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PŘEDSTAVENÍ ŽIVOTA FIRMY

MY JSME CEVRE


SPARKASSE



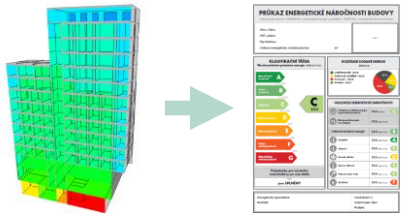





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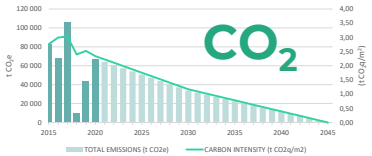
NAŠE PRÁCE

ABOUT US



ENERGY PERFORMANCE

- Nearly Zero Energy Buildings
- renawable energy sources, subsidies



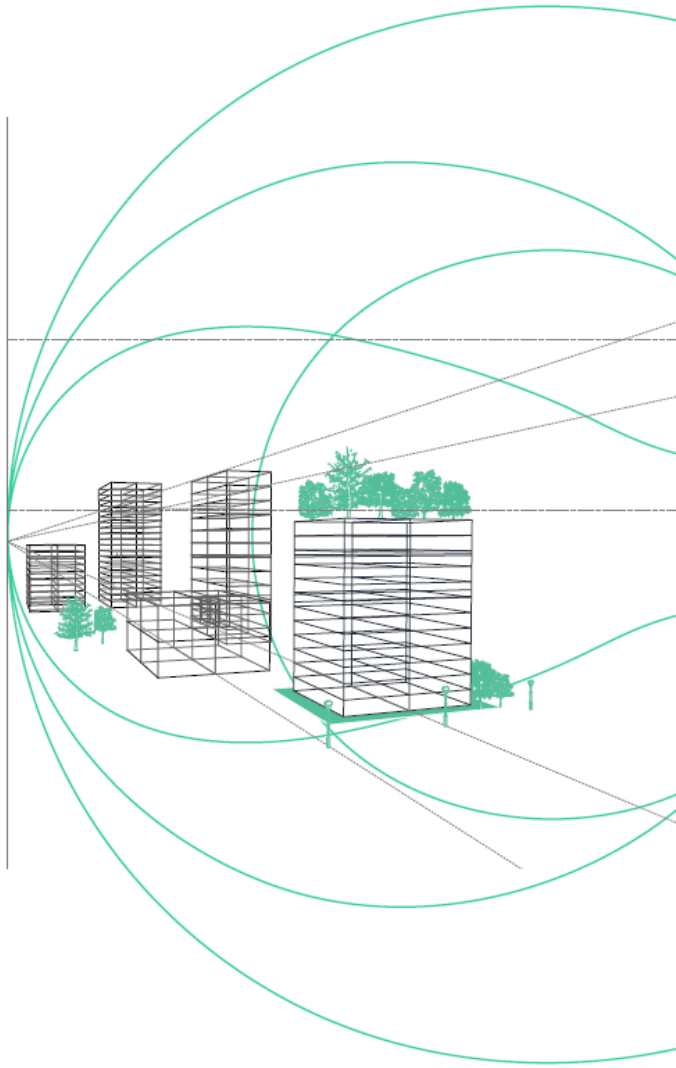
CARBON NEUTRALITY

- LCA analysis
- company carbon footprints

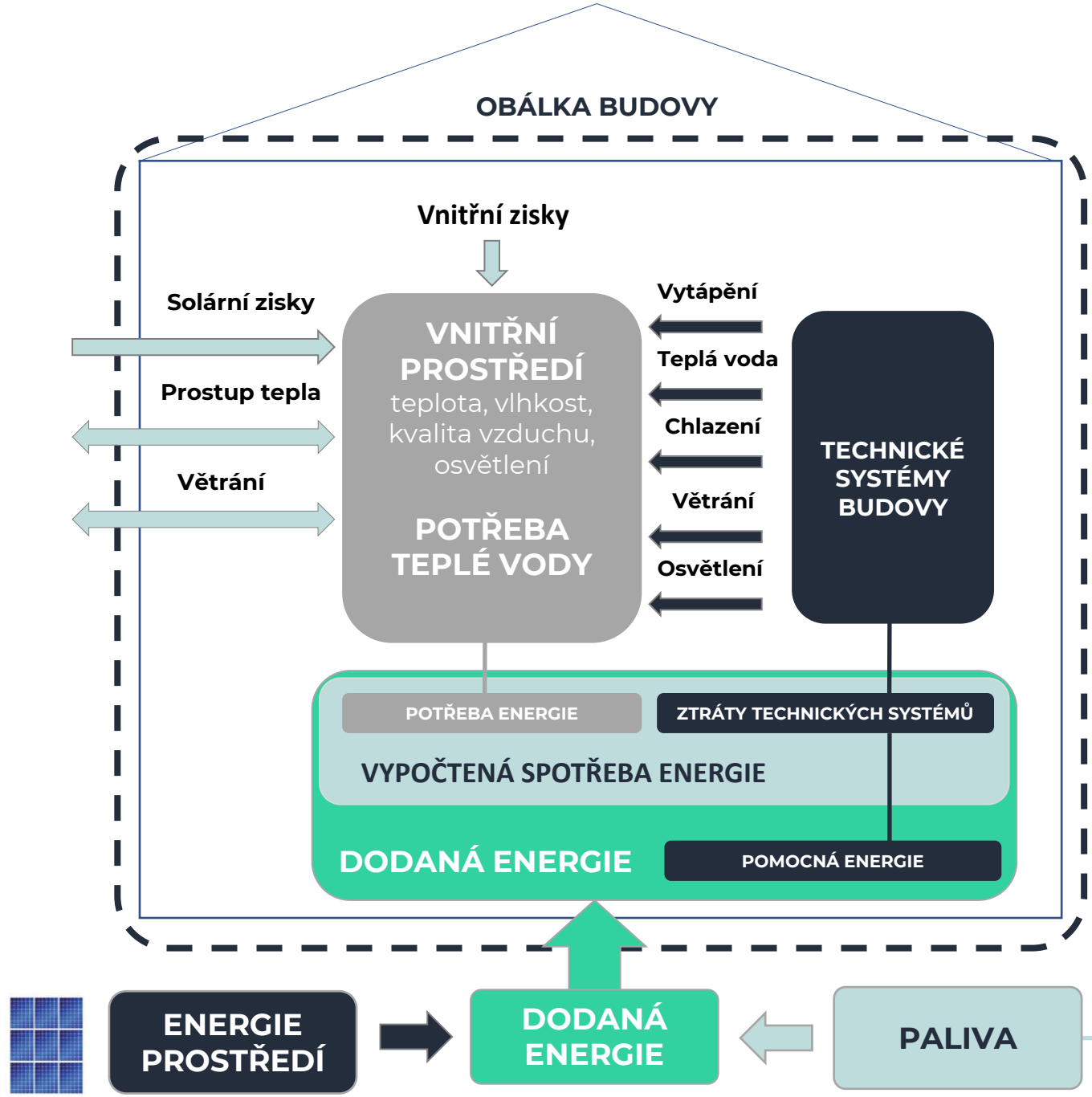
