


10 years
2017





The Chamber of Certified Architects and Engineers of Republic of Macedonia (CCAЕ*) merges all the engineering and architectural professions in the Republic of Macedonia. It is the only authorized institution to issue certifications to engineers and architects regarding their professional competences. The Chamber also issues confirmation of certifications of foreign engineers and architects working in the Republic of Macedonia. At the moment CCAE has more than 3000 active and additional 4000 non active members.

**CCAЕ - Chamber of Certified Architects and Engineers*

Apart from the national activities, the Chamber is a member also of the European Council of Engineer Chambers (ECEC), the World Federation of Engineer Organizations (WFEO) and the Engineering Initiative for Regional Cooperation (IIRS).

As a professional institution the Chamber actively participates in the continuous professional development of architects and engineers, supports numerous engineering symposiums, congresses and other professional events organized by other engineering associations in Republic of Macedonia.

The chamber has 12 professional departments for each engineering profession. The basic competence of these departments is to issue engineering certifiacities to architects and engineers in the Republic of Macedonia, confirmation of certifications of engineers from abroad, as well as organization of training for continuous professional development of the Chamber members.

CURRENT LEADERSHIP OF THE CHAMBER:

President of the Chamber Assembly:

Prof. PhD Mile Stankovski

Vice President of the Chamber Assembly:

MSc Bashkim Alili

President of the Chamber:

Prof. PhD Mile Dimitrovski

Vice President of the Chamber:

PhD Gajur Kadriu

Former presidents of the Chamber:

MSc Blashko Dimitrov, graduated civil engineer
(2012 to 2016)

PhD Strahinja Trpeski, graduated engineer architect
(2008 to 2012)





VISION

Positioning the Chamber of Certified Architects and Certified Engineers as an equal and relevant member of the international engineering community, active stake holder in the development of the engineering profession and factor in strengthening the role of engineers in society.

MISSION

Use the influence and authority of the Chamber and through cooperation with relevant institutions advance and improve certain provisions in laws and regulations in the interest of architects, engineers and the engineering profession as a whole.

ACTIVITIES

Continuous professional development of its members through organization of trainings
Issue and continuation of authorizations of domestic and foreign engineers and architects
Publication of the professional journal PRESING
Nostrification of foreign projects
Support to professional engineering associations in the state
Organization of seminars, conferences and other professional events

MEMBERSHIP REQUIREMENTS

1. Citizenship of the Republic of Macedonia
 2. Higher education in the relevant field (240 - 300 ECTS)
 3. Work experience after graduation of at least 3 years
 4. At least three references for every requested certification
- Links: <https://www.komoraoui.mk/ovlastuvanja/izdvanje-na-novi-ovlastuvanja.html>

PROFFESIONAL DEPARTMENT OF URBANISTS AND PLANNERS

Founded: 2012 (from 2008 to 2012 functions within the Architecture Department).

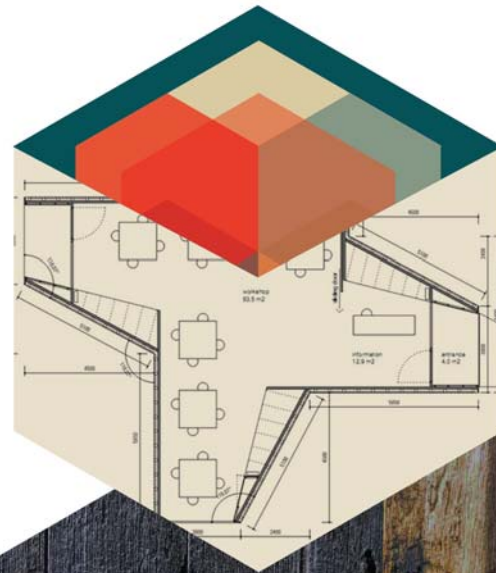
Number of active members: 218 (from a total of 516 members)

Head of the Department:

