



ANNUAL REPORT
NOVEMBER 2016 | OCTOBER 2017

SUMMARY OF ACTIVITIES



Tomáš Andrejsek
Chairman of the Board

Dear Members, Partners and Supporters of green building,

I am delighted to present to you the Report on the Activities of the Czech Green Building Council for November 2016 - October 2017. The last 12 months have been under the sign of implementing the Council's Vision Zero strategy and then the basic pillars and themes set out in the implementation plan. This Activity Report is an overall review of all the activities we have prepared for you over the last year and which you, as members, have been able to participate in.

The main event of the year was without doubt the Annual Conference entitled Green Buildings 2017 - Visions and Trends 2030 - 2050, involving major international speakers and more than 200 delegates.

One of the milestones achieved has been to expand the Council's PR activities and marketing support for its members, and to systematically enhance the prestige of its own brand and that of the membership. The Council has succeeded in gradually creating the image of an independent professional guarantor in the field of green building, thus providing its members with protection with regard to the professional and lay public.

We are heavily involved in education in the field of energy savings, in the quality of the internal environment of buildings and we have started to pursue the urgent topic of water management. A number of seminars were held thanks to grant support from the Efekt programme provided by the Ministry of Industry and Trade (MIT).

We were also able to expand our activities into the regions, and especially to Brno, where we organized 5 events and the membership base is growing with companies based in Brno and the surrounding area.

I would like to thank all our members for their support and at the same time to invite you all to continue to participate actively in the Council, because through your participation you set the direction for the further development of the Council and thus influence its effectiveness in meeting your expectations and in supporting your own business interests.

I believe that through our joint efforts we will continue to successfully develop the promising field of green construction.



All our activities lead to the creation of a favourable business environment for our members and the conditions for them to achieve their business interests and strategic objectives on a long-term sustainable basis.



Over this period, we have organised 39 events attended by a total of 1276 people. These have included seminars and workshops, guided tours of green buildings and several social events. In addition to the usual activities, the 6th Green Building Conference was held this year, with some 220 delegates.

We became partners of various seminars and conferences of other sector organisations such as Exkurze Zlín, Smart City Symposium 2017, Company for Health and CBRE Meeting Rom of the Year competition.

In terms of media visibility, we have registered 290 media outputs, out of which 61 in print media, 224 in online media, 4 radio reports (Czech Radio) and one TV interview. In our PR activities, we have also focused on making our members more visible and promoting their brands through quotations, commentaries, information sharing on social networks, and so on. The most visible topics were among others legislation, energy sustainable buildings, internal environment, smart cities and certifications.

We had nearly 22000 visits to the czgbc.org website and the traffic on Facebook and LinkedIn is gradually increasing.

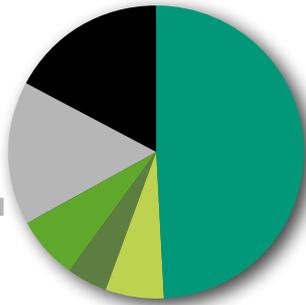
After a period of stable membership numbers, the Council is again starting to grow, when compared to 2016, we achieved an almost 10% year-on-year growth in the membership base.

Thanks to our sponsors:

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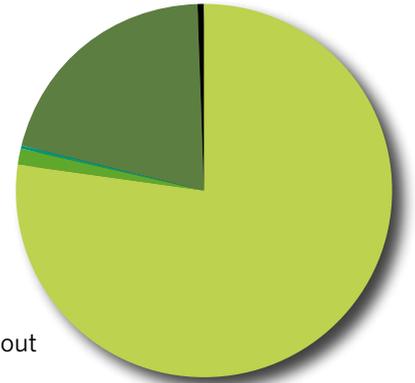
Total number of attendants at events

Seminars | **630**
 Green Building Club | **79**
 Green Walk-Green Talk | **58**
 Task Groups | **90**
 Exclusive member meetings | **201**
 Conference | **218**



Media output and PR member support 2017

Online media | **224**
 Radio | **4**
 TV | **1**
 Press | **60**
 Press office | **1**



