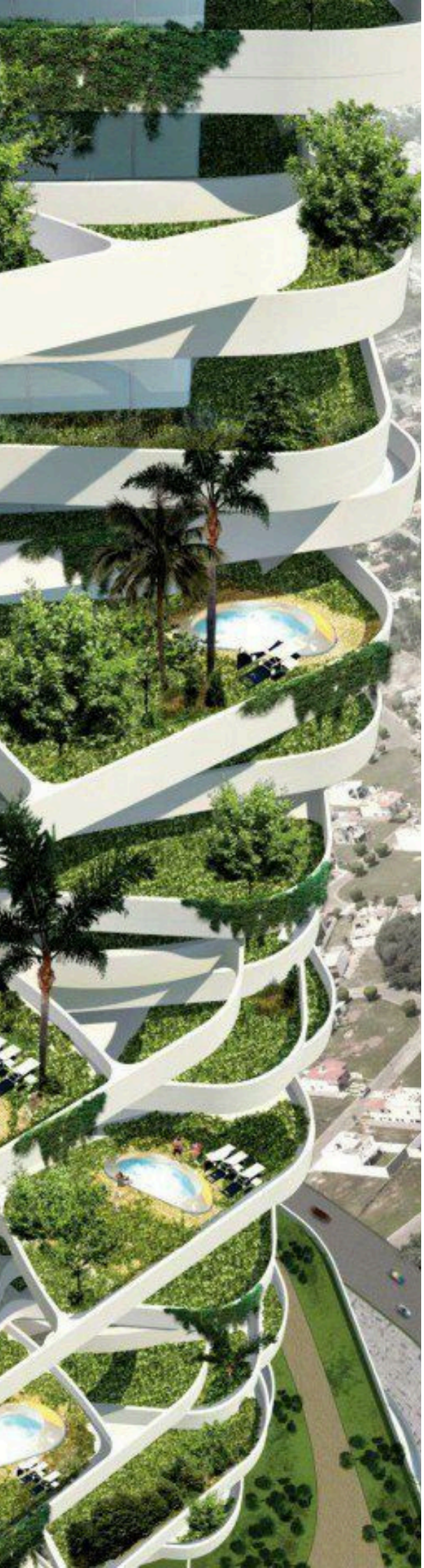


SKGBC
SLOVAK GREEN BUILDING COUNCIL
SLOVENSKÁ RADA PRE ZELENÉ BUDOVY

ANNUAL REPORT

JANUARY – DECEMBER 2022



Dear SKGBC members, friends and supporters of sustainable constructions,

As in the years before, the previous year was a demanding one. We had to deal with post-covid restrictions, as well as the impacts of the war conflict at our neighbours. The constructions industry has gone through a difficult time and got under a lot of pressure in 2022.

However, we have done our best to keep up with our activities and to increase the appeal of sustainability in constructions. We know that the interest of the experts and general public in the topic of sustainability keeps growing - be it because of the EU climate goals, or the more sensitive approach of all of us in terms of energy management and the climate change issues.

We are one of the most visible and active associations in the industry, getting closer and closer to reaching our vision of sustainable constructions becoming a standard in Slovakia.

We have made several major steps forward in 2022. In cooperation with the Slovak Chamber of Architects, we have been able to invite world-class architects and experts in sustainability to Slovakia and organise the first annual international conference entitled GREEN BUILDING SUMMIT 2022. It was a summit event on the topic of sustainable renovation of buildings in the area of Central Europe, taking place under the patronage of the President of the Slovak Republic.

In cooperation with selected members, other associations and scholars, we started the Initiative for Modern Wooden Constructions with the goal to support wood as a sustainable raw material in modern constructions. By the end of the year, the initiative has had ten partners and 17 supporters. We have continued in the close cooperation with the Office of the President of the Slovak Republic, focusing on the project of support of sustainable construction of public buildings - the Green Seal of the President.

We have signed a memorandum of cooperation with the Association for Green Roofs and Green Infrastructure and continued in cooperation with the green councils in the Visegrad Group countries (the Czech Republic, Poland and Hungary).

