Dear members, partners and supporters of green building,

I am pleased to present you with the Czech Green Building Council Activity Report for the period November 2017 – October 2018. The report offers concise information on all activities, implemented on the basis of your proposals and suggestions and offering all members an opportunity to strengthen their business interests.

To better understand your needs and expectations and to define new strategic goals, we organised a series of round table strategic discussions. The results confirmed the direction of the Council’s activities and expanded the topics with innovations and technologies, circular economy and brownfields. The round table discussions also defined the legal issues to remove the barriers and improve legal environment in building sector.

We continue to intensively and systematically build the Council brand through PR and marketing activities and active participation in sector events.

Thanks to the alliance Chance for Buildings, we have built tight relations with the representatives of Ministry of Industry and Trade, Ministry of Environment and Ministry of Regional Development. We try and pursue with them effective and motivating vehicles to support the energy saving solutions, water management in buildings and improvements of internal environment quality.

But let’s not just look back, let me outline the plans for the future. In 2019, the Czech Green Building Council will celebrate 10th anniversary of its existence. We have prepared a number of events that would demonstrate the progress of green building during the Council’s existence and where we would like to share our joint achievements. We would also like to thank our members for their continuous support and offer them the opportunity to increase their visibility and share success in their specific field. The Czech Green Building Council stands on the activities of its members. Therefore, we greatly appreciate our cooperation and we are proud of deep and unmistakable footprint the Council left behind in its 10 years of activities. It is particularly your merit. I believe we can be proud together!

I thank all members for their support, and at the same time I invite you all to participate actively in the Council activities. Through your participation, you determine the direction of further development of the Council and thus influence its effectiveness in meeting your expectations and in promoting your business interests. The simple mathematics applies to the Council platform. Greater membership activity = greater Council activity.

I believe we will continue to jointly and successfully develop a promising and important field of green building.

Tomáš Andrejsek
Chairman of the Board

SUMMARY

Over the last 12 months, we have organised 39 events attended by a total of 890 people. The events included seminars, workshops, commented tours of sustainable building (Green Walk Green Talk) and partnership events. The growing importance and prestige of the Council is demonstrated by the fact that we are invited to conferences, seminars and educational events in the field of sustainable buildings, where members have the opportunity, through the Council, to actively participate, share their experience and know-how and strengthen their brand. The discussed topics reflect the development of market trends from the quality of the internal environment, water management, the circular economy through proptech issues to the brownfields.

The Council continued in systematic PR activities, complemented by branding of the Council and its members. In the past 12 months, the total media output reached 350 articles in all types of media. The most discussed topics were: healthy internal environment, legislation and subsidy programmes, water management, and the special project Healthy School. A total of 695 quotes and comments made by 46 Council members were published, which is a 10% increase over the previous period.

The membership base keeps its growing trend, 13 new companies joined the Council during the year, which represents nearly 20% year over year increase. The Council has now 83 member companies.

Events attendance

| Seminars | 505 |
| Task Groups | 111 |
| Green Walk Green Talk | 100 |
| Green Building Club | 96 |
| Strategies | 78 |

Number of members

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
<td>100</td>
<td>80</td>
<td>60</td>
<td>40</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
</tr>
</tbody>
</table>
The Task Groups are the key driver of the Council activities. They are thematically focused and reflect current needs and requirements of the Council members. Each group has its own leader, who is an expert in the given field and together with the rest of the group determines goals and objectives. The leader - with the support of the executive team - also co-ordinates the Group activities and deliverables. Current Task Groups:

**ENERGY MANAGEMENT**

Optimization of property management whilst using innovative approach and technologies is the Group’s key topic. It aims at supporting the solutions for consumption reduction, effective use of energy and optimal property management to achieve better quality of the environment for the user.