640 quotes/references about
 41 members

Number of members



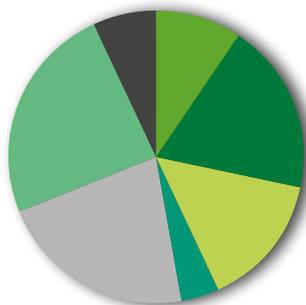
KEY PILLARS AND TOPICS

All our activities are aimed at implementing the VISION ZERO - buildings with a zero environmental burden - where the main themes and pillars for activities were defined. The aim is to cover all the themes within the pillars:

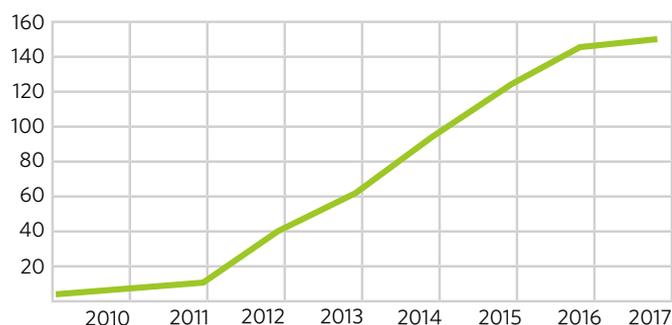
CZGBC OBJECTIVE MATRIX - FULFILLING VISION ZERO					
topics \ pillars	zero energy buildings	sustainable materials, waste	water management	healthy internal environment	external envirt smart cities
Sustainable leadership	x	x	x	x	x
Business opportunities	x	x	x	x	x
Education, PR	x	x	x	x	x
Legislation	x	x	x	x	x
Financing	x	x	x	x	x
Building own capacity	x	x	x	x	x

Members classification per profession

Architects & Engineers | **10%**
 Developers | **19%**
 Consultants | **15%**
 Construction companies | **4%**
 Material suppliers | **21%**
 Technology suppliers | **25%**
 Other | **6%**



Development of the number of certified buildings 2010 - 2017



TASK GROUPS

The Council's activities are largely based on the activities of its Task Groups. The Task Groups are thematic and are based on suggestions and proposals from the members or in connection with their activities and fit within the pillars of the Council's activities. Each group has its leader who is knowledgeable on the issue, proposes content and objectives and coordinates the activities of the group with the support of the Council's executive team. Current Task Groups:

ENERGY MANAGEMENT

The main theme is optimisation of building operations through reduced energy consumption and operating costs and related public awareness on the use of buildings.

- Under the Efekt programme, four seminars on energy management were held, and in addition to administrative and commercial buildings, we also focused on the industry sector. Discussions were about automation, building management systems, traffic optimisation including cost-free measures, the impact of the human factor or the necessary awareness measures and motivation for building users.
- With the support of the Efekt programme, two additional projects are being implemented:
- Tools for assessing and applying energy management principles in buildings, the outcome of which is an information website for assessing the status and rate of implementation of energy management in a building for both users and building managers.
- Energy benchmarking application for buildings that compares the energy consumption and costs of a particular building with a sample of similar buildings based on real measured data.

SUSTAINABLE MATERIALS AND THE CIRCULAR ECONOMY

This deals with the quality and sustainability of materials and elements in buildings, their impact on the environment and on users. A related issue is the prevention of waste and the reuse and recycling of construction materials.

- As a member of the MIT Working Group on Waste Management and the Implementation of the Secondary Raw Materials Policy in the Czech Republic, we discussed removing barriers to the reuse and recycling of construction materials and elements and setting up a legislative framework for secondary raw materials versus waste.
- Under the MIT Efekt programme, we have prepared a website that will provide better information on environmentally friendly materials, on the circular economy in construction, the objective evaluation of materials through life cycle assessment and the Environmental Product Declaration.
- We provide ongoing support for introducing bonuses for materials under an EPD as well as for other subsidy programmes.

HEALTHY INTERNAL ENVIRONMENT

The main objective is to raise awareness of the impact of a building's internal environment on users and the advantages and benefits of a high-quality environment. We followed up earlier activities dealing with the general issues of a healthy internal environment by broadening the theme of the overall concept of space and all the factors influencing the "wellbeing" of building users.

- Within the "Healthy Offices" category of the "CBRE Meeting Room of the Year" competition, we clarified the selection criteria for an objective evaluation of the competing companies.
- We organized a series of seminars in Prague and Brno, and appeared at the Companies for Health conference in the Senate. One of these seminars was held in cooperation with the British Chamber of Commerce.
- As part of the MIT Efekt grant project, we are preparing a website that provides a comprehensive view of aspects of the indoor environment, in order to raise awareness and knowledge of the topic and of the group's projects.
- We continue with our systematic media campaign (press, social media, Internet).