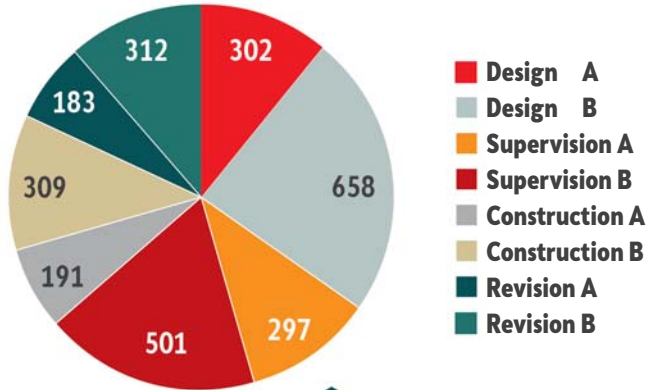
MSc Zaklina Angelovska, graduate engineer architect

About the Department: Construction starts with a previously adopted urban plan or urban plan documentation which requires the engagement of an urbanist, in charge of the spatial planning. The urbanist focuses on micro level spatial planning in difference to all other engineering professions that are focused on the micro space for the realization of a specific construction. Only a professional and scientific approach can provide humane living in an urban space.

Vision: Urbanism is a link in the engineering chain that should be a sublimite of the engineering unity and togetherness. In the Department professionalism should dominate in the adoption of urban plans and in the development of humane living.



Certification analysis:



PROFESSIONAL DEPARTMENT OF ARCHITECTS

Founded: 2008

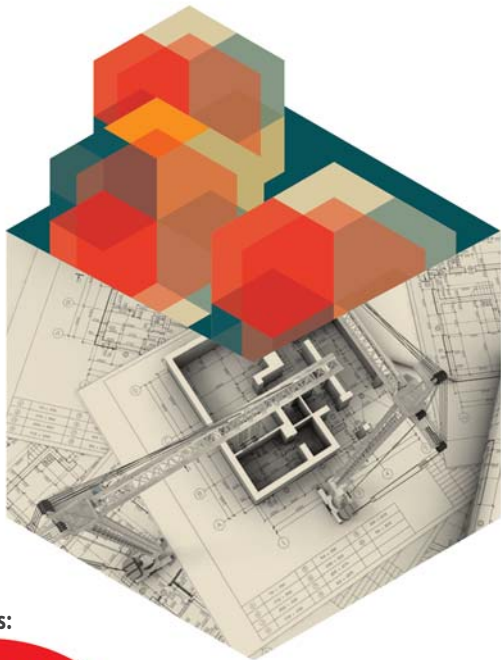
Number of active members: 719 (from a total of 1 783 members)

Head of the Department: Rexhep Asani, graduated engineer architect

Former heads of department: PhD Gajur Kadriu (2008 – 2012) and Strahinja Trpevski (2012 – 2014)

About the Department: The architect carries out the process of planning, design and realization of constructions with the aim of creating practical, economically justified and aesthetic solutions. The basic mission of the Department of Architects is to provide conditions for the creation of quality architecture, preserving the reputation of the profession as well as the rights of the certified architect as designer, supervisor, reviser and constructor, without impairing the interests of the other persons who are part of the process.

Vision: Having in mind the basic vision to provide safe and measurable progress of the architectural activity, the goals of the Department are directed towards planning activities that will provide professional and motivated architects ready to give the best services and create architecture in harmony with the surroundings.



