

Energetická hospodárnosť v centre pozornosti 04.-05.12.2012

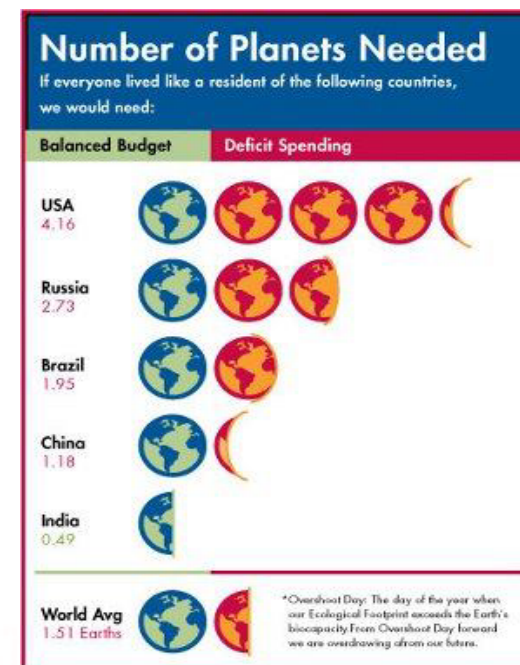
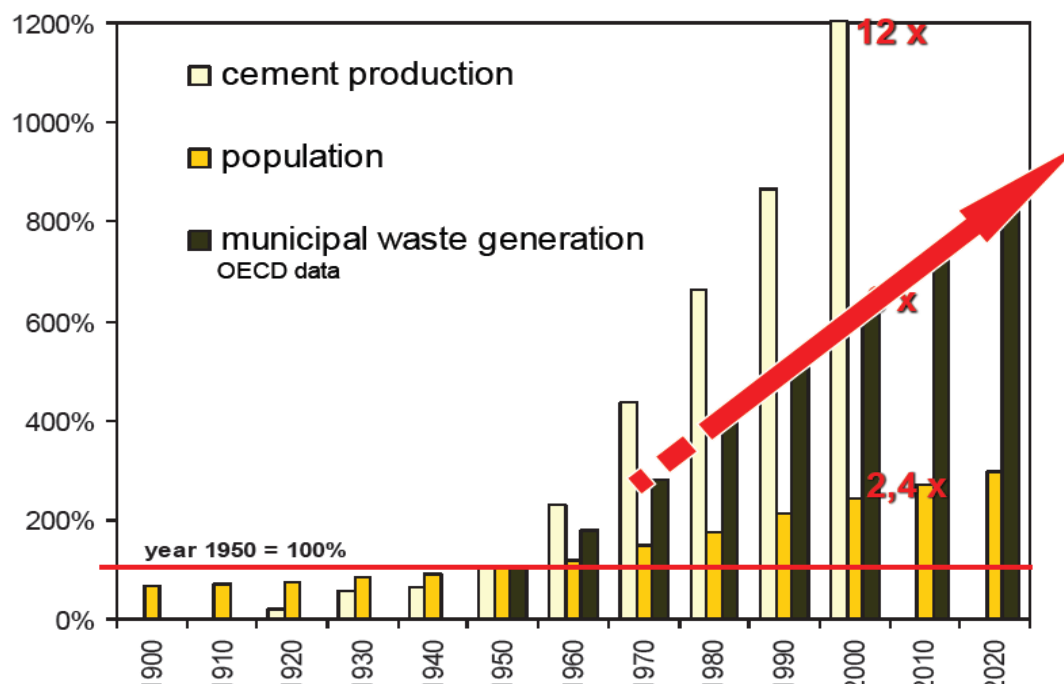


Čo sú “zelené” budovy?

Ing. Ladislav Piršel, PhD.
člen predstavenstva SKGBC

„Let’s promote and celebrate green
buildings together“

Na zamyslenie



Čo má byť náš cieľ?