- At the instigation of members of the group, we have launched a schools environment measurement project aimed at highlighting the inadequate state of the environment in educational establishments and at starting a dialogue with the relevant authorities on a comprehensive solution to this problem.

SMART CITIES

This group is primarily concerned with promoting green buildings as an integral part of the Smart City concept.

- We participated in the Zlín Excursion conference.
- We organised a meeting of our members with Amsterdam Smart City (ASC) representative Annelies van der Stoep, attended by representatives of ICT Operator, the Institute of Planning and Development and Prague city districts
- As part of the ASC visit, a seminar was held presenting the implementation of the zero energy concept in Amsterdam City-zen - New Urban Energy. Both events were organised in cooperation with the Dutch Chamber of Commerce and the Embassy of the Kingdom of the Netherlands.
- We launched the Smart Town Sustainability Assessment Project.

CERTIFICATION LEED AND BREEAM

This Working Group supports and advises on the use of certification systems and their benefits, develops individual certification systems and adapts them to local conditions. At the same time, it aims to promote the use of these comprehensive evaluation mechanisms in providing preferential funding for certified green projects. An important aspect is tracking new trends and providing information about new certifications.

- We are taking an active part in the preparation of ACP (Alternative Compliance Paths) for Europe to meet LEED requirements in Europe and its specific standards environment, which is different from that in other parts of the world.
- We have commented on proposals for some pilot credits, such as the Social Equity credits group.
- We are taking part in the work of an international expert group for the introduction of LEED for Homes into Europe. The aim is to derive a suitable tool for evaluating residential buildings in particular, for which certification originally designed for commercial buildings is too complex and costly.
- We organised a seminar on the development of WELL and LEED MidRise certifications.

PUBLIC PROCUREMENT

The aim is to increase awareness of contracting authorities when specifying measurable process and quality building parameters as well as subjective criteria. We support high-quality solutions and efficiency of public funds disbursement instead of the lowest acquisition price as the only criterion.

- As part of the MIT Efekt programme, we have continued with a series of training seminars for public contracting authorities entitled Green and Energy-Efficient Public Buildings: Financing, Architectural Preparation, Public Procurement, where we provide comprehensive information on the technical, legal and financial aspects of preparing and implementing high-quality green buildings.

- We consulted on and prepared 2 specific projects for public contracting authorities.
- In cooperation with the Ministry of Industry and Trade, we support the use of recycled materials in public procurement in the construction industry; with the Chance for Buildings alliance we present the options for using the Design & Build principle in the Czech Republic and the provision of guaranteed energy services using the EPC method for suitable projects.

LEGISLATION / CHANCE FOR BUILDINGS

The legislative environment is one of the main drivers of the growth of the field of green construction. Our aim is to influence the development of legislation to support and favour materials, technologies and construction practices that leading to the construction of green buildings. We analyse, comment on and influence forthcoming directives and methodologies at European level as early as possible, before the approved regulations are implemented into national legislation. We collaborate with our partners within the Chance for Buildings alliance, which ensures that our voice can then be heard more strongly. Recently we have succeeded in achieving the following:

Legislation and support programmes of the Czech Republic

- We have worked with the MIT on an update of the Building Renovation Strategy. The strategy responds to the Commission's recommendations on the previous version and uses the outputs of the Adapting Buildings to Climate Change project.
- We were involved in setting up grant programs. We commented on the support for the construction of passive apartment buildings within New Green Savings and we are talking to DG Competition about its extension over de minimis. We have pressed for simplification of conditions within IROP. We commented on the conditions of the ongoing call for the renovation and new build of public buildings in OP Environment. With the MIT, we communicated the ENER programme and the support settings for the time-limited call for new builds of passive commercial buildings within OPEIC.
- We have initiated a discussion on the possible form of financial instruments (such as a replacement for grant funding) to support energy savings after 2020. At the beginning of October, Chance for Buildings was the moderator for a European Commission working seminar on this topic in Prague.