PROFESSIONAL DEPARTMENT OF CIVIL ENGINEERS

Founded: 2008

Number of active members: 1 073 (from a total of 2 406 members)

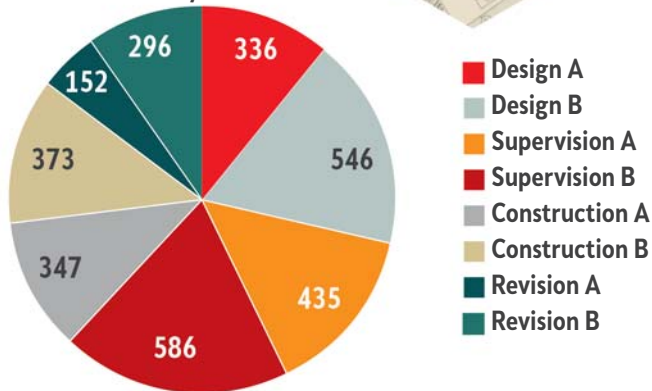
Head of the Department: Prof. PhD Petar Cvetanovski, graduated civil engineer

Former heads of department: Prof. PhD Sande Atanasovski (2008-2012) and Salim Hasani (2012-2016)

About the Department: The Department of Civil Engineers has more than 1000 active members. The Department organizes numerous seminars on current topics, presentations of new technologies in design and construction, round tables on professional topics and current legislation. Together with the Civil Engineering Faculty the Department had activities related to professional review of translations of European regulations on civil engineering constructions – EUROCODES and in the organization of seminars for their implementation.

Vision: One of the basic goals of the Department is to affirm and improve civil engineering and increase the number of active members. The goal may be reached through a strong and integrated Chamber. The Department shall make efforts to approve a civil engineering services price list. Several provisions of the Law on Construction are in collision with the technical practice and with the interests of the civil engineers and the Department shall strive for changes and amendments that would surpass these discrepancies. For example, categorization of buildings and criteria for certification.

Certification analysis:



PROFESSIONAL DEPARTMENT OF ELECTRICAL ENGINEERS

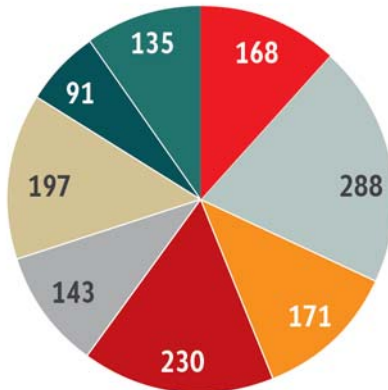
Founded: 2008

Number of active members:
502 (from a total of 1 196 members)

Head of the Department:
Valdko Todorovski,
graduated electrical engineer

Former heads of department:
Prof. PhD Mile Stankovski (2008 – 2016)

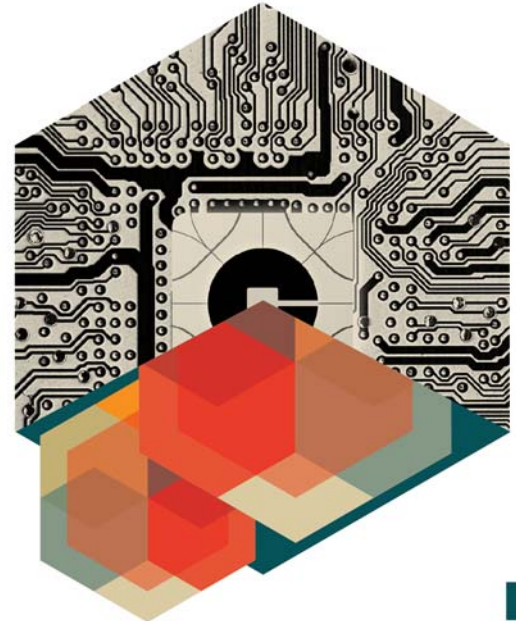
Certification analysis:



- Design A
- Design B
- Supervision A
- Supervision B
- Construction A
- Construction B
- Revision A
- Revision B

About the Department: The Chamber articulates, instigates, evaluates and highlights the vocational and individual characteristics of the members. Such approach means continuous monitoring of the work of the Department members and provides information and directions for individual or organized retraining. This enlargement of the civil engineers' knowledge is in the field of electrical engineering and in the fields of construction materials and construction procedures, new technological materials and products in electrical engineering, innovations in mechanical engineering, thermotechnics, hydrotechnics and incorporation of achievements in information technology.