Sociálna rovnováha

Ekonomická prosperita



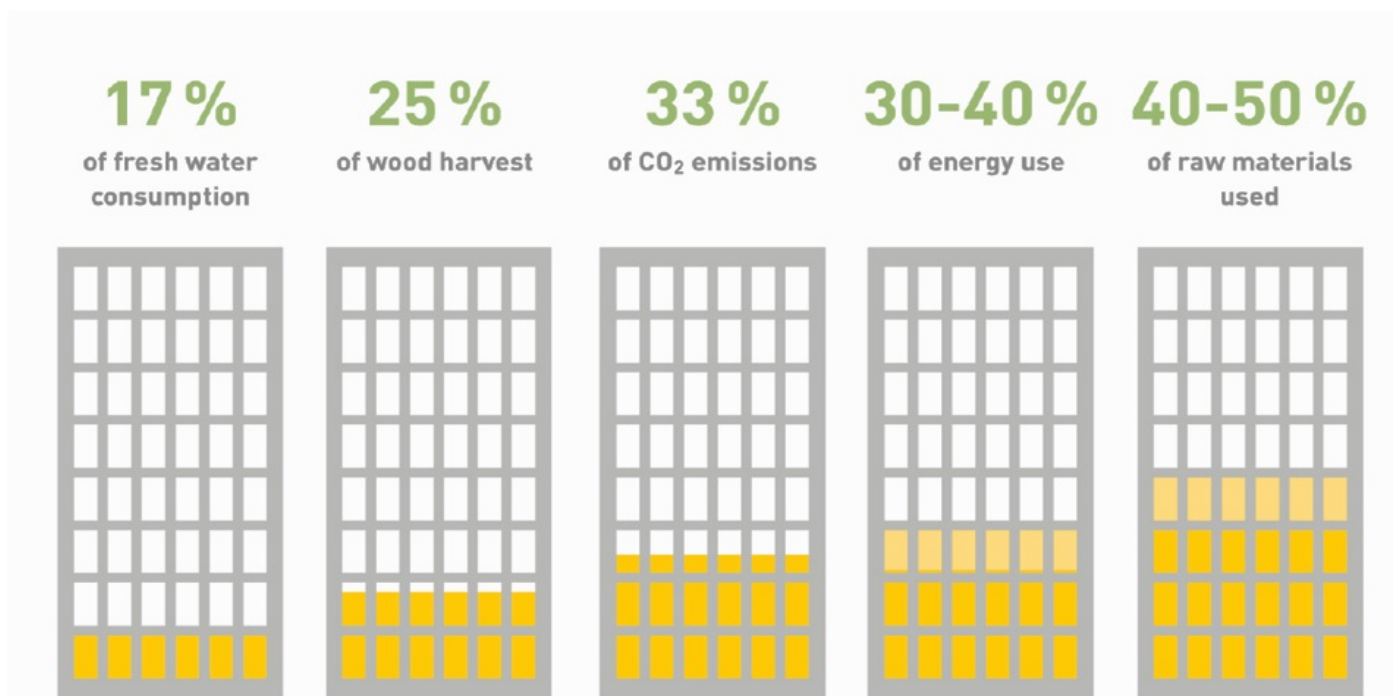
Environmentálna zodpovednosť



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Čo súvisí s budovami?

- 30-40 % spotreby energie
- 33 % emisií CO₂
- 17 % spotreby pitnej vody
- 25 % spotreby vytáženého dreva
- 40-50 % spotreby surovín



Čo sú zelené budovy?



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Prečo zelené?

- Zelená = farba trvalej udržateľnosti (aj nádeje)
- Trvalá udržateľnosť:
“Schopnosť uspokojovať dnešné potreby bez toho, aby to bolo na úkor uspokojovania budúcich potrieb.” (Brundtland)



- Trvalá udržateľnosť je stav komplexného dynamického systému. V tomto stave systém môže neustále prosperovať bez toho, aby to viedlo k jeho vnútornému kolapsu alebo aby si to vyžadovalo vstupy spoza definovaných hraníc systému. (© **EXCEPT**)
INTEGRATED SUSTAINABILITY

“Sustainability is a state of a complex, dynamic system. In this state a system can continue to flourish without leading to its internal collapse or requiring inputs from outside its defined system boundaries.”