Our members continue introducing their latest solutions for reduction of carbon footprint and energy efficiency. We educate the public and provide a platform for specialised discussions in virtual environment, as well as at physical events. In the last year, we opened the first year of our education programme of sustainability academy entitled GREEN BUILDING ACADEMY 2022.

The Green Building Week of 2022 was very successful and intense, as well. Part of it was also a tour of attractive new buildings, as well as renovated historic buildings of Bratislava. We had a record-breaking number of participants and noticed high interest of experts, as well as general public.

Thanks to the fact that we have been active for more than 12 years, we have gained a strong footing on the market. The Slovak Green Building Council was registered on 22 November 2010. At its founding meeting in May 2011, it already had 23 members. By cooperating with our 60 members, we get closer and closer to achieving the global goal of mitigating the impacts of the climate change.

I would like to thank all our members for their constant support. Without it, we would not be able to make the progress we have made.

The results achieved are a commitment for us to go on and so we pledge to continue supporting and promoting sustainable and low-carbon constructions. I wish all of us good luck in achieving this goal.

PAVOL KUKURA
predseda predstavenstva

KEY EVENTS

- **We represented the SKGBC** at **all major events on sustainable constructions** in Slovakia. We participated at 33 events as speakers, hosts, organisers, or expert guarantors. 15 of the events were organised by the council itself, welcoming more than **1,550 participants.**

- In cooperation with the Slovak Chamber of Architects, we organised the **first annual international conference entitled GREEN BUILDING SUMMIT 2022** on sustainable renovation of buildings.

- We have also opened the **first year of sustainability academy entitled GREEN BUILDING ACADEMY 2022.** It is an education programme consisting of seven modules focusing on various aspects of sustainability.

- We have also started the **Initiative for Modern Wooden Constructions** with the objective **to support wood as a sustainable raw material** in modern constructions. By the end of the year, the new initiative has had ten partners and 17 supporters.
- At the end of the year, we hosted the **12th annual series of events on sustainable constructions of Green Building Week 2022.** At five events, we welcomed more than 360 participants and noticed a significant interest of experts and general public.

- At the end of the year, we signed a **Memorandum on Cooperation with the Association for Green Roofs and Green Infrastructure.** Its goal is to cover as many roofs and façades as possible with greenery.

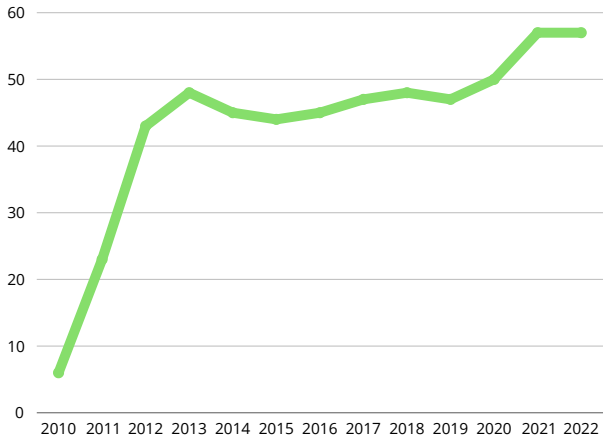
MEMBER BASE DEVELOPMENT

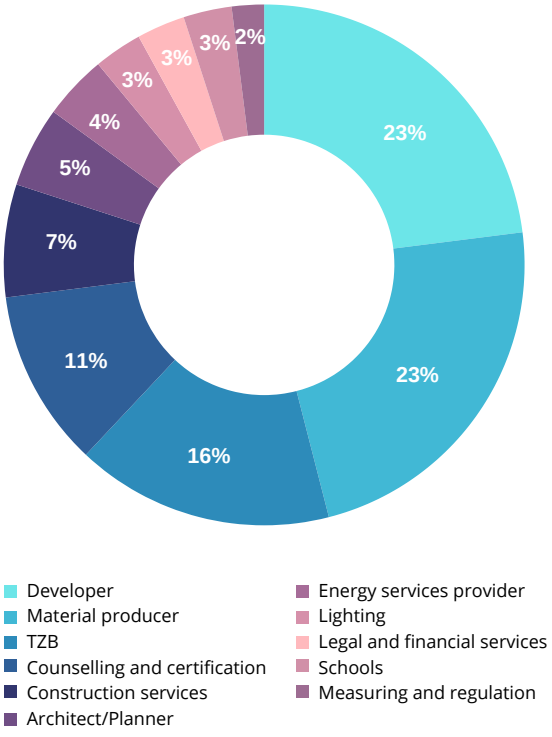
As of 31 December 2022, the Slovak Green Building Council (SKGBC) had **57 member companies.** During the previous year, we welcomed 7 new members.