- We organised 7 seminars and workshops on related topics, such as effective facility management, how energy management impacts on healthy internal environment, legislation and financing of sustainable solutions, BIM modelling, etc.
- In cooperation with the Ministry of Industry and Trade we develop a benchmarking application that compares the consumption and cost of a particular building with a sample of similar buildings based on real measured data.
- In response to market developments and new trends, we have broadly expanded the group with innovations and technologies, that increase user comfort and optimize the operation of buildings.

**BROWNFIELDS**

Newly established Task Group, focused on promotion and support of brownfield revitalisation in sustainable standard

- First setting up meeting to discuss and agree on the activity framework for 2019.
- Preparation of information leaflet on effective use of brownfields for public sector/owners.
- Initiating cooperation with CzechInvest.
- Preparation of legal issues to remove barriers.

**SUSTAINABLE MATERIALS AND CIRCULAR ECONOMY**

The Task Group focuses on use of quality and sustainable materials in buildings in the context of circular economy and on their impact on environment and users.

- During the initial workshop we defined key topics and activities of the Task Group for 2018. The workshop output was also reflected in newly formed strategic goals of the Council for 2019. Education and better awareness of the issues were identified as key activity pillars.
- We started cooperating with INCIEN – Institute for circular economy. Our members presented at the expert conferences focused on implementation of circular economy principles in all stages of the building life cycle – from design, use of sustainable materials, through construction and operation to demolition.
- We participate in working groups of the Ministry of Industry and Trade on use of secondary materials and recycling in the building sector.
- The Council supports the creation of new waste legislation and other economic instruments that will support the reduction of the amount of construction waste deposited in landfills in the Czech Republic.
- As part of the MPO Efekt program, we launched the website www.setrnematerialy.cz as a tool for better information on sustainable materials and principles of the circular economy in the field of construction and as a source of examples of good practice.

**WATER MANAGEMENT**

The Task Group focuses on water management in buildings and urbanised space. The key issues are use of rain and grey water, retention of rain water and role of green roofs and facades.

- We showed cases of good practice during three commented tours in buildings where our members presented their solutions for effective water management.
- Through its participation in expert conferences and PR activities, the Council gained the reputation as the only organization dealing with the topic of water management in buildings and urbanised area.
- We support the creation of legislation, regulation and financing mechanisms that accelerate implementation of solutions for use and retention of rain water, use of grey water in buildings and minimization of heat islands.
HEALTHY INTERNAL ENVIRONMENT

The aim is to draw the attention of wider public on the needs for good quality buildings, on the negative impact of uncomplying internal environment on the users and to increase demand for solutions.

- We continue the successful partnership of the “CBRE Meeting Room of the Year” competition www.zase-dackaroku.cz, where the Council is the guarantor of the “Healthy Office” category. A record of 22 companies have entered this year.
- We organized a number of thematic seminars in Prague and Brno, promoting certification WELL and discussing all aspects of the internal environment impact on users.
- The issue is intensively promoted through ongoing and systematic PR activities and use of all Council communication channels and regularly updated www.zdravabudova.cz.
- The Healthy School project has successfully evolved into a separate activity, see the Special Projects section.

CERTIFICATION

The Task Group supports and informs about the use of certification systems and their benefits, helps develop global certification systems and adapts them to local conditions. Informs teams working on green building projects on new approaches to this topic. It supports manufacturers of building materials and products in finding ways and strategies leading to more sustainable construction. An important aspect is to keep track of upcoming trends and to inform about new certifications. We focused on the following topics:

- Minimum requirement on energy performance for LEED (ASHRAE 90.1: 2010).
- European alternative routes to meet LEED requirements.
- Low emission materials in LEED and BREEAM.
- Material credits - LEED 2009 and v4 comparison.
- Drinking water requirements - LEED and BREEAM.

PUBLIC PROCUREMENT

Preparation of high-quality public procurement projects is a long-term process, therefore we continue to raise awareness among the contracting authorities on the process possibilities and the setting of qualitative requirements, including subjective criteria. As a result, our members were involved in a number of implemented or pending public procurement projects for quality green buildings.

