



TURKISH  
AUTOCLAVED  
AERATED  
CONCRETE  
ASSOCIATION

25<sup>TH</sup>  
YEAR



TURKISH  
AUTOCLAVED  
AERATED  
CONCRETE  
ASSOCIATION

BUILDINGS  
CREATING  
DIFFERENCE  
WITH **AAC**



TURKISH  
AUTOCLAVED  
AERATED  
CONCRETE  
ASSOCIATION

Kuzgun Sokak  
No: 78/6,  
06550 Ayrancı,  
ANKARA / Turkey

T. +90.312.440 91 15  
F. +90.312.440 91 85  
bilgi@tgub.org.tr  
[www.tgub.org.tr](http://www.tgub.org.tr)



BUILDINGS  
CREATING  
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WITH **AAC**



## TURKISH AUTOCLAVED AERATED CONCRETE ASSOCIATION

*We have been in charge  
for the solidarity and  
cooperation of our sector  
since 1990.*

"Turkish Autoclaved Aerated Concrete Manufacturers Association" was established by the companies manufacturing autoclaved aerated concrete construction materials and elements in November 1990.

The title of the Association was later on permitted as Turkish Autoclaved Aerated Concrete Association (Turkish AAC Association) by the decree of the Council of Minister on 20.11.2000 no:2000/186.

The purpose of the Turkish AAC Association is to seek solutions for mutual issues of our member companies and to direct both technical and economic improvements to be nationally beneficial for the professional progression as well as enabling a sectorwise environment of solidarity.



### The Association, by uniting the power of its member companies aims to;

- Draw attention to the energy loss due to heating demand of our country, and encouraging compliance with building thermal insulation rules in order to prevent the economic losses and environmental pollution,
- Encourage contemporary and earthquake safe building construction in Turkey located on a earthquake zone,
- Cooperate with international bodies and follow sectoral technological improvements and primarily sustain our country's AAC production being above the World standards.

*We are working to ensure maximum energy efficiency, fire and earthquake safety in buildings.*



## VISION MISSION VALUES AND PRINCIPLES

### The Mission of Turkish AAC Association

- Enabling the sectoral advancements and solidarity,
- Finding common solutions for sectoral issues,
- Increasing the recognition and reputation of AAC producers,
- Ensuring the sustainability of AAC production in accordance with the world standards in Turkey,
- Promoting the Turkish AAC Producers' production ability at the level of world standards,
- Supporting the academic studies for establishing and sharing of sectoral academic information,
- Within the seeking of public interest, encouraging modern building constructions, increasing the awareness on thermal insulation and fire safety and encouraging production and consumption of eco-friendly products
- Developing projects to introduce and promote AAC in the national and international construction materials sector,
- Giving support to increase the recognition and preference of AAC in both public and private sector investments.

### The Values and Principles of Turkish AAC Association

- Determines being a respected and reliable NGO as the most important principle.
- Acts with social responsibility based upon public interests.
- Believes in sharing the sectoral academic knowledge and supports the studies and works of the academics.
- Cooperates with NGO's with similar attributions.
- Supports its members activities accordance with ethic trade principles and corporate perspective.
- Requires its members to produce AAC according to related standards with high quality.
- Encourages the construction of modern buildings.
- Endeavours the increase of energy efficiency, fire and earthquake safety in buildings.
- Works for spreading the use of eco-labelled building materials.

### The Vision of Turkish AAC Association

- Locating itself as the information platform of AAC sector,
- Enhancing the recognition and reputation of the AAC manufacturers nationally and internationally,
- Performing activities for public benefit and creating ideas on energy efficiency, earthquake safety, fire safety and environmental aspects.



# TURKISH AAC ASSOCIATION BODIES

We operate in an **integrated** and rationalistic system with all our units.



## Technical Committee

Technical Committee, consisting of incorporation with 9 technical experts of member companies, has such duties; to conduct technical studies and built opinion to be able to provide the needed information to public and private sectors regarding AAC and make the preliminary preparations for the Board of Directors' decisions. Additionally, Technical Committee nominates a reporter depending on subjects of the agenda and making studies on designated subjects.



## Corporate Communications Committee

Corporate Communications Committee, consisting of 5 communication experts from member companies, works for; compiling short term and long term working programs and goals preparing "Corporate Strategic Plan".



## Capacity Evaluation Commission

Capacity Evaluation Commission, consists of 6 manufacturing experts from our member companies, works for determining the production capacity of our member companies, compiling reports and using these reports on both national and international studies.



## Fire Safety Working Group

Fire Safety Working Group consists of 7 technical experts from the member companies and it specifies the necessary passive fire precautions to be taken in buildings according to contemporary needs, offers these measures as opinions for fire regulations revisions and makes plans on increasing fire safety knowledge and consciousness.

We develop and progress with our members who are the leaders in their fields.