Vision: The vision of the work is based on enlargement and intensification of the cooperation between the engineers in the Department, which significantly impacts comprehensiveness of requirements and priorities. The priority task is to build new criteria for categorization of buildings under more precise and explicit construction requirements and criteria for the issue of certifications for design, revision, supervision and construction.



PROFESSIONAL DEPARTMENT OF MECHANICAL ENGINEERS

Founded: 2008

Number of active members:

448 (from a total of 1 040 members)

Head of the Department:

Dimche Galovski, graduated mechanical engineer

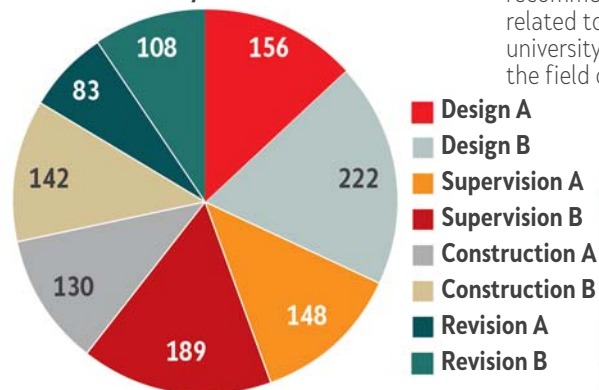
Former heads of Department:

PhD Bekim Fetaj (2008 – 2012)

Prof. PhD Mile Dimitrovski (2012 – 2016)

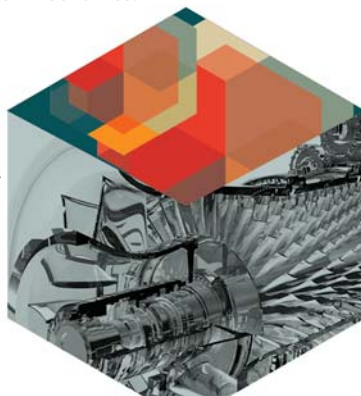
About the Department: Members of the Department are engineers in the field of mechanical engineering. The senior

Certification analysis:



engineers with a VII-1 degree of education are mostly from the energy field, whereas the engineers with the Bologna ECTS education are mostly in the field of thermal engineering, hydrotechnics, pneumatics and automation, welding, welded constructions and transport systems and elevators. All these professions have activities related to the Law on Construction. The activities of the Department in the previous period were related to the certification issue and most of the interested who link their activities to the Law on Construction have received their certification.

The Department, through the Chamber, enables influence over the educational concept of the higher education institutions regarding the acquisition of modern knowledge, thus doing this through recommendations from the Department related to the contents of the curricula of the university departments educating engineers in the field of mechanics.



PROFESSIONAL DEPARTMENT OF TRAFFIC ENGINEERS

Founded: 2008

Number of active members:

43 (from a total of 120 members)

Head of the Department:

Jovan Histovski graduated traffic engineer

Former heads of department:

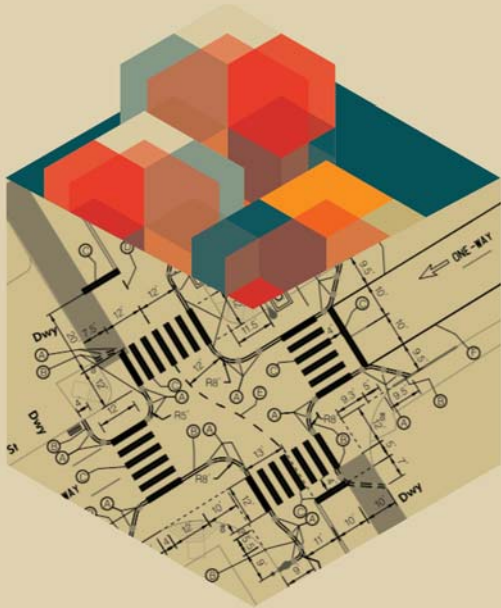
MSc Slobodan Dimitrovski

graduated traffic engineer (2008 – 2011)

About the Department: Essentially, the foundation of the Department dates and derives from the Law on Construction, when by decree the correct position of the traffic engineers is determined and they obtain an equal status. The foundation of this department contributes to the increase in the number of traffic engineers dealing with design, revision, supervision and construction. A characteristic of this profession is that in order to work in design the engineer has to acquire additional knowledge, which is in expansion due to the economic development of the state, the construction of roads and buildings.