- We organised four seminars for contracting authorities, amended by new examples of good practice.
- We have prepared a catalogue of public procurement case studied and projects realized by our members, where we promote proper procedures and technical and legal solutions.
- In several cases, we were invited directly by the public sector to cooperate in the preparation of public procurement process, for example through preliminary market consultations.

LEGISLATION / CHANCE FOR BUILDINGS

The green building sector development is influenced mainly by legislation and accessible funding. Setting the regulatory environment and its predictability for investors and suppliers is key for further development of the sector. Our long-term effort is to support preferential conditions for quality, comprehensive green projects.

Over the years, we have become a trusted professional partner for both government and organizations at the European level. We provide analyses, comment on proposals and submit our own suggestions long before the approved regulations are implemented into national legislation. Over the past period, we focused on new themes and achieved the following successes:

- We cooperated with the Ministry of Industry and Trade on the revision of the Energy Performance of Buildings Regulation, which provides a clear and ambitious definition of a nearly zero-energy building and at same time helps to improve the evidence of energy savings.
- We have pursued long term calls for grant programs, ensuring stable conditions.
- We ensured the financial support for new energy passive residential buildings and advantageous conditions for solutions for water management systems and green roofs.
- We are one of the leaders in pursuing the innovative financial instruments as a complement to or reimbursement of the existing subsidy funding of green buildings and energy savings after 2020.
- We are part of the relevant Ministry of Industry and Trade working groups on energy efficiency and on the use of secondary raw materials and recycling.
- We are continuously involved in the implementation of the so-called Winter Package, which includes the transposition of the Energy Performance in Buildings Directive. We are pushing for more ambitious savings targets as we see a significant potential for savings in the building sector. We continually discuss the Czech position with the Ministry of Industry and Trade and with the Czech MEPs the position of the European Parliament.
- For subsidy programs providers we carried out survey on barriers for larger-scale and higher-quality building renovation and we assist in preparation of marketing campaigns to increase interest in quality renovations and new buildings in all segments of buildings.
- Our scenarios of the renovation of buildings development are the basis for the National Climate and Energy Plan.
For the second year, the project continued to develop a methodology for sustainability assessment and to set up a set of indicators for sustainable and intelligent cities. The methodology is unique in a way that it links the concept of sustainability and smart city. Nine areas of the city or municipality development are evaluated by using sustainable environmental indicators and technological indicators (the extent of smart technology use). The methodology also includes the component of subjective evaluation by the citizens and quality of their life. Testing of the set of indicators took place in cooperation with the towns of Kladno, Pacov and Prague 3. The final version of the methodology is available from December 2018. The project is carried out in conjunction with ČVUT UCEEB and supported by the Ministry of Regional Development.

Healthy School has become a separate project lead and supported by a group of the Council members. The aim of the project is to offer the school authorities comprehensive solutions for improvement of internal environment quality and to ensure proper conditions for pupils and teachers. Besides the requirements for air quality, the project offers solutions for acoustics and lighting. Partnership with the Union of Towns and Municipalities of the Czech Republic (SMO ČR) and the National Centre for Energy Savings (NCEÚ) as communicators of the programme proofs the urgency of the issue. As part of the project, a special website www.zdravaskola.cz was created together with online application form for easy and simple entering the project. We also prepared a manual for public procurement of school reconstruction. The name of Zdravá škola was registered as a trademark. Thanks to our partners:
TEAM MEMBERS

Simona Kalvoda
Executive Director
email: simona.kalvoda@czgbc.org
tel.: +420 602 221 966

Kristýna Cabrnochová
Team Assistant
email: kristyna.cabrnochova@czgbc.org
tel.: +420 775 577 496

Jana Drábková
Event Manager
email: jana.drabkova@czgbc.org
tel.: +420 739 927 166

Petr Zahradník
Project Manager
email: petr.zahradnik@czgbc.org
tel.: +420 602 253 262

Kateřina Kuklová
Healthy School Coordinator
email: katerina.kuklova@zdravaskola.cz
tel.: +420 732 758 217

BOARD OF DIRECTORS

Tomáš Andrejsek | Chairman
Tomáš is the Managing Partner in Elan Interior.