- Aplikujúc to na našu civilizáciu, tento stav zodpovedá spravodlivej a zdravej spoločnosti ako aj prosperujúcim ekosystémom a krásnej planéte. (© **EXCEPT**)
INTEGRATED SUSTAINABILITY

“Applied to our civilization, this state is consistent with an equitable and healthy society, as well as thriving ecosystems and a beautiful planet.”



Certifikačné schémy



BUILDING CERTIFICATION

Learn about certifying projects in the LEED Rating Systems™ and how each Rating System is tailored to encourage and accelerate global adoption of sustainable green building, operations, and neighborhood development practices.



**LEED for New
Construction**



LEED for Schools



**LEED for Core &
Shell**



LEED for Retail



**LEED for
Commercial Interiors**



**LEED for Existing
Buildings:
Operations &
Maintenance**



**LEED for
Neighborhood
Development**



**LEED Italia for New
Construction**



Hodnotenia udržateľnosti



-  udržateľnosť umiestnenia
-  efektívnosť využívania vody
-  energia a atmosféra
-  materiály a suroviny
-  kvalita vnútorného prostredia
-  inovatívny návrh
-  regionálne priority



Certifikačné schémy

BREEAM®

International

Several BREEAM schemes exist that together enable the assessment of buildings anywhere in the world.

Please note that the BREEAM schemes listed below should only be used in countries where there is no National Scheme Operator or where the schemes developed by the National Scheme Operator are not appropriate for the assessment of your building. For further guidance on this please contact the BREEAM Office.



**BREEAM Europe
Commercial**



**BREEAM International
Bespoke**



BREEAM In-Use



BREEAM Rating Benchmarks			
PASS	≥30%		
GOOD	≥45%		
VERY GOOD	≥55%		
EXCELLENT	≥70%		
OUTSTANDING*	≥85%		

Minimum BREEAM Standards				
Pass	Good	Very Good	Excellent	Outstanding
YES	YES	YES	YES	NO

Minimum required credits by BREEAM issue and rating



Zdravie → a pohoda



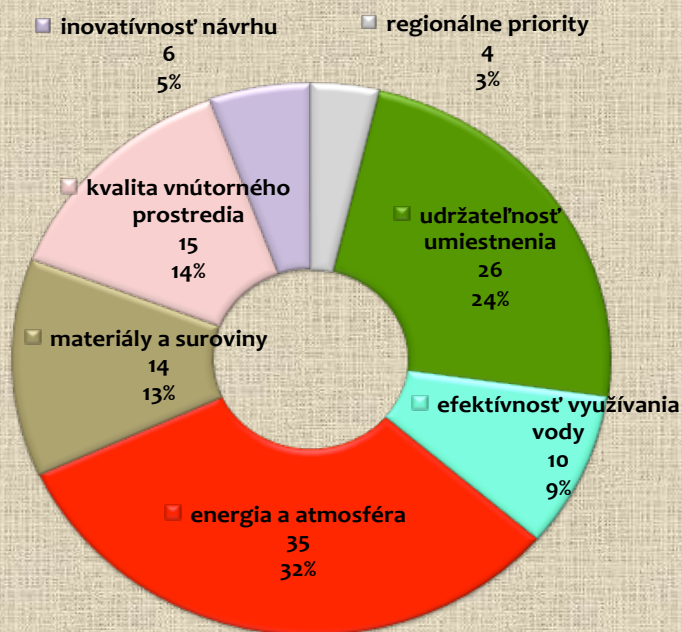
A collection of hand tools including a trowel, a float, and a screed, resting on a wooden surface against a brick wall.