We have two exclusive members, 11 founding members, 41 proper members, and three associated members.

We are very glad that our exclusive member of **Saint-Gobain** was joined by **VÚB banka** in 2022, as the first financial institutions among our members.

Over the past years, we have awarded **honorary membership** to Mr **Miloš Blanárik**, professor **Dušan Petráš**, and professor **Róbert Špaček** for their long cooperation and support of our activities.



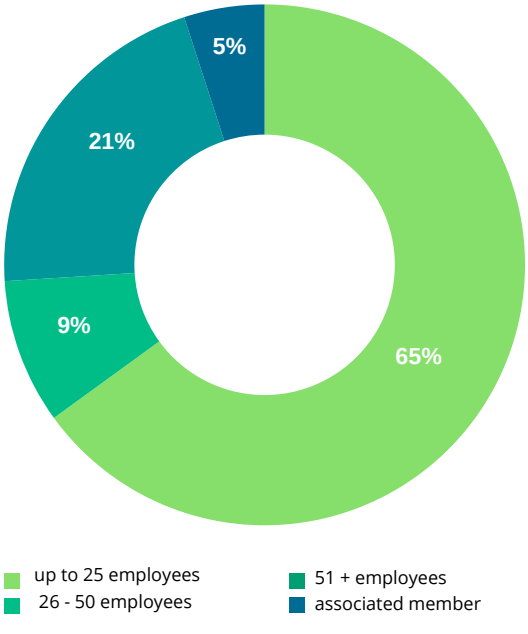


From the perspective of categories, i.e., **the main business activities** of our members, the largest group are developers (23 %) and material producers (23 %).

The categories cover 13 companies each. They are being followed by the categories of HVAC services (9 companies, 16 % of the base) and 6 companies dealing with counselling and certification (11 %). The other categories are smaller.

As far as **the size** of the companies goes, which is the base for calculating the SKGBC membership fee, we have mostly smaller companies with up to 25 employees (37 companies, 65 % of the base).

Twelve companies (21 %) have more than 51 employees and the rest are middle-sized companies and associated members.



SKGBC EVENTS











As far as our events and activities goes, the **SKGBC has organised more events than the year before.** At all our events, we noticed significant interest of experts and the general public, and a y/y growth of the number of registered participants.

In 2022, the SKGBC was **represented at 33 events** focusing on sustainable constructions or architecture, out of which **15 were organised by the SKGBC** itself, welcoming more than **1,550 participants.**

Apart from the events organised by the council, we also **participated in major international projects and events organised by our partners**. We took part in **18 partnership events** as speakers, hosts, organisers, or expert guarantors.

The main pillars of 2022 were the three main events, as follows.

In March, we introduced the sustainability academy entitled **GREEN BUILDING ACADEMY 2022.** It is a series of seven specialised webinars focusing on sustainable constructions, education of the general public and experts from sectors outside the construction industry. Over the course of the modules, the experts introduce various aspects of sustainability in constructions, the basic definitions and principles of sustainability and good practices of practical application.

In May, in cooperation with the Slovak Chamber of Architects, we organised the first annual international conference of **GREEN BUILDING SUMMIT 2022.** We consider this event a summit on the topic of sustainable renovation of buildings in the area of Central Europe.

In September, we organised the 12th year of the series of events entitled **Green Building Week 2022**, consisting of five events with different focus, accompanied by specialised commented tours of selected sustainable buildings, historic buildings and national cultural monuments.

GREEN BUILDING ACADEMY 2022

The series of specialised webinars focusing on sustainable constructions entitled **GREEN BUILDING ACADEMY 2022** was launched in March 2022. The academy of sustainability focuses on education of the general public, as well as experts from sectors outside the construction industry.

