Dear members, partners, and supporters of green building,

the pandemic has been affecting our lives for much longer than any of us could have imagined at its beginning. And it’s far from being over. Unfortunately, the numbers of the infected indicate that we are on the verge of another wave. However, the positive news is that the Czech Green Building Council has adapted to the difficult conditions and continued its activities, despite personal contacts and meetings had to be replaced in most cases by online events and webinars. However, as the data and feedback show, the Council has performed successfully in the new environment. Its activities, programme, and visions were noticed by not only the experts, but also general public.

This Annual Report describes the Council’s activities from November 2020 to the end of October 2021. Although only a few events were held ‘live’, the Council’s schedule was eventful and rich. To name a few examples – the guided tours Green Walk Green Talk, the follow up of the successful Rethink Architecture lecture series held at the Centre for Architecture and Planning (CAMP), or the conference The Role of Brownfields in Sustainable Urban Development.

The Council topics were successfully covered in the media space. 574 outputs were published. The estimated reach of readers is almost 17 million. The most frequently mentioned topic in the media was the quality and interior of buildings and the future of offices. It is no surprise as the pandemic resulted in increased interest in the quality of our living and working environment. It is good that the Council is considered by the general public to be an important professional authority on this issue.

One of the most important events of this year directly related to the Council’s work, was the approval of the climate framework, which incorporates The European Green Deal. Whilst there are reservations about this plan on many sides, it includes principles that the Council has been trying to promote for years - sustainable construction, circular economy or carbon neutrality.

For energy, water and other savings, the Ministry of the Environment will have CZK 300 billion available from EU funds for the years 2021 to 2027. There will be enough resources. However, it is necessary to create conditions to ensure meaningful use of these funds and the Council will certainly be involved in the process. Related area that the Council is working on is taxonomy. This aims to classify different types of investment based on compliance with the EU’s environmental objectives. As a result, it will influence the direction of the EU funds to different sectors. This is a crucial opportunity for further development of sustainable construction.

Dear Members, I very much appreciate all the time, work and effort you devote to the Council. I ask for your support of its activities in the coming period. There is a number of challenges ahead of us. The most important is the economy recovery and the adaptation of the economy to the EU’s new green objectives. The Council, as a respected player, certainly has a lot to say about meeting these challenges.

I count on you.

Karel Fronk
Chairman of the Board of Directors
The first half of 2021 was still affected by the lockdown. Despite all the limitations associated with the pandemic, most activities continued, even if they took place in an online format without the possibility of personal participation. There has been a slight decline in the work of the Task Groups, where personal contact is key to effective functioning, still most of the priorities and objectives set for this year have been met. In the second half of the year, several “live” events took place, but then we again gradually moved to the online space.

In view of the situation, the Council focused primarily on education and the promotion of green building topics. All webinars have been recorded and are accessible on the CZGBC YouTube channel, which has greatly increased the reach of our events. As part of the cooperation with Czech Chamber of Architects, 20 webinars were held with 800 registered participants and almost 1300 subsequent viewings. Guided tours Green Walk Green Talk with examples of quality solutions have traditionally generated a lot of interest. This year we presented five projects: DOCK IN FOUR, Českobrodská High School, Parkview, AFI City and residential project Kratochvíle Stochovská. A total of 1200 people saw the tours. Webinar on building valuation also attracted a lot of attention, where 150 people participated.

The successful series of lectures Rethink Architecture by Karolina Barič and Kateřina Eklová continued this year in the CAMP auditorium. The main topics were circularity, sustainable innovation and adaptation and resilience of cities. Thanks to the cooperation with CAMP, almost 500 people visited these lectures virtually.

This year, a new topic emerged - financing, taxonomy and ESG, which is becoming a driving force for the implementation of the principles of sustainability, not only in green building, but in all sectors and disciplines. In cooperation with the member companies KPMG, ČSOB and Frank Bold, the Council prepared two informative webinars. Speakers included Marek Mora, the vice-governor of the Czech National Bank and Hana Kovářová, the chairwoman of the Sustainable Finance Commission of the Czech Banking Association. They spoke about the impact of ESG on project financing, both from the point of view of developers and the financial sector. The relevance of topic was confirmed by 200 participants and a lively discussion. The Council will continue to develop this topic.

Other events included a round table discussion on the impact of industrial buildings on their environment. Libor Musil from Liko-s, Jan Andrejco from Panattoni and their guests presented various solutions to reduce the effect of heat islands and improve the quality of the indoor environment. In addition to 150 viewers, the debate was covered in 25 media outputs and in Vojtěch Kovala Loopa podcast.