BREEAM®

SUSTAINABILITY

- 100+ certified buildings
- portfolio sustainability management



PRINCIP VÝPOČTU ENERGETICKÉ NÁROČNOSTI BUDOVY



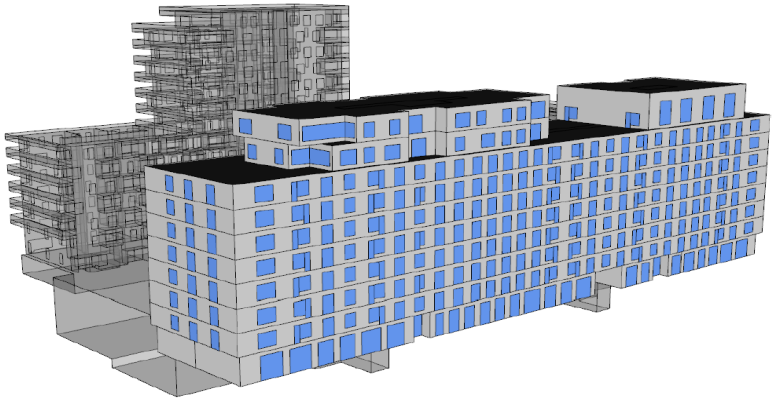


Zdroj energie

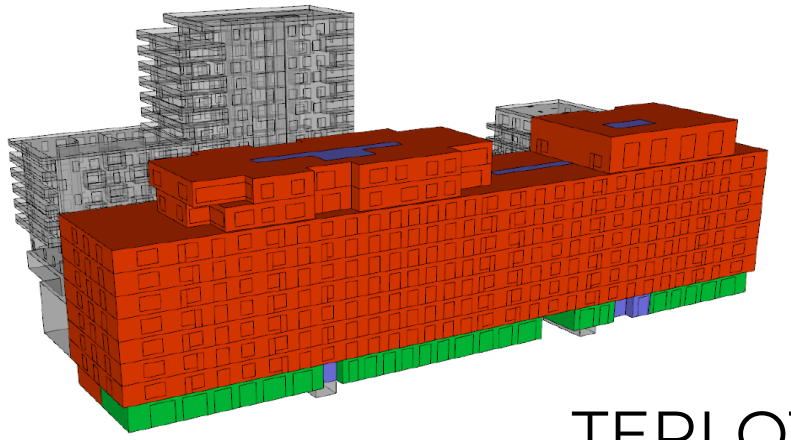
Primární energie