Due to this, there is a lack of designers in the field of traffic engineering.

Vision: Through the organization of seminars, trainings, workshops and professional lectures within the Chamber improve the knowledge and skills of our members. With the promotion of the Chamber's work enable an increase in the number of new members.



PROFESSIONAL DEPARTMENT OF GEOLOGICAL AND GEOTECHNICAL ENGINEERS

Founded: 2008

Number of active members:
44 (from a total of 112 members)

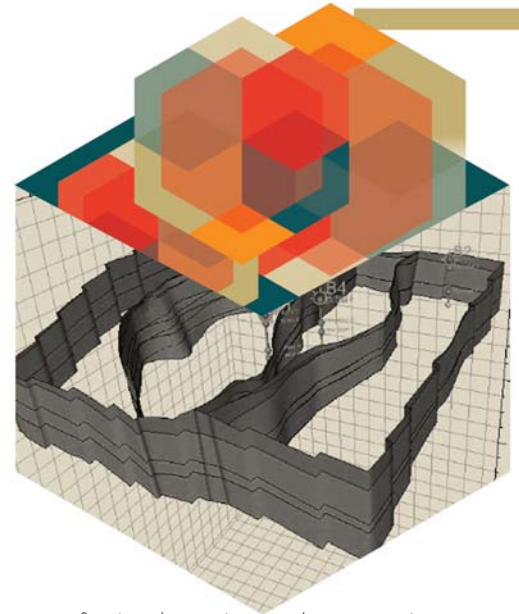
Head of the Department:

Prof. PhD Spasen Gjorgjievski,
graduated civil engineer

Former heads of department:

Prof. PhD Milorad Jovanovski,
graduated geological engineer (2008 – 2016)

About the Department: The Geotechnical Department takes care of the rights of engineers in the field of geotechnical engineering and related technical sciences in order to work and act professionally in the field of geotechnics. In order to achieve the goals, the Department coordinates and stimulates the monitoring of the modern development of science and practice, provides timely information to its members, stimulates and strengthens the exchange of ideas and transfer of knowledge and information and organizes different forms of



professional meetings and presentations, exhibitions, seminars, symposia and so on. It encourages and supports the initiatives of its members for scientific and research work, as well as the application of the scientific and research results in the field of geotechnics; cooperates with relevant international and domestic associations; organizes and publishes scientific and professional publications for the needs of its members and takes care of the professional advancement and renewal of its members knowledge.

PROFESSIONAL DEPARTMENT OF ENVIRONMENTAL ENGINEERS

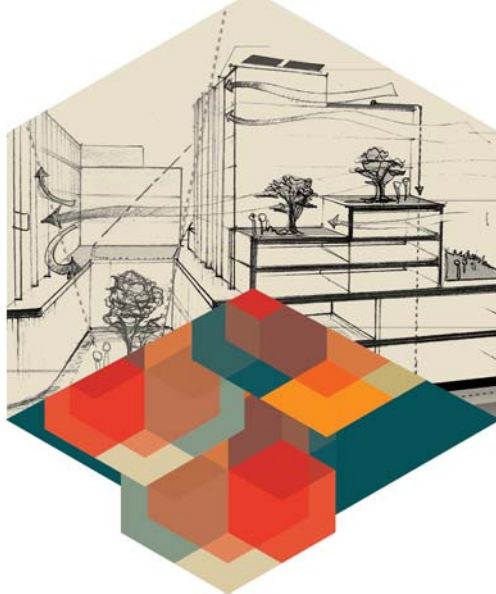
Founded: 2008

Number of active members:
27 (from a total of 83 members)