The series consists of **seven webinars** in which our experts introduce various aspects of sustainability in constructions. The modules also deal with basic definitions and principles of sustainability in constructions, as well as best practices of practical application and stages of construction in terms of sustainability.

There were more than **400 registered participants** of the **7 modules** of the academy. Media and schools were able to participate in the academy free of charge.

The modules were integrated into the system of Professional Education of Architects of the Slovak Chamber of Architects as Event B, valued by 10 credits. It is also part of the life-long education system of the Slovak Chamber of Civil Engineers. Apart from these two institutions, the academy was also supported by our partner, the Technical University in Košice, which provided valuable information to its content.

After the conclusion of the webinars, the participants completing all seven modules received a **CERTIFICATE**.

21 graduates completed all seven modules of the academy's first year and got their **CERTIFICATES.**


GREEN BUILDING ACADEMY 2022

CERTIFIKÁT

Martin Vaščák

za úspešne absolvovanie 7 modulov akadémie udržateľnosti GREEN BUILDING ACADEMY 2022.

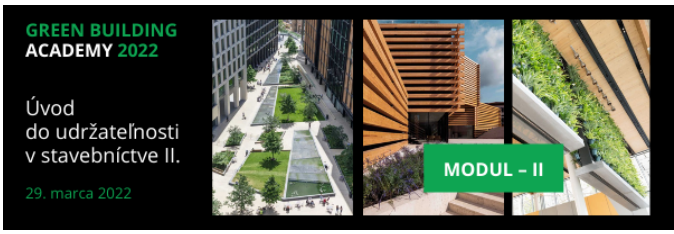
Ing. Barbara Plachá
výkonná riaditeľka SKGBC

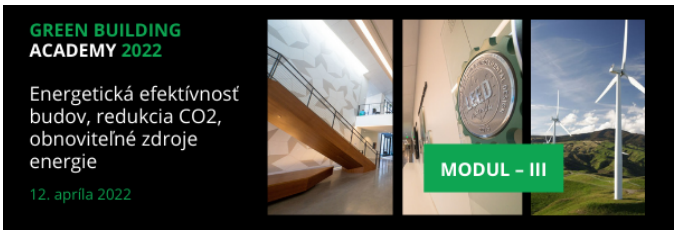
Ing. Pavol Kukura, PhD.
predseda predstavenstva SKGBC

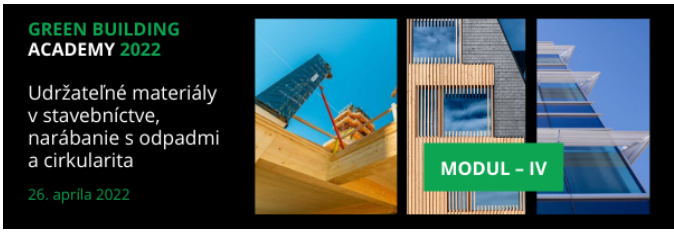
V Bratislave, dňa 30.6.2022

SKGBC















GREEN BUILDING SUMMIT 2022

The international conference named **GREEN BUILDING SUMMIT 2022** is based on our 9-year successful tradition of events named Sustainability in Architecture and Constructions, previously organised by the council and the Eurostav magazine. In 2022, we started a close cooperation with the Slovak Chamber of Architects in organising the first annual summit on **3 May 2022**, in the exclusive venue of the floating conference room of Pontoon on the Danube River in Bratislava.

The conference was **the summit event on the topic of sustainable renovation of buildings in the area of Central Europe.** The event was organised under the patronage of the President of the Slovak Republic **Zuzana Čaputová** and the Mayor of the City of Bratislava **Matúš Vallo.**

The programme of the conference was structured in a way to stress **the sustainability as the way to recover and resilience**, and consisted of three theme blocks with presentation, and subsequent discussion panels.

The main topics of the conference were:

- **Recovery and resilience in architecture**
- **Innovation in technologies and construction**
- **Best practices**

The goal of the conference was to provide inspiration and case studies on sustainable solutions and experience on how to renovate old buildings and introduce future trends in architecture and constructions. Adaptation and resilience is not only about new buildings.

