



COLOMBIA – Northern West corner of South America
Population – 44 MM
4th Economy of the region

GDP - real growth rate:

4.2% 2010
2.5% 2009
2.4% 2008

ACAIRE

Acaire was founded 30 years ago in response to the needs for an associative entity able to integrate the efforts of the HVAC sector and their leaders. Over the years ACAIRE has worked in achieving national unity in order to create a good communicative environment that covers all our affiliates, including: manufacturers, installers, end-users, universities, professionals, technicians and students, which all are invited to become active members of our association.

One of the main activities developed thru the years has been focused on training and updating our associates thru courses and seminars across the country on different professional topics, where, on the other hand, international and local manufacturers are invited to promote their new technological advances and products. Also meetings are being held regularly with related Government agencies and Universities where energy, health and research topics are being studied as part of our commitment to improvement and support our country needs.

There are still several goals and needs that are to be accomplished, hopefully in the near future, including the development of additional Colombian Technical Standards and implementation, development of Good Engineering Practices guides and a research HVAC development center, among others.



We believe that important objectives have been reached through our 30 year history, but it is also true that some other goals are to be achieved shortly in order to stay upfront of new technologies and worldwide trends regarding Economic Sustainability and Environment Friendly Energy technologies among others.

In this last particular topic Acaire is committed to increase our international exposure through related events and congresses where we can help create interests and agreements with other HVAC associations across the region and the world in order to develop a consistent and coordinated work in the near future.

Colombian HVAC market

The Colombian HVAC market has shown over the last years a constant positive growth prompted by a stable economy and an increasing international investment interest.

Big efforts from the political side and industry over the last years made it possible to overcome economic recession periods and create an atmosphere of stable economic development and attraction to international investors. Today construction activity is used mainly towards office and residential buildings, malls and big retail shops in large and mid-size cities around the country, with an important impact on the demand of HVAC systems.

Political and economic experts believe that Colombia will experience a continuous economic growth for the next five (5) years.

Colombian and South America HVAC market

Among the Andean countries of South America – Venezuela, Ecuador, Peru and Colombia- ours shows the longest stable democracy that, despite the particular guerrilla and drug affairs, is recognized as a stable growing country for incoming international investors.

One particular difference of the HVAC market compared to other countries remains in the fact that Bogota D.C., the capital with 8 million people, does not use extensive HVAC systems for domestic or commercial applications given the mild outside temperature and humidity across the year.

Bogota accounts for near 60% of the economic activity and is the wealthiest region of the country, which means that there is not a massive historic demand of HVAC products for above mentioned markets although there is a growing opportunity given the fact that because of the global warming effect of the Earth and an increasing personnel occupational density rates in offices, commercial HVAC demand have been growing during the last few years and today most new office buildings are being designed with HVAC solutions.

The most important worldwide trade names in HVAC industry do have branch offices in Colombia, i.e; Trane, York, LG, Samsung, Danfoss, Siemens, Emerson.

ACAIRE's main activities and resources

ACAIRE has structured the activities through committees in different areas as follows:

- Affiliations
- Curricular
- Editorial
- Ethics and by-laws
- Energy and Environment
- Financial
- International
- Standardization



REFRIGERACIÓN CHAPTER

Each and every one of the committees works on regular basis in order to provide uniform results across the year.

Most of our economic resources are obtained thru our academic activities such as courses, seminars, congresses, national and international fairs and training programs that are held at all levels: technical and professional.

Membership has had thru the last year an important rate of growth and we are focused in increasing this rate in the short term.

Some committee's current activities

Editorial

Acaire Journal- bi- monthly electronic magazine

ACAIRE web page www.acaire.org -monthly

Certification and Standards

Development of documents Good Engineering Practices GEP/BPI

BPI 01 Unit Conversions for HVAC+R

BPI 02 Safe handling of refrigerants

BPI 03 Indoor air Quality

BPI 04 Air Filtration

BPI 05 Cold Chain in agriculture

BPI 06 Cold chain in medicine

BPI 07 URE – Energy Rational Use

BPI 09 BPI 10 HC Refrigerants – in process

CURRENT ACTIVITIES

ELEVENTH EXPOACAIRE 2011

IV International Engineering and Thermal Sciences Congress

July 28th, 29th, 30th 2011

Cartagena, Colombia

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