- Neobnovitelné zdroje energie
- Obnovitelné zdroje energie

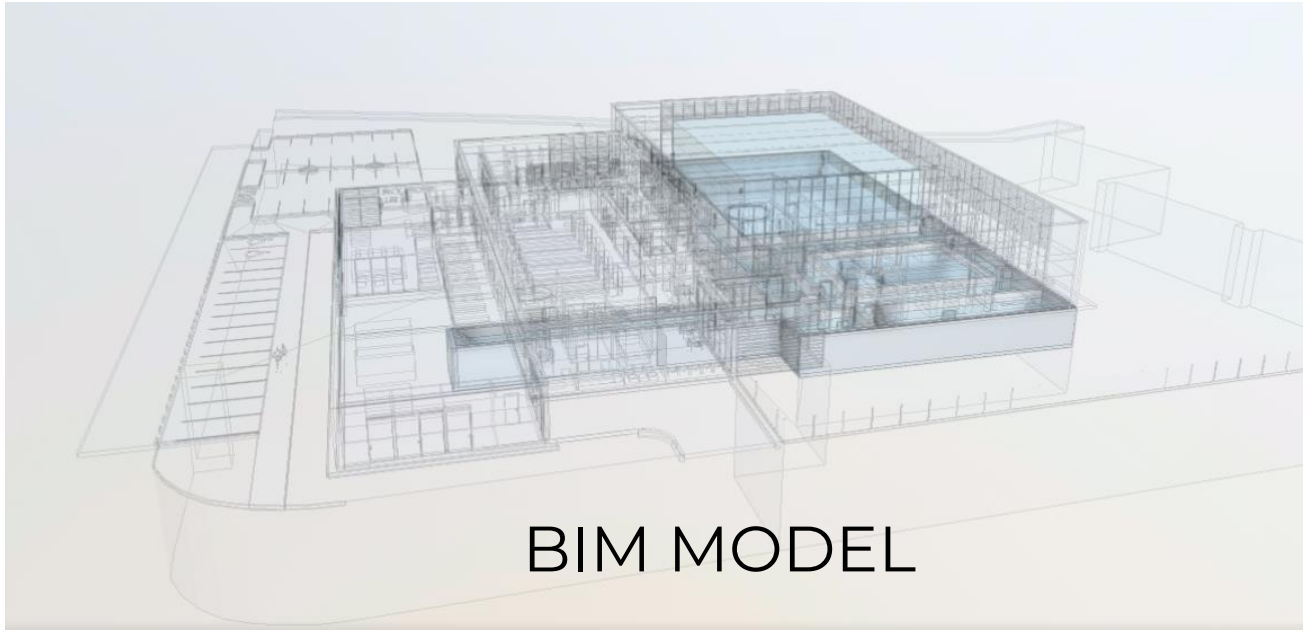
GEOMETRICKÝ MODEL



OBÁLKA =
HODNOCENÉ
KONSTRUKCE



TEPLOTNÍ
ZÓNOVÁNÍ

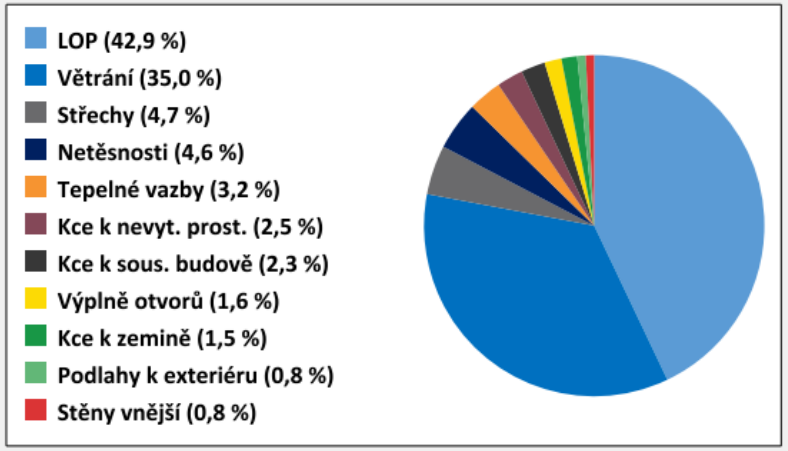


BIM MODEL

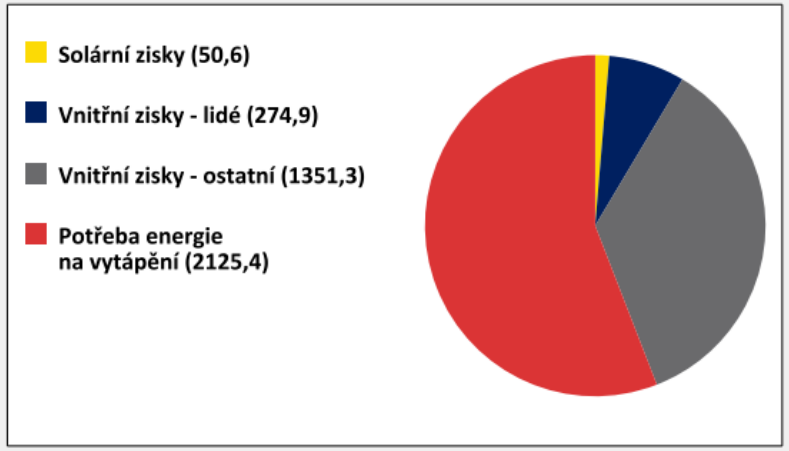