We noticed significant interest in the topics presented at the GREEN BUILDING SUMMIT 2022 conference. It had more than **200 participants.**

The conference was a key event with renowned **speakers from Slovakia and abroad.**

In the 1st block entitled Recovery and Resilience in Architecture, the speakers were: Andy Young, Ioannis Gio, Peter Moravčík, Lenka Petráková, Kay Strasser, and Fernando Nebot Gómez.

In the 2nd block entitled Innovation in Technologies and Construction, the speakers were: Lucas J. Hamilton, Tomáš Guniš, Adam Rujbr, Matej Hrubý, and Adam Cifra.

In the 3rd block entitled Best Practices, we welcomed Ian Bogle, Huub de With, and Gilan Beune, representatives of international architecture studios.









Green Building Week 2022

In 2022, we prepared and organised the 12th year of the series of events entitled **Green Building Week 2022**. The series consisting of five events on sustainable constructions took place in-person in the last two weeks of September **(19-30 September 2022).**

The last year took place **simultaneously to the World Green Building Week,** organised by the green building councils all over the world, under the umbrella of the World Green Building Council (WGBC). The global motto of the events was **#BuildingforEveryone**.

The events were organised under the patronage of the Minister of Environment of the Slovak Republic **Ján Budaj** and the Minister of Transportation and Construction **Andrej Doležal**.

As part of the Green Building Week, we organised two specialised events named **GREEN BUSINESS BREAKFAST,** accompanied by specialised discussions and a tour of a sustainable building. One event, named **GREEN BUSINESS AFTERNOON**, was held in a national cultural monument (guided tour). We also added a new event format of **GREEN WALK - GREEN TALK,** focusing on sustainable solutions, with a tour of a historic building.

The jewel of the series of specialised events was - as usually - the networking event of **GREEN BUSINESS CLUB 2022.**

The successful week was concluded by the partnership event of VÚB ATLAS Talks, organised by the council's exclusive member under the patronage of the SKGBC.

The main topics of the Green Building Week 2022 were:

- Wood as renewable resource and alternative in commercial construction
- Carbon footprint of buildings
- Introduction of the Jurkovič Heating Plant and sustainable solutions
- Sustainable buildings and towns in the time of energy crisis

At all our events, we noticed significant interest of experts and the general public. We were glad to see the growing interest in the topic of sustainability, as reflected by the high number of participants from outside the SKGBC member group.

593 people registered for the Green Building Week 2022 events, what **is two times more** than in 2021.

The number of participants reached **399**, what is a y/y **growth by 55 per cent**.









For students

The INTERREG project

The purpose of the project of **"Preparing Students for Practical Life in Area of Sustainable Buildings"** is the support of interest in sustainable, healthy and high-quality constructions. The joint Czech and Slovak project of the Passive House Centre, the Slovak Green Building Council and the platform of Buildings for Future was focused on education in the area of high-quality and sustainable constructions, with the topical interconnection of students, scholars, teachers and experts from practical life. The project was launched in November 2019 and completed in April 2022.







Universities from the Czech Republic were given access to more than **60 specialised lectures, forums, webinars and workshops**, **13 field trips, 39 internship positions and 3 specialised courses** focusing on the basic principles of solutions and designing sustainable constructions. We had a total of **1,588 participants.**

For secondary schools in Slovakia, we organised **131 lectures** on the topic of basic principles of sustainable constructions, **9 interactive field trips**, **and 14 custom-made specialised consultations** with a workshop and temporary jobs for students. We had a total of **3,198 participants**. In total, **40 companies** from the Czech Republic and **19 companies** from Slovakia participated in the project via various activities.

As part of the project, we also **conducted two surveys**. The first one focused on the awareness on sustainable constructions among the students of the participating schools. The second one dealt with the topic of renovation of houses in the border regions of the Czech Republic and Slovakia.

The project was co-funded by the European Regional Development Fund - Together without Borders "Preparation of Students for Practical Life in Area of Sustainable Buildings" as part of the Operational Programme of Cross-Border Cooperation, 304000-Interreg V-A SK – CZ 2014-2020, www.sk-cz.eu, www.europa.eu, /NFP application code: NFP304010U332.