11

Váhy hodnotiacich oblastí

LEED 2009 New Construction & Major Renovations

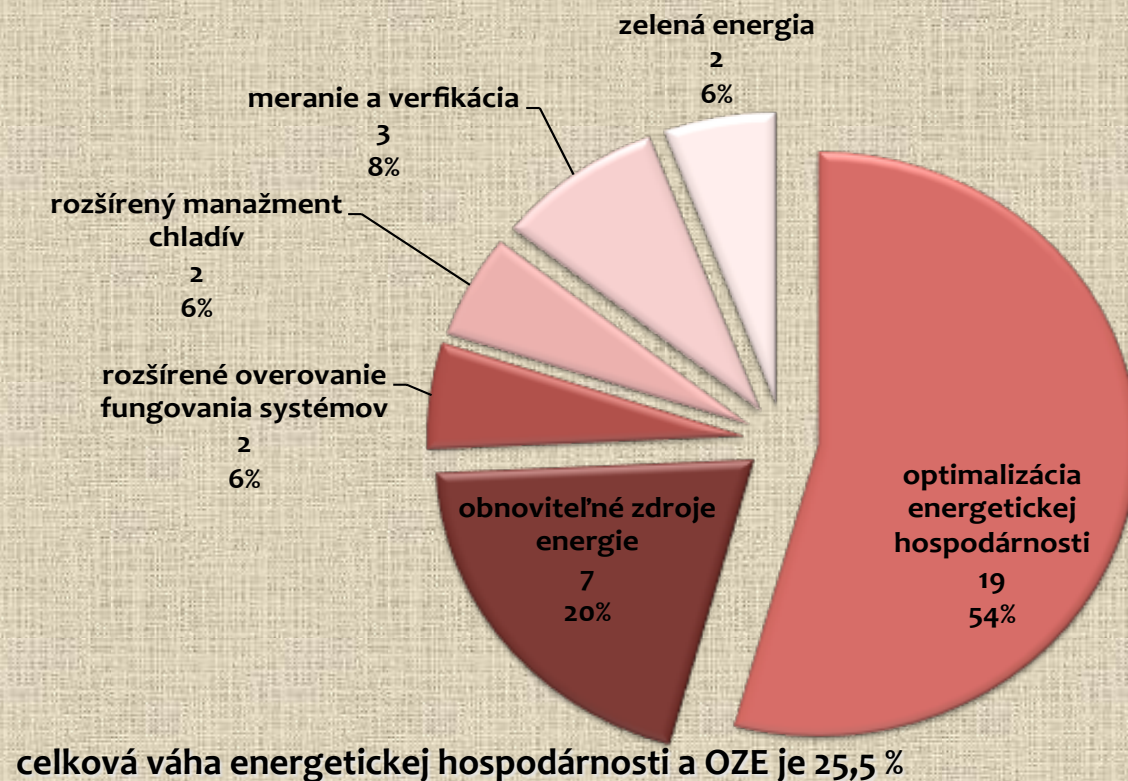


BREEAM Europe Commercial



Váha spotreby energií

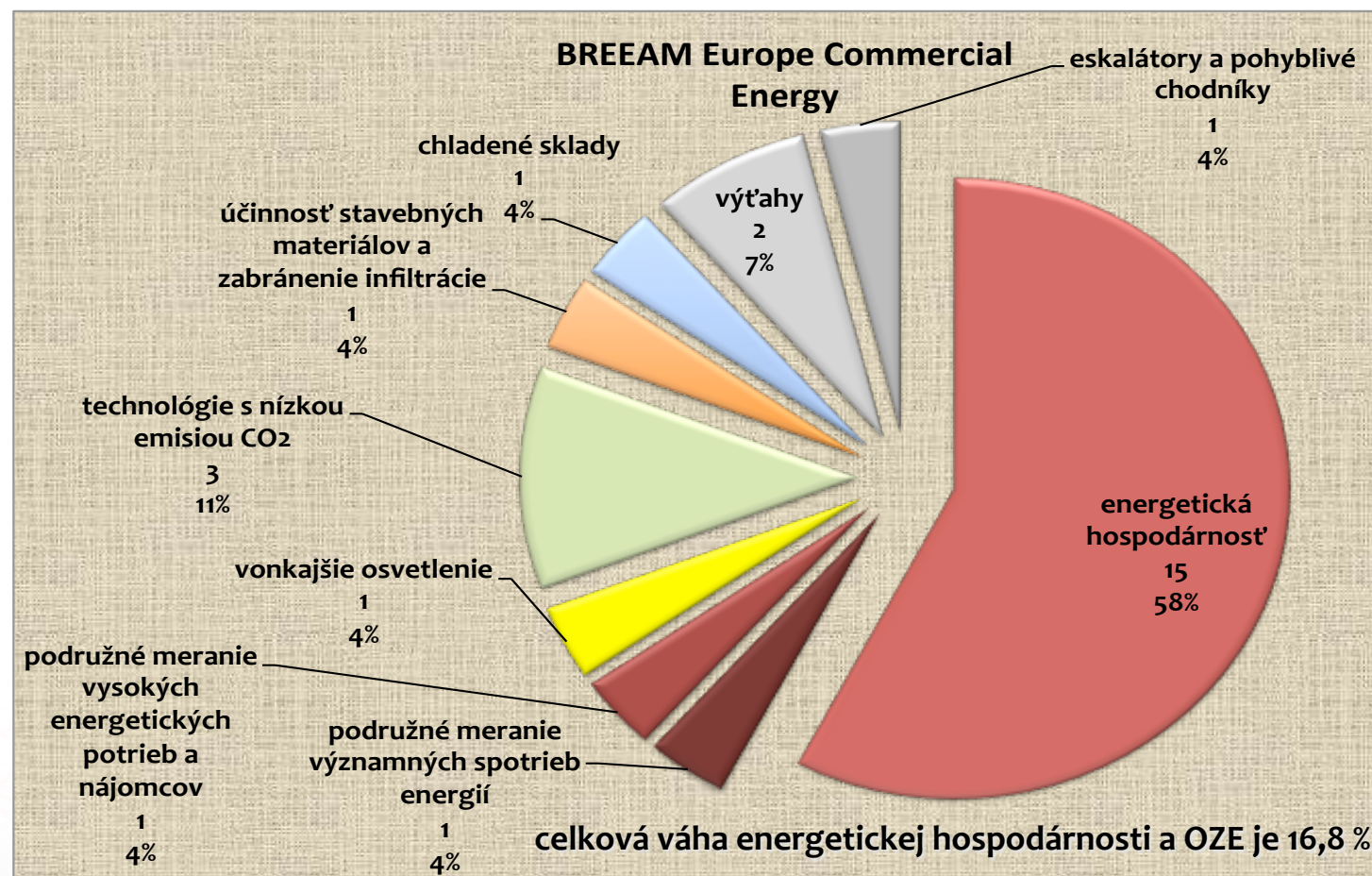
LEED 2009 New Construction & Major Renovations Energy & Atmosphere



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Váha spotreby energií

BREEAM®



Energetická hospodárnosť v centre
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- šetrne umiestnené v prostredí
- chrániace a rozvíjajúce miestne biotopy
- z materiálov nezaťažujúcich životné prostredie, rešpektujúcich región a ich opätovné použitie
- úsporne zaobchádzajúce s energiami a s vodou
- ohľaduplne prevádzkované
- s kvalitným a zdravým vnútorným prostredím
- produkujúce minimálne odpady a emisie



Kde hľadať zelené budovy?

<http://www.gbci.org/main-nav/building-certification/registered-project-list.aspx>



www.gbci.org/main-nav/building-certification/registered-project-list.aspx

Navrhované lokality Mac Dev Cen... Developer Apple iCloud Facebook Twitter Wikipedia Yahoo! Správy Populárne

GBCI™

The Green Building Certification Institute (GBCI) recognizes excellence in green building practice and performance globally through its third-party certification services and professional credentials supporting market transformation.

PROFESSIONAL EXAMS

CREDENTIAL MAINTENANCE

BUILDING CERTIFICATION

LEED Certification

Certification Guide

LEED Online

Fees

Resources & FAQs

LEED Project Directory

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[Certified Project Directory](#) | [Registered Project Directory](#)

NEW! LEED 2009 projects are now available on the registered project Directory.