ENERGETICKÉ BILANCE

POTŘEBA ENERGIE NA VYTÁPĚNÍ	MWh/rok	2125,408	kWh/m^2.rok	46

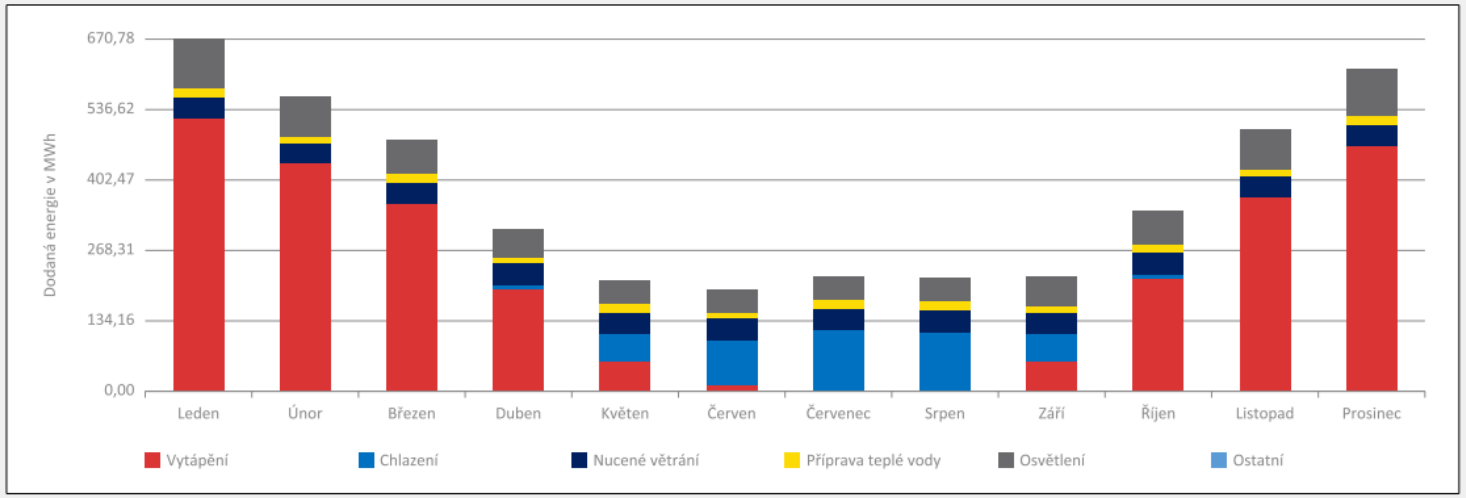
Bilance ztrát energie (%)



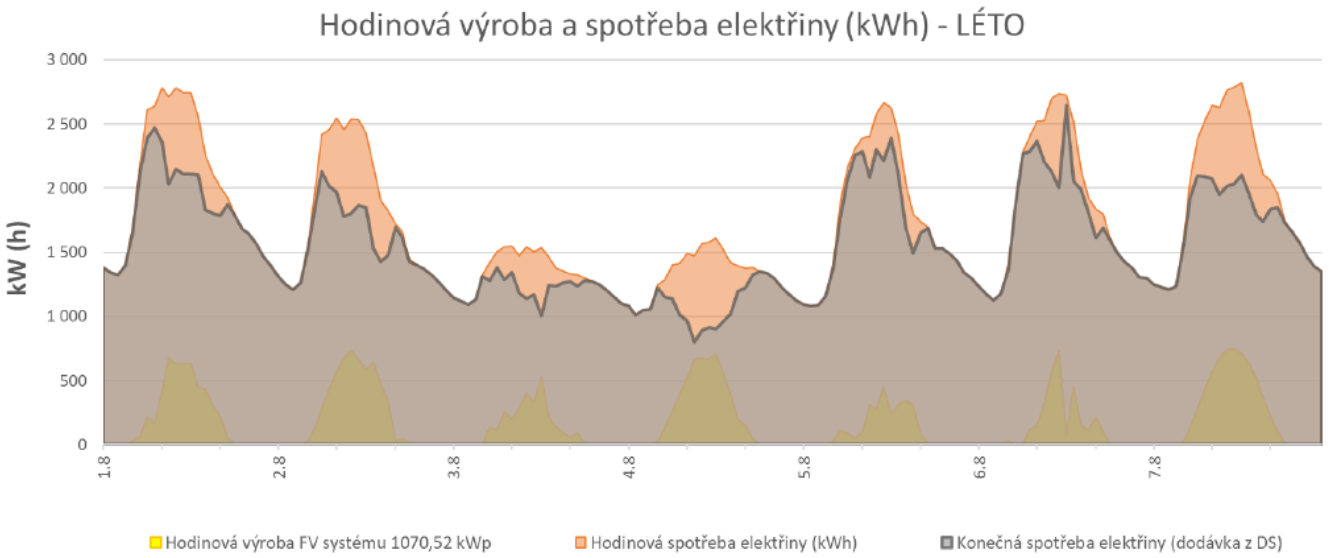
Bilance potřeby energie na vytápění (MWh/rok)