SK-CZ 14-20 INTERREG V-A SLOVENSKÁ REPUBLIKA ČESKÁ REPUBLIKA

EURÓPSKA ÚNIA EURÓPSKY FOND REGIONÁLNEHO ROZVOJA

SPOLOČNE BEZ HRANÍC

Prefa Goes Creative

In 2022, we supported the year 0 of the competition entitled **Prefa Goes Creative 2021/2022**, announced by our member Peikko Slovakia for students of the Slovak Technical University in Bratislava. Students competed with projects of apartment houses in order to win valuable prices and recognition of the expert jury. The task was very topical. **APARTMENT HOUSE - CREATIVITY V. PREFABRICATES**





The main prize was won by **Matej Grman**, receiving it from the hands of the winner of prestigious CEZAAR awards and the jury chairwoman Katarína Viskupičová. **Dominika Dzanová** came second and **Patrícia Hamalová** third. The SKGBC special award for most sustainable elements of the project was given by Pavol Kukura, chairman of board of the council, to **Matúš Todorov.** We are happy that we were part of this great and successful project and look forward to the next years of the competition.

COOPERATION AND PROJECTS

Green Seal of the President



The President of the Slovak Republic Zuzana Čaputová introduced the project of the **Green Seal of the President** to the public on 1 April 2022. It was designed in cooperation with the Slovak Green Building Council **board members Pavol Kukura, Martin Stohl, and Marek Kremeň.**

The objective of the project is to motivate officials, organisations, and institutions to become inspired by the Green Office of the President and adopt the standards of green institutions and focus on renovation of their buildings and their operation, taking into account their sustainability. The Green Seal of the President is to be awarded for above-standard renovation of public buildings. There are significant funds from the EU and the Recovery Plan dedicated for such purposes. The main target group of the project owners of public buildings.

The Green Seal of the President applicants must meet the **criteria in 7 construction-related and 3 other categories** prepared by experts in construction sustainability with the SKGBC, Institute for Circular Economy, the Buildings for Future platform, and the Slovak Chamber of Architects. The project was prepared in cooperation with ZMOS and the Union of Towns and Cities of Slovakia. You can find more information at **www.zelenapecat.sk.**

Buildings for Future

Cooperation of the SKGBC on development of legislation towards sustainable and low-carbon constructions is going on with the **Buildings for Future platform (BPB)**, with us as its founding member.

In 2022, the activities of the SKGBC and BPB focused mainly on changes in legislation, resulting in a **joint webinar in cooperation** with the BPB and the law firm of Poláček & Partners. The webinar focused mainly on the changes of the new construction legislature (the Zoning Act and the Construction Act).

Thanks for our partner, the BPB, for the first time in history, the use of nearly 1 billion euros from the Recovery and Resilience Plan for construction and renovation of hospitals **requires certification of sustainability with the systems of BREEAM, LEED, WELL etc.** Therefore, in the beginning of 2023, we plan to hold a meeting of the BRE representatives with the representatives of the Office of the Government of the SR, the Ministry of Health of the SR and of individual hospitals.

Memorandum on Cooperation

In 2022, the SKGBC has signed a **Memorandum on Cooperation** with the **Association for Green Roofs and Green Infrastructure.** Its goal is to cover as many roofs and façades as possible with greeneries.

The main objective of the cooperation is our mutual support at implementing environmentally and socially positive sustainable architectonic or urban solutions in practical life, focusing on adaptation measures, as well as at awareness activities for experts and the general public.

Both the organisations try to support sustainable architecture and constructions, balanced development of Slovak towns and municipalities, being respectful to its people and the environment at implementing adaptation measures mitigating the negative impacts of climate change.

Initiative for Modern Wooden Constructions

In cooperation with selected members, other associations and scholars, the Slovak Green Building Council (SKGBC) started the **Initiative for Modern Wooden Constructions** with the goal to support wood as a sustainable raw material in modern constructions. The initiative was founded in September 2022 and by the end of the year, it already had **10 partners and 17 supporters.**



The use of wood as a construction material is not sufficient in modern constructions. Wooden construction materials must be part of the solutions to achieve the climate goals for 2030 and 2050.