To learn more about project registration and LEED certification, [click here](#).

Don't see your project? Certified projects are viewable on our directory only with the consent of each project's primary contact person. For LEED Online v3 projects, please have the project administrator update the project confidentiality information in LEED Online at LEEDOnline.com. For LEED Online v2 projects have the project administrator submit a request by visiting [here](#).

Note for LEED Online v3 projects- project details are currently unavailable, though this feature will be added soon.

[Export to Excel](#)

Drag a column header and drop it here to group by that column

Project Name	City	State	Country	LEED System	Owner Organization	Detail
Administration Building SO:09	Bratislava	01	SK	LEED-CS v2009	IMMOCAP	
Business Center Bratislava BBC1 plus	Bratislava	01	SK	LEED-CS v2009	CA IMMO AG	
Central Master Site	Bratislava	01	SK	LEED-CS v2009	E-Dome S.r.o.	
Central Shopping SO:02	Bratislava	01	SK	LEED-CS v2009	IMMOCAP	
Culenova Office Tower 1	Bratislava	01	SK	LEED-CS v2009	PENTA INVESTMENTS LIMITED	
EcoPoint Kosice	Kosice III	04	SK	LEED-CS v2009	Bischoff & COMPAGNONS	
MC Stadion	Zilina		SK	LEED CS 2.0		Detail
Office Tower SO:03	Bratislava	01	SK	LEED-CS v2009	IMMOCAP	

Go to page: < 1 > | Displaying page 1 of 1, projects 1 to 8 of 8.

Kde hľadať zelené budovy?



[http://www.greenbooklive.com/
search/scheme.jsp?id=202](http://www.greenbooklive.com/search/scheme.jsp?id=202)

The screenshot shows the GreenBookLive website interface. At the top, the URL is www.greenbooklive.com/search/scheme.jsp?id=202. The page title is "BREEAM: BREEAM Europe Commercial". A breadcrumb trail indicates the user is here: Home » Schemes » BREEAM » BREEAM Certified Buildings.

Schemes

- BREEAM
- BREEAM APs
- BREEAM & CSH
- Assessors/Auditors
- BREEAM Certified Buildings**
- Glossary of Terms
- BREEAM Recognised Software
- Carbon Footprinting Assessors
- Energy Assessors
- Environmental Profiles
- ISO 14001
- Microgeneration Products and Installers
- Responsible Sourcing of Construction Products
- SMARTWaste Plan
- Search all GBL

BREEAM Certified Buildings

BREEAM®

This section of GreenBookLive provides a listing of the buildings that have been certified under BREEAM 2008 onwards - excepting a small number of buildings which cannot be listed for client confidentiality reasons. It also includes buildings certified by National Scheme Operators under BREEAM affiliated schemes.

The information provided includes: the building/development name; the BREEAM scheme and version; the names of various members of the project team; the status of the certification (whether interim or final, or if BREEAM In-Use the valid until date). It includes a listing for all schemes and buildings both in the UK and internationally.

You can search the list of BREEAM certified buildings below (note this is only for BREEAM 2008 schemes onwards) or click the link below to view these buildings on a Google map. A building must have a valid postcode to appear on this map.

[View BREEAM certificated buildings \(2008 schemes onwards\) plotted on a map](#)

See our helpful [Glossary of Terms](#) for the BREEAM certified buildings search.

Quick search **Refined search**

Search BREEAM Certified Buildings

You can also narrow the search by using the search box below. To obtain a full list leave the fields empty and click 'Search'.

Building/Asset Name

Scheme

Country

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Členská základňa SKGBC



ABB



BISCHOFF & COMPAGNONS



DNA



EHBstav



ROCKWOOL

RUUKKI



SaveEnergy



SCHÜCO

SIEMENS



SKANSKA



techo



VAV invest, s.r.o.
obchodno - investičná spoločnosť



VELUX



ZUMTOBEL



Ďakujem za pozornosť



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