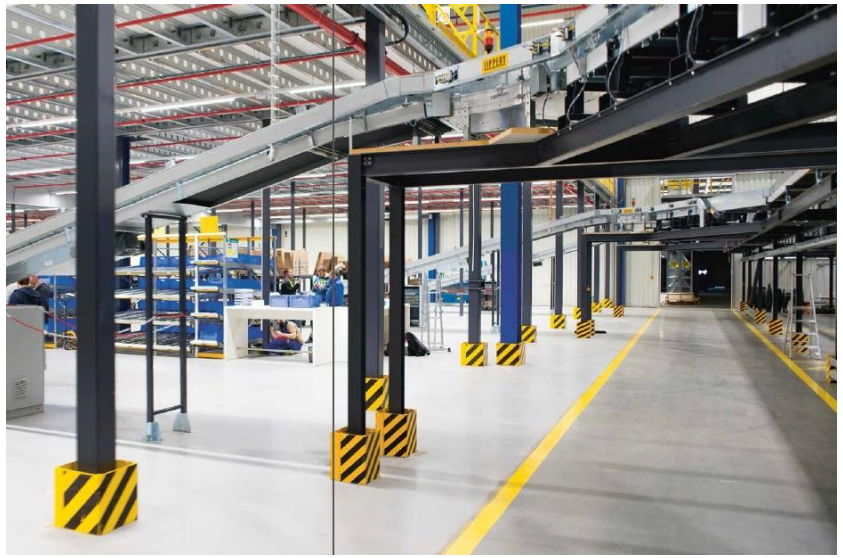


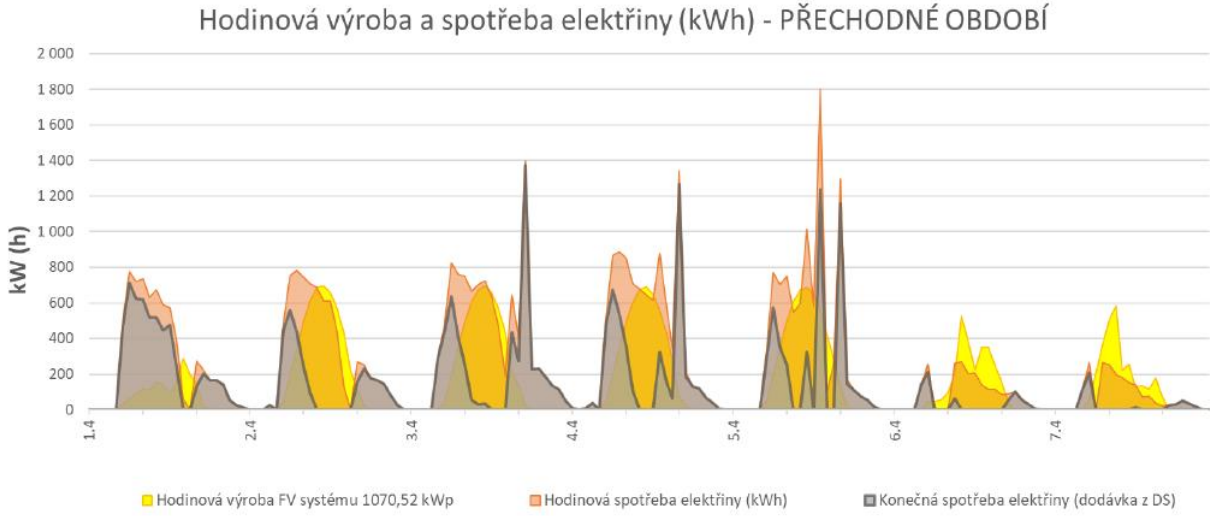
Roční průběh dodané energie dle účelů spotřeby



