- **Climate data**
- **Production Conditions**
- **Demographic structure of the region**
- **Logistic**
- **Feasibility study**



PROJECT

- **Application projects are prepared for all greenhouse systems.**
- **Manual books are prepared for each system.**

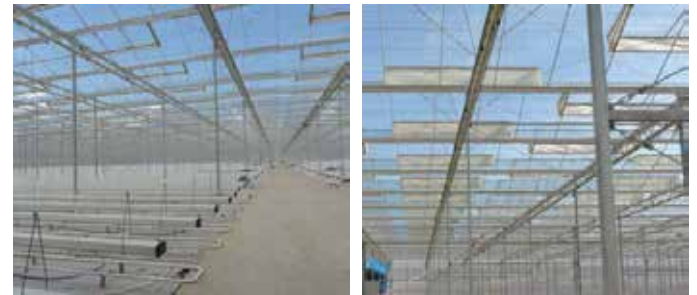
GREENHOUSE SYSTEMS



CONSTRUCTION

Azom Group complete all of the construction work.

For determination of the structure for the project we provide the design according to the climate structure



HEATING SYSTEM

Heating system Design;

- **Transport Line**
- **Overhead Heating**
- **Pipe rail Heating**
- **Crop Heating**
- **Snow Melting System**
- **Heat Storage Tank**
- **Pump Groups**
- **Collector Groups**
- **Boiler**
- **CO₂ System**



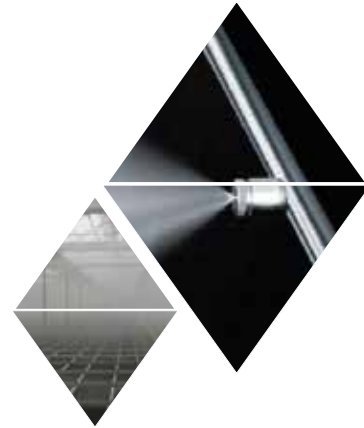
IRRIGATION & AUTOMATION SYSTEM

- Irrigation System Design
- Climate Control and automation system
- Remote control and controlling
- Irrigation machine
- Water storage tanks
- Fertilizer storage tanks
- Installation of irrigation system and commissioning.



FOG SYSTEM

High pressure fog system. Specific greenhouse systems are designed considering the climate of the region. At this point, the air will be chilled and moistened.



ARTIFICIALS LIGHTNING

- High Pressure Sodium lamps
- Led Lightining
- Top Lightining
- Inter Lightining
- Panel and transformer
- Cables





COGENERATION SYSTEM

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



- **Installation & Commissioning**
- **Indoor System**
- **Outdoor System**



INSIDE GREENHOUSE EQUIPMENTS



- **Screening System**
- **Ground Cover**
- **Growing gutters**
- **Circulating Fan**
- **Cooling Pad**

NURSERY SYSTEMS



Modular benching system.

We use nursery as seedling cultivation area and after this area is also used as a production area.



GREENHOUSE VEHICLES

- We supply all greenhouse vehicles.

MODUL AIR SYSTEM

- A better controlled greenhouse optimized use of energy and CO₂
- Minimum used of pesticides
- Increased yields
- Better quality of crops
- Sustainable production



CONSULTANCY

After implementation of construction works we provide the Investor with technical Consultancy and Support services concerning production and the other processes with help of.

At the production stage we render the agriculture Consultancy services with help of equipped and professional agriculture engineers.

TRAINING OF PRODUCTION STUFF

After starting construction and installation works we provide training of the production stuff, which is the part of our group and its integration to the project.

We provide training of technical team.



TRANSPORT

AZOM world wide logistics service
We have below logistic service all over world;

- Door/Door trucking service
- Project Cargo transport
- Ro Ro service
- Air freight service
- Flat rack and container service
- Break bulk transport
- Custom formalities all over world



OUR REFERENCE

Agroalyans

Akdeniz University Research&Development Greenhouse

Artcan Production and Research&Development Greenhouse

Balabanlar Greenhouse Facility

Beta Sedd Growing

Dicle University Research&Development Greenhouse

Dost Fide Nursery Plant

Ekol Fide Nursery Plant

Hatipođlu Agriculture

Kahveciođlu Agriculture

Kerman Development Agency

Keskin Greenhouse Facility

Numhems Seed Growing

Selinus Agriculture

Seminis Sedd Growing

Sütçü İmam University Research&Development Greenhouse

Uzmanlar Greenhouse Facility

YDA Holding

Yeditepe University Research&Development Greenhouse

Yıldız Teknik University Research&Development Greenhouse

Yüksel Sedd Growing

Lipeks -RUSSIA

Antalya-TURKEY

Antalya-TURKEY

Antalya-TURKEY

Yenişehir-Bursa-TURKEY

Diyarbakır-TURKEY

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