Karolína Dvořáková | Board Member
Karolína works for Horizon Holding that is the daughter company of Shikun & Binui Real Estate Development, where she holds the position of Sustainability Coordinator.

Karel Fronk | Vice-chairman
Karel is Head of the Sustainable Development Unit at SKANSKA, where he is responsible for the company’s sustainability activities.

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

Roman Kraiczy | 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 is 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.

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).

EXCLUSIVE MEMBERS

Kateřina Kuklová
Healthy School Coordinator
email: katerina.kuklova@zdravaskola.cz
tel.: +420 732 758 217
GENERAL MEMBERS

Adam Rujbr Architects s.r.o.
AED project, a.s.
AMIT, spol. s r.o.
ARMACELL POLAND Sp. z o.o.
Armstrong Building Products Czech Republic, s.r.o.
ATREA s.r.o.
AVRIO INVEST, a.s.
Bogle Architects s.r.o.
BUILDYSYS, a.s.
CA Immo Real Estate Management Czech Republic s.r.o.
CASUA, spol. s r.o.
CEVRE Consultants s.r.o.
Colliers International, s.r.o.
CRESTYL real estate, s.r.o.
ČEZESCO, a.s.
Ekologroup spol. s r.o.
EkoWATT CZ s.r.o.
ELAN Interior, s.r.o.
ENIKA.CZ s.r.o.
ENVIROS, s.r.o.
ERC-TECH a.s.
FINEP CZ a.s.
Flair, a.s.
GT Energy s.r.o.
GORDIC spol. s r.o.
HELUS chlárský průmysl v.o.s.
Hero & Outlaw a.s.
Hunter Douglas – Czechia, s.r.o.
Chapman Taylor s.r.o.
iClima s.r.o.
IKEA Česká republika, s.r.o.
Inels s.r.o.
Insight Home, a.s.
JABLOTRON LIVING TECHNOLOGY s.r.o
JRD s.r.o.
Kingspan a.s.
KKCG Real Estate a.s.
Knauf Insulation, spol. s r.o.
KONCEPT EKOTECH s.r.o.
LEGRAND s.r.o.
Len%k architekti s.r.o.
LIKO-S, a.s.
LINDAB s.r.o.
MOsaIC House s.r.o.
Némec s.r.o.
norman rourke pryme s.r.o.
OPTIMAL Engineering spol. s r.o.
Panattoni Czech Republic Development s.r.o.
PBA INTERNATIONAL PRAGUE, spol. s r.o.
PROLIGHT CZECH s.r.o.
Prologis Czech Republic Management s.r.o.
PROWORK spol. s r.o.
SEDUM TOP SOLUTION s.r.o.
Sentient s.r.o.
SEVEN, The Energy Efficiency Center, z.ú.
Sharry Europe s.r.o.
Siemens, s.r.o.
Tebrix Safety Home s.r.o.
Technický a zkušební ústav stavební Praha, s.p.
TECE Česká republika s.r.o.
TECHO, a.s.
Trigema a.s.
Univerzitní centrum energeticky efektivních budov ČVUT v Praze
VELUX Česká republika, s.r.o.
Vera Hampl Architects
WAFE s.r.o.
WAGO-Elektro spol. s r.o.
Wiesner-Hager Project s.r.o.
WPremium event, s.r.o.
ZG Lighting Czech Republic s.r.o.

ASSOCIATED MEMBERS

Asociace výrobců minerální izolace, z.s.
Asociace dodavatelů montovaných domů, z.s.
Česko-německá obchodní a průmyslová komora
Svaz zakládání a údržby zelené, z.s.