## OUR MEMBERS

### The Members of Turkish AAC Association

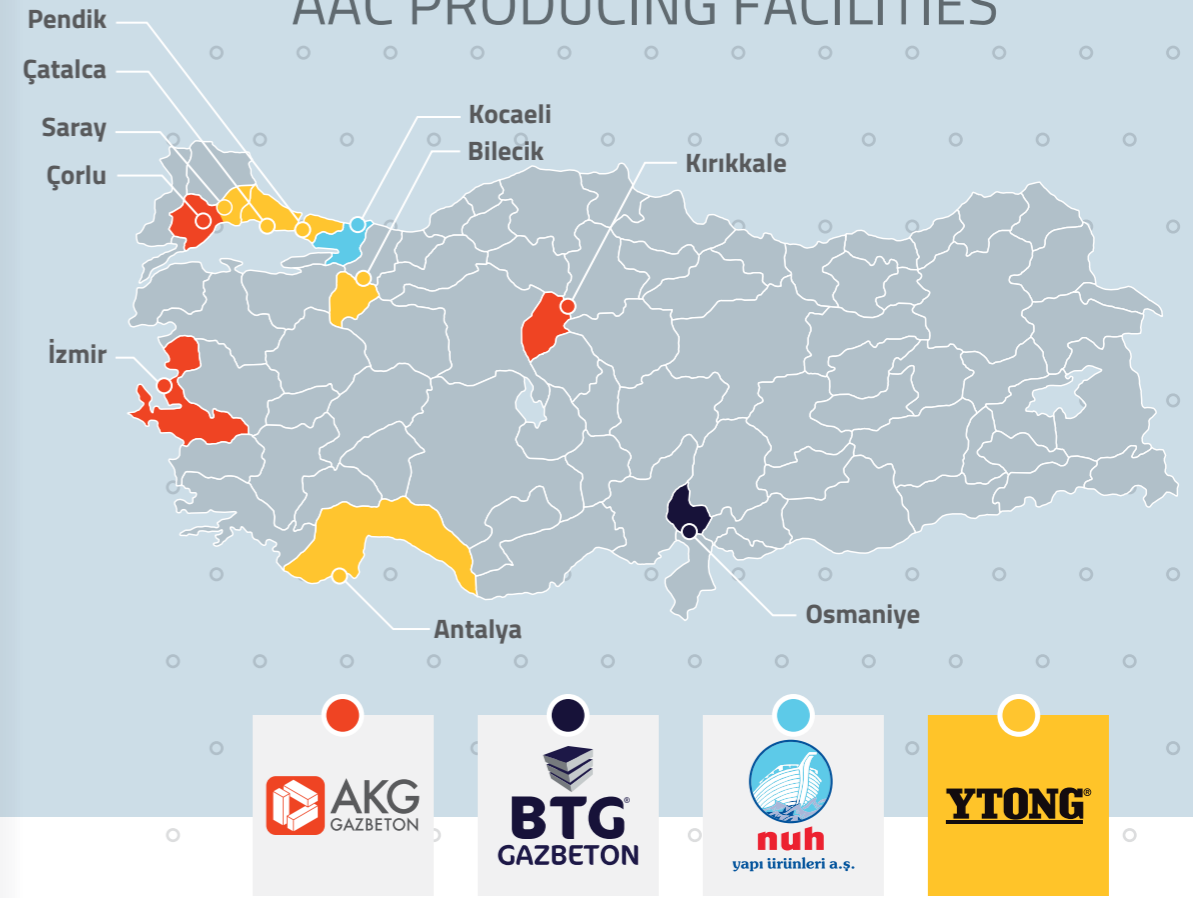
#### Why Become a Member of the Turkish AAC Association?

- To become a part of the sectoral development and solidarity,
- To take part in a platform providing solutions for common sectoral problems,
- To take part in respectable AAC manufacturers,
- To support sustainability of production of AAC at world standards in our country.

#### Conditions for Membership

- Companies;
- Embracing the Association's purpose and regulations,
  - Having no legal barrier to become a member,
  - Producing AAC in accordance with the European and Turkish Standards,
  - Registered to Chambers of Industry and Commerce can become a member of the Turkish AAC Association.