Head of the Department:
Prof. PhD Hristina Spasevska,
graduated physics engineer

Former heads of department:
Prof. PhD Murtezan Ismaili,
prof. PhD Dekim Fetaji

About the Department: The Environmental Department is active since the foundation of the Chamber, when the first certifications were issued to about twenty experts who have a professional engagement in the field of the protection of the environment. Today this department encompasses environmental engineers, but also engineers from other fields who have done projects in this field. A number of members have certifications from other Departments of the Chamber, making this Department multidisciplinary in topics and organization.



Vision: The Department, in accordance with the multidisciplinary expertise of the members, should represent a connective tissue between the departments for the purpose of preparing quality projects. The general and specific requirements of the national commitment to the preservation of the environment and ecological constructions oblige the members of the Department to work on continuous improvement of the conditions in the field through participation in the elaboration of the projects.

PROFESSIONAL DEPARTMENT OF GEODESIC ENGINEERS

Founded: 2008

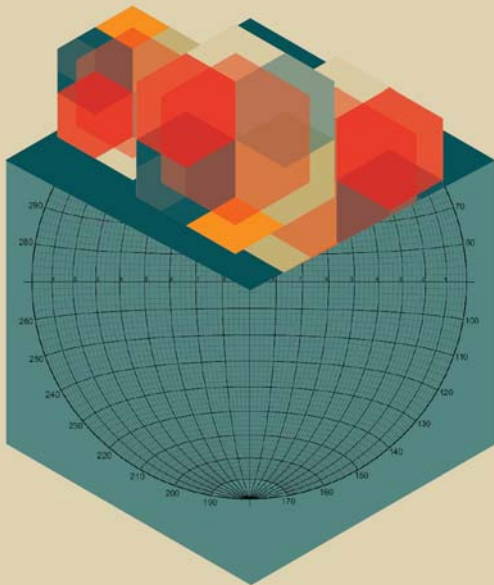
Number of active members:
57 (from a total of 113 members)

Head of the Department:
Prof. PhD Jovan Jovanov,
graduated geodesic engineer

Former heads of department:
Prof. PhD Vancho Gjorgjiev,
graduated civil engineer (2010 - 2016)

About the Department: The Geodesic Department takes care of the rights of engineers in the field of geodesy and related technical sciences in order to work and act professionally in the field of geodesy. In order to achieve the goals the Department coordinates and stimulates the monitoring of the modern development of science and practice, provides timely information to its members, stimulates and strengthens the exchange of ideas and transfer of knowledge and information and organizes different forms of professional meetings and presentations, exhibitions, seminars, symposia and so on.

It encourages and supports the initiatives of its members for scientific and research work, as well as the application of the scientific and research results in the field of geotechnics; cooperates with relevant international and domestic associations; organizes and publishes scientific and professional publications for the needs of its members and takes care of the professional advancement and renewal of its members knowledge.



PROFESSIONAL DEPARTMENT OF OCCUPATIONAL SAFETY & FIRE PROTECTION

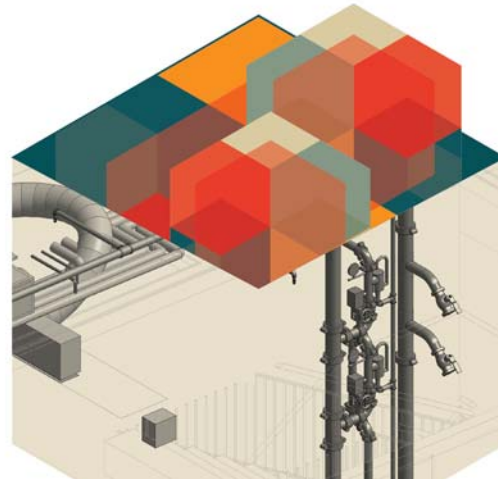
Founded: November 2011

Number of active members:
16 (from a total of 32 members)