The most important event of the year, with the reach of over 300 people, was a conference on The Role of Brownfields in Sustainable Urban Development. Representatives of the City of Vienna and IPR Prague spoke at the hybrid event in CAMP and presented their urban development strategies with the aim of achieving carbon neutrality. Sandra Sindler-Larson presented a case study of the sustainable revitalization of brownfield, describing the new concept of the IKEA store in the centre of Vienna. Leoš Anderle from Sekyra Group provided an example of best practice – the transformation of Smíchov area into Smíchov City.

The total reach of council activities between November 2020 and October 2021 was a record 7,000 visitors.
The Council has increased the visibility of its topics and its brand in the media (see the charts) and is successful in having space not only in print media, but also in radio and television. In the last 12 months, the Council had 574 media outputs worth CZK 13.3 million equivalent to advertising space. The estimated reach of readers is almost 17 million. In the press, television or radio, i.e. in the main media, the Council topics were covered in 124 outputs and in 29 outputs on online news sites. Another 277 outputs were on professional websites and 35 in other media.

The greatest success in the field of PR activities was the appearance of Karel Fronk, the Chairman of the Board, in the ČT1 channel in a feature on energy-saving housing, which was broadcast during the main News and was subsequently adopted by other professional media. Two podcasts Loopa Vojtěho Kovala were published on info.cz and in Koval’s communication channels. The topics were economy restart and brownfield regeneration and both generated over 2600 hits.

From media point of view, the most attractive topic in the past year was quality of the internal environment and on the future of offices after the corona crisis, appearing in the total of 214 outputs. Aspects related to the circular economy, such as energy production from the waste, urban neighbourhoods of the future, recycling of building material, carbon emissions in cities, construction and waste production, were mentioned in 189 outputs. Other widely published topics included revitalization of brownfields, sustainability and economy restart, green financing and the construction of industrial buildings and their impact on the environment.

The alliance Chance for Buildings (C4B) played an important role in legislation and communication with the government, which strongly promoted maintaining and expanding of investment in sustainability. Especially in the context of a number of support programmes, such as the Modernisation Fund, the Renovation Fund, etc., the participation of Chance for Buildings in the process of allocation of these funds was crucial. In the year of the parliamentary elections, the C4B prepared a comprehensive overview of the programmes of individual political parties and shortly after the elections started negotiations with representatives of the winning parties on greater promotion and support of sustainable building topics, also in relation of meeting the Green Deal objectives.
The members of the CZGBC Task Groups continued to work towards the two-year goals set at the beginning of 2020 and defined in the [Priorities and targets for 2020-2021](#). Most of the Task Group activities took place online, nevertheless, the continuity of all groups has been preserved. Due to the limited possibilities, the groups focused mainly on education activities and media coverage of topics.

**INNOVATION/TECHNOLOGY**

The Task Group aims to promote the reduction of energy consumption, efficient use of energy and optimization of building management, by using innovative approaches that lead to an improved environment for users.

**Guarantors:**
- David Martínek, ČEZ ESCO; Ivo Drábek, Buildsys

**Activities and achievements:**
- Preparation of the publication Innovative smart solutions in buildings in the Czech Republic based on Smart Readiness Indicator.
- Commenting on the amendments of the Energy Management Act, some of its decrees, and the setting up new subsidy programmes.
- Creating a web section on green building financing with links to current sources within the existing CZGBC web guidepost.

**SUSTAINABLE MATERIALS AND CIRCULAR ECONOMY**

The Task Group focuses on recycling, the use of quality and sustainable materials in construction in the context of a circular economy, their impact on the environment and users. Media coverage focused on various topics, e.g. energy production from waste, recycling of building materials, reducing carbon emissions or urban neighbourhoods of the future.

**Guarantors:**
- Lenka Vrbová, TZÚ; Karel Fronk, Skanska; Jakub Benda, Saint Gobain

**Activities and achievements:**
- Participation in the working group on the creation of Prague Strategy for the Transition to a Circular Economy.
- Comments on the regulation on setting the criteria for by-product and prevention of waste generation.
- Discussion with the Ministry of Labour and Social Affairs and the C4 B on current topics for the upcoming international conference on circular economy.
- 189 media outputs.
**WATER MANAGEMENT**

The Task Group deals with the issue of water management in buildings and in urbanized space. Specifically, the use of rainwater and grey water, retention of rainwater around buildings, and role of green roofs and vertical facades in improving the quality of the environment inside and outside buildings.