## AAC PRODUCING FACILITIES



### Our Stakeholders

#### Stakeholders of the Turkish AAC Association:

- Public institutions
- Non-governmental organizations
- Universities
- Architects and engineers
- AAC manufacturers
- Media

### Associations We Are a Member of

- ÇEDBİK, Turkish Green Building Council
- Turkey IMSAD, Association of Turkish Construction Material Producers
- YAD, Building Research Association
- EAACA, European AAC Association





**AAC  
SECTOR**

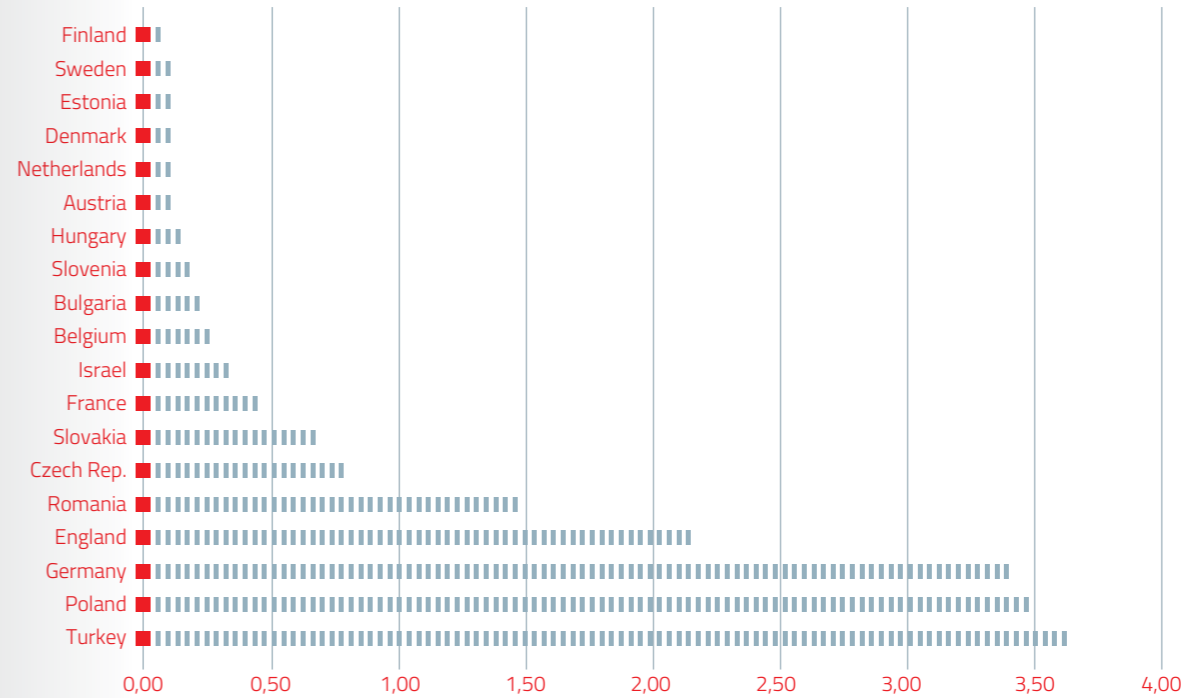
We are proud of being **Europe's number 1** with **3,6 million m<sup>3</sup>** of annual AAC consumption.

Turkish AAC Association has taken an important step for the construction sector, with regards to Turkey's integration to the European Union, by becoming a member of the European AAC Association (EAACA) in 1994 and hold the presidency of EAACA between 1997-1999.

EAACA, established in 1988 with the aim of enabling its members in compliance with European Standards and directives, is an international association with members from 20 countries.

EAACA has close relations with European Parliament and European Commission and working with related councils and commissions.

- |            |             |         |          |
|------------|-------------|---------|----------|
| Germany    | Denmark     | England | Poland   |
| Austria    | Estonia     | Israel  | Romania  |
| Belgium    | Finland     | Sweden  | Slovakia |
| Bulgaria   | France      | Italy   | Slovenia |
| Czech Rep. | Netherlands | Hungary | Turkey   |



Graphic-1 European AAC Consumption in 2014 (million cubic meter) \*

\* The total AAC consumption of Turkey is 4.2 million cubic meter in 2014 when the AAC producers which are not the member of Turkish AAC Association are included.

## AAC in Turkey

AAC was used in Turkey first time in 1950's importing from Germany. And, first AAC factory has started production in Istanbul in 1965.

Since the day AAC production had begun in Turkey, a total of 50 million cubic meter of AAC was produced and used in approximately 4 million modern and healthy buildings during 50 years. The cumulative energy saving coming from these buildings which is provided by AAC difference is above 20 billion USD.

As of 2015, there are 13 AAC production facilities belonging to 7 companies in Turkey. Four of these companies are the members of the Turkish AAC Association and they have the production capacity of 4.2 million cubic meters of AAC annually, in 10 factories located in Tekirdağ (2), Istanbul (2), Izmir, Bilecik, Antalya, Kırıkkale, Kocaeli and Osmaniye.

Today, Turkey is acknowledged as one of the biggest global AAC producers. Turkey is the leader AAC producer country in Europe. Continuing investments of the existing AAC producer companies and with the joining of new AAC investors into the sector, Turkey's AAC production capacity is increasing day by day.



Graphic-2 AAC Production Capacity in Turkey, million cubic meter (Turkish AAC Member Companies) \*

\* The total AAC production capacity of Turkey is 4.8 million cubic meter in 2014 when the AAC producers which are not the member of Turkish AAC Association are included.