Head of the Department:
Prof. PhD Vancho Donev,
graduated mechanical engineer

About the Department: Planning the health and safety at work should be viewed as planning in the stage of design solution, in technical documentation preparation, at the construction of the building, at normal

operation and planning in extraordinary situations. The Law on Construction is clear and strict: each engineer involved in construction must have certification issued by the Chamber; it defines the area of project documentation preparation, revision of projects, supervision in the realization of projects and construction according to the project documentations and refers only to the engineers involved in these processes. The OS/FP certifications are not adequate and cannot be used as a replacement for the certificate for passed professional exam for occupational safety personnel. This Certificate is also not adequate replacement for any certification obtained under the Law on Construction.



PROFFESIONAL DEPARTMENT FOR TECHNOLOGY AND METALLURGY

Founded: 2010

Number of active members:
5 (from a total of 20 members)

Head of the Department:
Prof. PhD Aleksandar Dimitrov,
graduated technological engineer

About the Department: The Technology and Metallurgy Department covers the engineering areas that study production technologies. In fact, all that we see around us and everything we have given some application in modern life is made

of materials. Technological engineers also cover the technologies for the production of food and biotechnological products. Thus, these engineers are of great importance in the development of technologies, design and construction of industrial facilities. This profile of engineers, with certifications, are indispensable for the state. We, all together, have to strive to increase their number.

Vision: Technological and metallurgical engineers are the ones that create and manage production technologies of organic and non organic materials, food, metals and other. Thus, they represent an indispensable driving force for the development of every country, in industrial, economical and social sense.



PROFESSIONAL DEPARTMENT FOR ENERGY EFFICIENCY

Founded: 2014

Number of active members: 120

Head of the Department:
Ass. prof. PhD Dame Dimitrovski,
graduated mechanical engineer

About the Department: The Energy Efficiency Department includes 4 professions: architects, civil engineers, mechanical engineers and electrotechnical engineers. The Department has organized several trainings for engineers related to the use of thermal insulation materials and fire safety of facilities, thermal insulation of facilities and acoustic parameters of facilities, the use of efficient systems for thermal and technical installations. The engineers of this department are competent for the project documentation labeled as: study on energy efficiency or similar documents requested by the investor: construction physics study, thermal and acoustics study, Study on facility's energy consumption and so on.

Vision: Construction of high efficiency facilities, with excellent thermal and acoustic insulation, efficient air conditioning systems, efficient equipment in facilities and their command, should be a priority not only for the purpose of providing low billing for the user of the facility but also for the purpose of reducing the total energy consumption, this being also the main precondition for the reduction of pollution and greenhouse gas emissions.

COMMISSION FOR FOREIGN CERTIFICATION

Founded: November 2012

Number of active members with confirmed foreign certifications:

87 (from a total of 408 members)

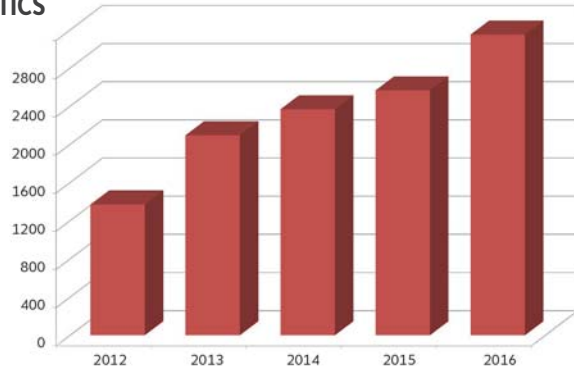
Head of the Department: President of the Chamber. The Chamber of Certified Architects and Certified Engineers, according to Article 42 of the Law on Construction, has the legal basis to issue and extend certifications to physical entities from foreign states, due to the fact that the foreign physical entity with certification from another state may perform design, revision, construction and supervision of constructions in Macedonia only after the certification has been confirmed by the Chamber.