**Guarantors:**  
Jana Petřů, Koncept Ekotech; Josef Hoffmann, Saint Gobain

**Activities and achievements:**  
- Second workshop with Ministry of the Environment.  
- Debate on reducing the impact of industrial buildings on the environment.  
- Preparation of the publication Efficiency of Using Grey Water *.  
- Participation in the jury of the Green Roof of the Year competition.

**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. It monitors current trends and informs about new certifications.

**Guarantors:**  
Jiří Stránský, CBRE; František Macholda, Ekowatt

**Activities and achievements:**  
- Completion and publication of a document on certification systems and their use including the use of sub-criteria from environmental certifications in the conditions of subsidy programmes.  
- Webinars and lectures promoting the topic of certifications.

**PUBLIC PROCUREMENT**

The aim of the Task Group is to raise the awareness of public sector about procedural possibilities and setting of qualitative requirements, including subjective criteria in public procurement.

**Guarantor:**  
Petr Zahradník, CZGBC

**Activities and achievements:**  
- Organization of regular webinars for public sector on how to commission and finance public projects.  
- Promotion of innovative ways of preparation, progress monitoring, quality of outcome and funding including Performance Design and Build.  
- In cooperation with the Ministry of Labour and Social Affairs and CTU UCEEB preparation of the Checklist for evaluation of socially and environmentally responsible procurement and innovation in the public contract for construction works *.

* Activities supported by
Through the alliance Chance for Buildings (C4B), the Council is intensively involved in improving the legislative environment and preparing long-term support for green projects. At the C4B Annual Member Meeting in September 2020, the alliance’s medium-term strategy and priorities were defined. The main objective is to further develop relations with government and parliamentary politicians, to discuss and enforce measures leading to a rapid recovery of the economy, to promote CO₂ reductions as a political issue and to promote it systematically in the media.

**Main activities:**
- Financing after 2020, monitoring of new funds and instruments, proposals for their use, including bank and other non-subsidy financing.
- Roundtable with Minister Richard Brabec with selected members to review the objectives of promoting the use of grey and rainwater set at a similar meeting the previous year.
- Pursuing legislative changes in relation to Fit-for-55 commitments.
- Continuous cooperation with relevant ministries, membership in working groups, monitoring committees and other organizations.

**BROWNFIELDS**

The main theme of the Task Group is sustainable revitalization and promotion of the use of brownfields compared to greenfields and related legislation. Media outputs focused primarily on topics discussed during the conference and the round table debate. Kateřina Kubizňáková took over the leadership of the group during the year.

**Guarantors:** Petra Hajná, CPI; Marta Šťastná, CBRE; Arnošt Wagner, Development News

**Activities and achievements:**
- Publication of the flyer How to use the potential of brownfields.
- Continued cooperation with representatives of CzechInvest and Ministry for Regional Development
- Organization of the international conference The role of brownfields in the development of sustainable cities with the participation of representatives of Vienna and Prague, and presentation of the case study of new concept store by IKEA and Smíchov City by Sekyrá Group.
- Brownfields Conference 2021 support.
- 75 media outputs.

**LEGISLATION / CHANCE FOR BUILDINGS**

Through the alliance Chance for Buildings (C4B), the Council is intensively involved in improving the legislative environment and preparing long-term support for green projects. At the C4B Annual Member Meeting in September 2020, the alliance’s medium-term strategy and priorities were defined. The main objective is to further develop relations with government and parliamentary politicians, to discuss and enforce measures leading to a rapid recovery of the economy, to promote CO₂ reductions as a political issue and to promote it systematically in the media.

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SMART CITY COMPASS

CZGBC worked with CTU UCEEB in creating a software to support the implementation and evaluation of smart solutions in cities. The application intends to simplify the strategic planning for local government based on the real parameters of cities achieved. Our task was to discuss the development of the application with cities and municipalities and help its implementation.

EXPERT MISSION TO THE NETHERLANDS

The Czech Green Building Council, together with representatives of the Council in Poland, Hungary and Slovakia, was invited to the Netherlands to participate in an expert mission on circular economy and sustainable construction. During the four-day rich programme, the delegation saw several examples of the use of the principles of circularity, including the temporary courthouse project in Amsterdam and the CIRCL building. CIRCL was built entirely from recycled and reusable materials. The project to transform and revitalise the Merwede area in Utrecht into a new residential area for 10,000 inhabitants has demonstrated the challenges and complexities of sustainable urban development.

PROFESSIONAL PATRONAGE OF COMPETITIONS

The invitation to the professional patronage of prominent industry competitions is further evidence not only of the Council’s growing prestige, but also of the raising awareness of organizers about the need to include green buildings among the most valued projects. This year, the Council participated in competitions Best of Realty 2020, Grand Prix of Architects and Green Roof of the Year.