Wooden constructions represent a potential to use domestic raw materials with higher added value. There is already the base of the ecosystem to introduce wood-based prefabricated constructions. There are many companies active in building pre-engineered constructions, although those are mainly houses for single families. However, there are some barriers in using wood as construction material to its full potential. However, those could be eliminated by changing the legislation.Today, the Slovak standards allow building wood-based constructions only up to 5 storeys high. This is not sufficient for investors and a disadvantage when compared with regulations of other countries.

Partners as of 31. 12. 2022

CORWIN

CRESCO REAL ESTATE

IMMOCAP

JTRE

peikko

MiddleCap

KNAUF INSULATION

SAINT-GOBAIN

YIT

Supporters as of 31. 12. 2022

- Budovy pre budúcnosť
- Drevárska fakulta Technickej univerzity vo Zvolene
- Fakulta architektúry a dizajnu Slovenskej technickej univerzity v Bratislave
- Inštitút pre pasívne domy
- Inštitút Slovenskej komory architektov
- Kontrakting
- Manifest 2020
- Metropolitný inštitút Bratislavy
- Pokorny architekti
- Poláček & Partners
- R.A.U. - QArtAll atelier
- Siebert + Talaš
- Stavebná fakulta Slovenskej technickej univerzity v Bratislave
- Stavebná fakulta Technickej univerzity v Košiciach
- Staviame z dreva
- Všeobecná úverová banka
- Zelená stavba

ECONOMIC RESULTS FOR 2022

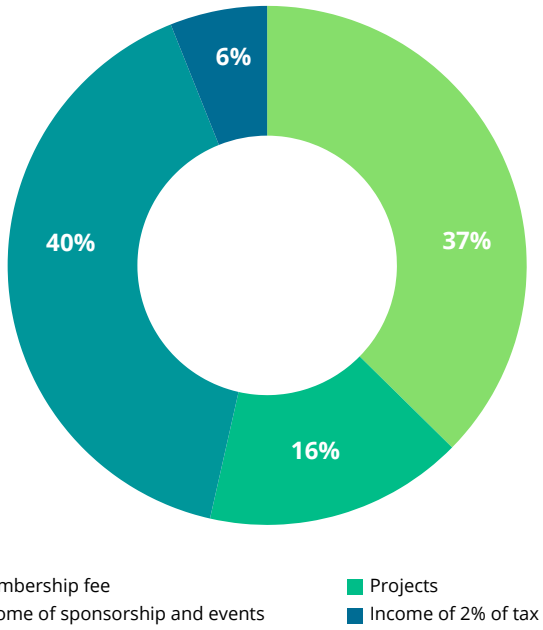
Income

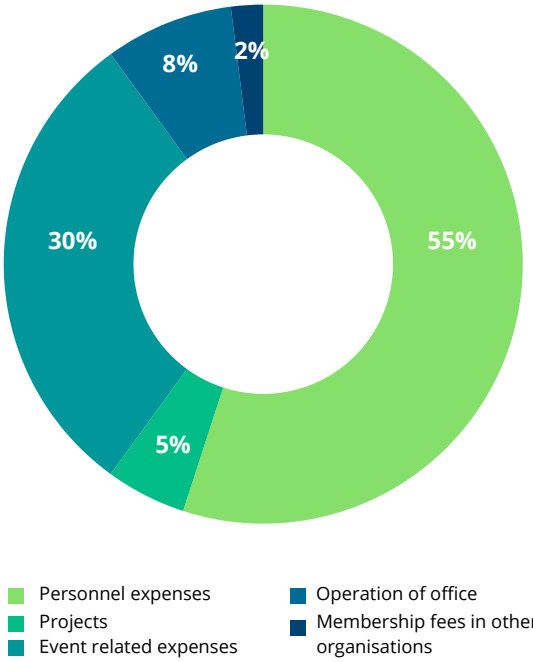
In 2022, the **Slovak Green Building Council** received income mainly from sponsorship and events, as well as membership fees. There was also some income from projects and income of 2% of the tax.

Income of sponsorship and events of the SKGBC in 2022 reached 40 % of the total income, representing 83,151 euros.