The Chamber also issues documents to confirm the certification in case a domestic or foreign physical entity has been selected in a public procurement procedure to perform these activities in a project financed by an international organization and by the European Union. The certification will be valid only for the specific project.

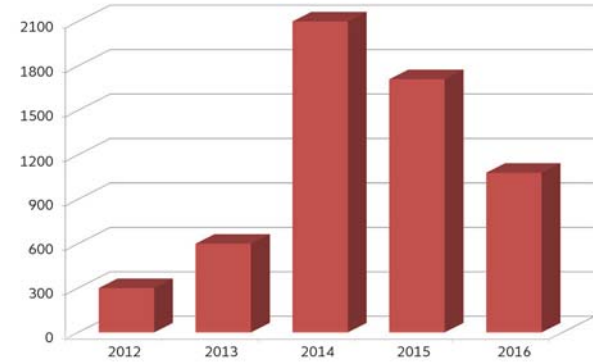
A possibility exists for a foreign legal and/or physical entity to perform design, revision, construction and supervision prescribed by law in case an agreement for reciprocity has been signed between the states in accordance with the conditions laid down in the agreement. The confirmation of the certification is conducted by a Committee established by the President of the Chamber.



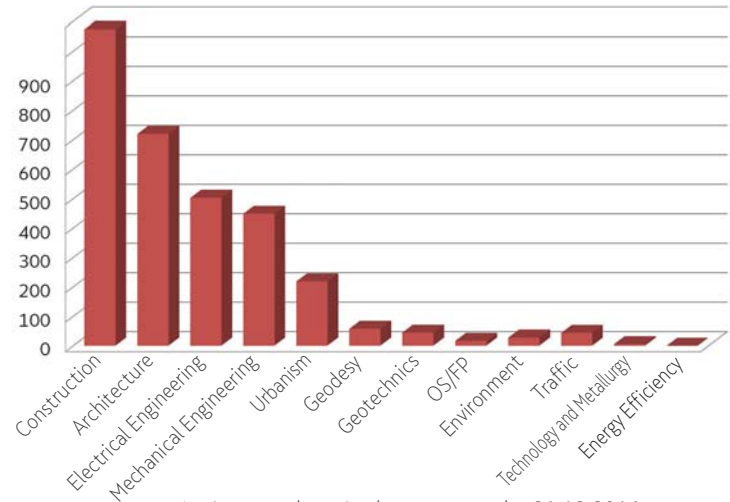
STATISTICS



Number of active members 2012 - 2016



Attendance at seminars organized by the Chamber 2012 – 2016



Active members in departments by 31.12.2016

CODE OF PROFESSIONAL ETHICS

A member of the Chamber is obliged to perform his/her tasks conscientiously, with full attention, knowledge and experience, supporting the reputation of the Chamber.

The member of the Chamber, in relation to other architects and engineers, must behave with solidarity and loyalty, as well as assist and advise colleagues with advice based on expertise and competence.

A member of the Chamber with his professional reputation must build the values of his personal reputation.

A member of the Chamber in his/her work must take into account the life needs of the citizens and society.

A member of the Chamber must support the safety, health and well-being of the society.

A member of the Chamber must act as a trusted agent of his/her own employers or contractors and avoid conflicts of interest.

A member of the Chamber should provide expert services in accordance with the certifications for the area for which they were obtained.

A member of the Chamber may publish publicly only objective and true statements relating to the profession.

A member of the Chamber must not abuse the relationship with civil servants and those responsible in the bodies and authorities that issue acts required for construction.

A member of the Chamber must not directly or indirectly harm colleagues and should strive to be objective in assessing their work.

**The integral text of the Code of Professional Ethics can be found on the official website of the Chamber of Certified Architects and Certified Engineers of the Republic of Macedonia.
(<https://www.komoraoai.mk/>)*



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