EU legislation

- We are actively involved in the negotiations on the so-called winter package -inter alia the revision of the energy efficiency and building performance directives, and we are pushing for more ambitious savings targets due to the considerable potential for this in the buildings sector. We are discussing the Czech position with the MIT and the European Parliament's position (being prepared) with Czech MEPs.
- We are commenting on forthcoming European legislation in the areas of the energy and environmental performance of buildings and environmentally friendly public procure-

ment. We are part of the relevant MIT working groups.

- We organised an information and discussion seminar for our members on possible future changes to construction and technical requirements, to the policy framework and financing in for buildings in connection with the draft amendments to the relevant European directives for the so-called EU winter energy package.
- Our representatives participated in the international "Financing Energy Efficiency in Central Europe" event within the European Sustainable Energy Investment Forums initiative, presenting the Czech financial support schemes to neighbouring countries.

EXTRAORDINARY PROJECTS

Green Buildings in the National Technical Library

The Czech Green Building Council has agreed with the National Technical Library to gradually build up a specialised literature collection on green buildings and sustainability. This is a four-year project where up to 200 specialist books should be purchased by the end of 2019. At present, nearly 100 foreign titles are available thanks to this project, covering a range of topics ranging from basic information on the parameters of green buildings to designing in BIM. Thanks to a medium-term project plan, it is possible to respond to the rapid development of technologies and elements used in the construction industry and to supply professional literature with up-to-date information.

Assessing the Sustainability of Smart Cities - Working with Indicators

The aim of the project is to support the systemic development of the concept of smart cities in terms of measuring key indicators and assessing the impact of individual projects on the development of the concept and the sustainability of a city. We are creating a methodology for Czech cities that will allow long-term monitoring of the parameters and assessment of the development of the smart city in relation to the principles of sustainability. The project is being implemented in cooperation with the University Centre of Energy Efficient Buildings and with the support of the Ministry for Regional Development. We select and modify the tool for the effective assessment of the impact of measures related to the development of smart cities in the Czech Republic on environmental, economic and social sustainability, including the assessment of the quality of life in the city and its buildings, with emphasis on the area of subjective wellbeing.

Green Buildings 2017 - Construction Vision 2030/50

The conference programme offered a comprehensive cross-section of the entire field of green buildings and covered all the basic topics the Council deals with. The main focus of the programme was the presentation by space architect Ondřej Doule, who presented the possibilities of the use in terrestrial architecture of the knowledge gained from designing buildings for space. Other speakers built on his vision of construction for various fields - water management, indoor environment quality, digitisation and innovative construction design solutions. The conference was the source of a number of suggestions and topics on which the Council can draw in developing its activities.

BOARD



Tomáš Andrejsek | Chairman

Tomáš is the Managing Partner in Elan Interior.



Karel Fronk | Board Member

Karel is Head of the Sustainable Development Unit at SKANSKA, where he is responsible for the company's sustainability activities.



Vladan Jesenský | Board Member

Vladan is the Vice President Sales Benelux & Eastern Europe at Zumtobel Group.



Petr Kašík | Board Member

Petr Kašík is a director the Czech company AMiT, which develops and produces control systems for building automation.



Roman Kraiczý | Board Member

Roman is an architect and urbanist. He works as the project manager for Sekyra Group.



Robert Leníček | Vice-Chairman

Robert is an architect and partner in Len+k architects. He is responsible for creative management and coordination of projects.



Antonín Lupíšek | Board Member

Antonín a specialist on valuation systems for sustainability in construction sector.



Libor Musil | Board Member

Libor Musil is headmaster of family company LIKO-S since its foundation in 1992. Nowadays he is the Chairman of LIKO-S Board.



Ondřej Šrámek | Board Member

Ondřej works in Knauf Insulation as Public Affairs director for Eastern Europe.



Daniel Štys | Board Member

Daniel is responsible for operation of shopping centres managed by CBRE in the Czech Republic.



Petr Vogel | Secretary

Petr is the main initiator and founder of the Czech Green Building Council. He works as a consultant in EkoWATT (Centre for renewables and energy savings).

TEAM MEMBERS



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SAINT-GOBAIN

SEKYRA GROUP

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A BOUHYTES CONSTRUCTION COMPANY

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Adam Rujbr Architects s.r.o.
AED project, a.s.
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ARMACELL POLAND Sp. z o.o.
Armstrong Building Products Czech Republic, s.r.o.
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