HEALTHY HOME

The Healthy Home project, focused on the quality of the environment in residential buildings, continued for the second year. It aims to raise awareness among the wider public of the need for a healthy environment in apartments and houses. This year’s campaign included printed ads in the magazine “Domov” supplemented with topical articles in online daily iDnes. The were 13 media outputs with estimated reach of over 2.1 million people.

SMARTER FINANCE FOR FAMILIES

The project Smarter Finance for Families aims to support the formation of financing mechanisms that ideally combine state aid and preferential banking products for both new and renovated buildings. Thanks to the green products of banks, the investment in the building can be optimized in order to reduce future operating costs and ensure high quality housing. From the banking point, such projects meet the new regulation and taxonomy rules.

GREEN BUILDINGS IN PRACTICE

The project followed up a successful series of webinars organized by the Council in cooperation with the Czech Chamber of Architects in the previous year. The aim of webinars was to present sustainable solutions in various areas of green building sector, while providing Council members with the opportunity to share their experience and knowledge with a wider audience from the professional public. All lectures can be viewed on youtube or in the event archive on CZGBC website.

SPECIAL PROJECTS
Klára Bukolská | Member of the Board of Directors
After several years of experience in Studio 8000, Klára has been working since 2004 in VELUX as an architect and focuses mainly on the sustainability of industrial buildings.

Tomáš Habel | Member of the Board of Directors
He is responsible for issues of environment and sustainable development in the Czech Republic. As part of his position, he works in several professional associations and organisations.

Ivo Drábek | Member of the Board of Directors
He has been working at BUILDSYS for almost five years. The company is one of the leaders on the CZ&SK market in the field of complete solutions for building automation.

Vladislav Nožička | Member of the Board of Directors
He has been working in ČSOB since 1999. In 2014 he joined the management of Specialized financing, whose integral part is Commercial Real Estate Financing. ČSOB is an active member of the Council from 2020.

Libor Musil | Member of the Board of Directors
The activities of his family company LIKO-S have always been based on innovation. They have introduced many products in the field of interior division, thermal insulation or prefabricated building systems on construction markets of Central Europe. One of the best known innovations of LIKO-S are so-called living structures covered with plants.

Petr Vogel | Secretary of the Board
Petr Vogel works as a consultant in EkoWATT. He is the main initiator and founder of the Czech Green Building Council.

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EXCLUSIVE MEMBERS

GENERAL MEMBERS

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Archcom s.r.o.
ASSA ABLOY Entrance Systems spol. s r.o.
ATREA s.r.o.
Bogle Architects s.r.o.
BELIMO CZ spol. s r.o.
BUILDSYS, 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.
CPI CPI Property Group, a.s.
CRESTYL real estate, s.r.o.
ČEZ ESCO, a.s.
DOBŘE PODLAHY s.r.o.
Eколagroup spol. s r.o.
EkoWATT CZ s.r.o.
ENVIROS, s.r.o.
ERGO Working Space s.r.o.
FINEP CZ a.s.
Forbo s.r.o.
Frank Bold advokáti, s. r. o.
GT Energy s.r.o.
HELUX cihlářský průmysl v.o.s.
Hero & Outlaw a.s.
IKEA Česká republika, s.r.o.
Insight Home, a.s.
JRD s.r.o.
Kingspan a.s.
KKCG Real Estate a.s.
Knauf Insulation, spol. s r.o.
KONCEPT EKOTECH s.r.o.
KPMG Česká republika, s.r.o
LEGRAND s.r.o.
Len+K architekti s.r.o.
LIKO-S, a.s.
MOMOSO s.r.o.
MOSAIC HOUSE s.r.o.
NARBUTAS
OPTIMAL Engineering spol. s r.o.
Panattoni Czech Republic Development s.r.o.
PKV BUILD s.r.o.
PROLICHT CHEZ s.r.o.
Prologis Czech Republic Management s.r.o.
Rada Building s.r.o.
RUBY Project Management s.r.o.
SEDUM TOP SOLUTION s.r.o.
Sentient s.r.o.
SEVEN, The Energy Efficiency Center, z.ú.
SilentLab s.r.o.
Stora Enso Wood Products Oy Ltd
Stantec s.r.o.
Technický a zkušební ústav stavební Praha, s.p.
Univerzitní centrum energeticky efektivních budov ČVUT v Praze
VELUX Česká republika, s.r.o.
Vera Hampi Architects
WAFFE s.r.o.
WAGO-Elektro spol. s r.o.
WPremium event, s.r.o.
ZERO Architecture s.r.o.