The second largest group of income was the membership fee, amounting to 76,928 euros. The rest was the income of projects amounting to 33,196 euros and the 2% of the income tax (12,449 euros).

In total, the income of 2022 was **205,724 euros.**





Expenses

In 2022, the largest group of the SKGBC expenses were personnel expenses amounting to 110,466 euros and event related expenses of 59,885 euros.

We used 15,985 euros to cover the operation of the office and 10,582 euros for projects.

As the founding member of the Buildings for Future platform, the council paid the membership fee of 5,000 euros (2 % of its overall expenses).

The total expenses 2022 amounted to **201,918 euros.**

The economic result of the SKGBC from 1 January 2022 to 31 December 2022 was 3,806 euros.

The account balance at the end of the year was 36,894 euros.

On 1 July 2022, the Slovak Green Building Council became a value added tax (VAT) payer.

BOARD MEMBERS



Pavol Kukura
Chairman of Board
Chairman of Supervisory Board of the Woodrock company



Peter Robl
Deputy Chairman of Board
public affairs manager Eastern Europe
KNAUF INSULATION



Rastislav Badalík
Member of Board and Treasurer
CEO of the company
Teichmann&Compagnons



Marek Kremeň
Member of Board
CEO of the company EXERGY



Pavol Praženica
Member of Board
Business Manager SIEMENS



Michal Široký
Member of Board
Marketing Manager
Saint-Gobain Slovensko



Tomáš Messinger
Member of Board
head of ESG and sustainability
HB Reavis
od 01.05.2022



Martin Stohl
Member of Board
sustainability&wellbeing specialist
HB Reavis
do 30.04.2022

TEAM MEMBERS



Barbara Plachá
Executive Director
director@skgbc.org



Henrieta Kiššová
PR and Marketing Manager
events@skgbc.org



Patrícia Vlková
Office Manager
office@skgbc.org



Barbora Chamulová
Office Manager
do 09.08.2022

CONTACTS

Slovenská rada pre zelené budovy
Slovak Green Building Council (SKGBC)

Vajnorská 8/A
831 04 Bratislava
E: office@skgbc.org
M: + 421 918 513 102

Slovak Green Building Council

www.skgbc.org

EXCLUSIVE MEMBERS AS OF 31. 12. 2022

SAINT-GOBAIN

VÚB BANKA

FOUNDING MEMBERS

Atrios

DELTA

DNA

e-DOME
Člen spoločného podniku ČEZ ESCO a SPP

ELEKTRODESIGN VENTILÁTORY SK
Company of Soler & Palau Ventilation Group

KNAUF INSULATION

OBERMEYER HELIKA s.r.o.

SCHÜCO

TEICHMANN & COMPAGNONS

VELUX

ZUMTOBEL Group

REGULAR MEMBERS

ALTO REAL ESTATE

armacell

AS Property

Asio
modro zelené mesto

BAU

BERA

Climaport

Colliers INTERNATIONAL

CORWIN

CRESCO REAL ESTATE

DAIKIN

energio
istota v chladení

ENGIE

epitrend
ROZUMIEME TEPELNÝM ČERPADLÁM

EXERGY

glob

GreenCon International

hbreavis

IMMOCAP

ITP Control s.r.o.
RIADIACE SYSTÉMY BUDOV

JTRE

LAUFEN

LIKO-S international

MiddleCap

PANATTONI

peikko

POLÁČEK & PARTNERS

PROINTERIER

REDE

REHAU

Reinoo

Reynaers Aluminium

SALVIS

SIEMENS

simulácie budov

Tarkett

TAW

VIESMANN

WOODROCK INVESTMENT

YIT

ASSOCIACED MEMBERS

STU FAD

TECHNICKÁ UNIVERZITA V KOŠICIACH

TSUS
TECHNICKÝ A SKÚŠOBNÝ ÚSTAV STAVEBNÝ
BUILDING TESTING AND RESEARCH INSTITUTE

Slovenská rada pre zelené budovy
Slovak Green Building Council (SKGBC)

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SKGBC
SLOVAK GREEN BUILDING COUNCIL
SLOVENSKÁ RADA PRE ZELENÉ BUDOVY