ENERGETICKÉ ANALÝZY

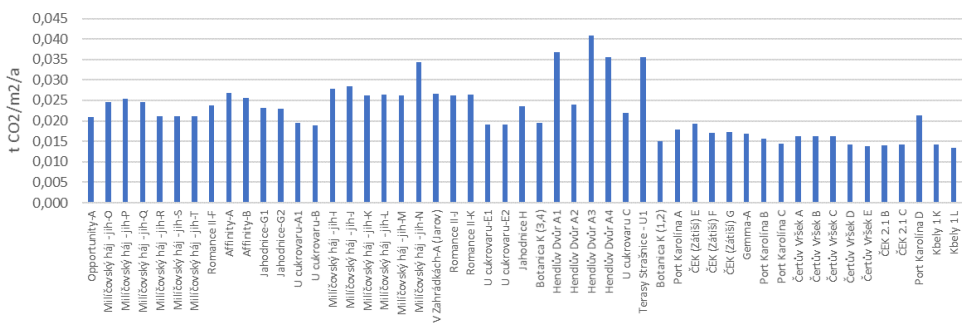






VLASTNÍ VÝVOJ SOFTWARE

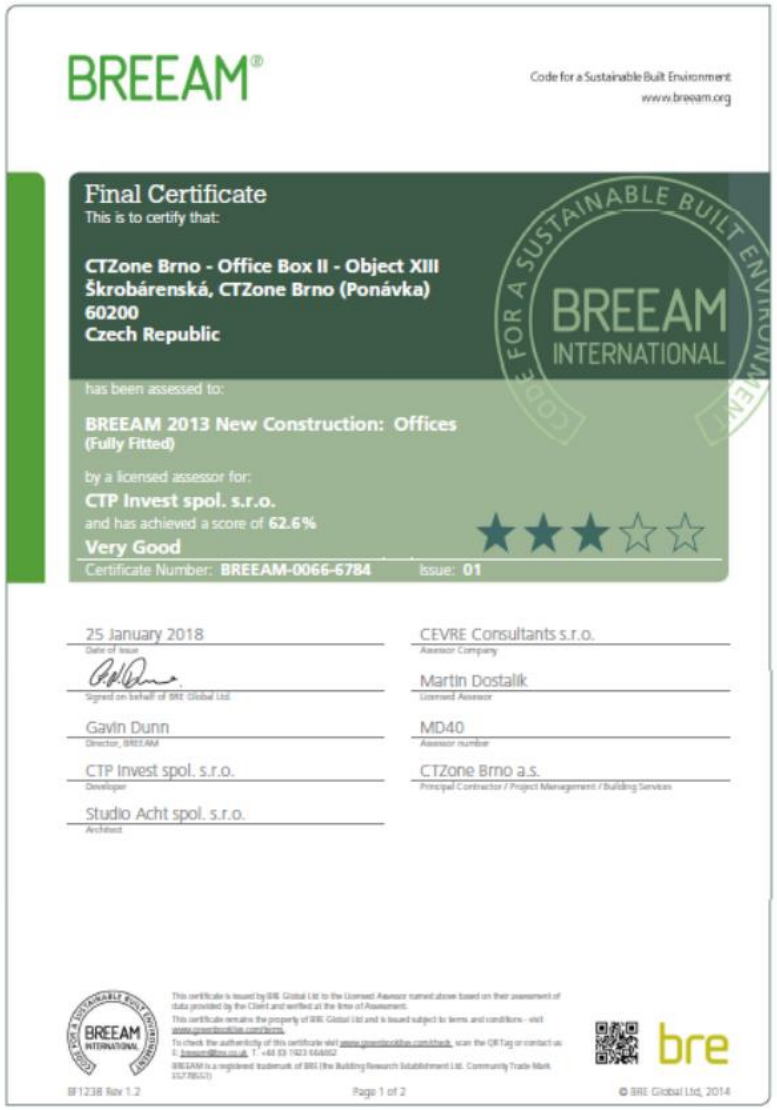
BUILDING ID	BUILDING ID		BASIC BUILDING INFORMATION					LIFE-CYCLE STAGES									ENERGY EMISSIONS		INPUT FROM ENERGY PERFORMANCE CERTIFICATE (PENB)							SPECIFIC VALUES FROM ENERGY PERFORMANCE CERTIFICATE (PENB)	
		Project / building	Occupancy permit	Net floor area - flats (from CRM)	Conditioned area (Ac from PENB)	Revenue	Flats No.	Material emissions (LCA A1-A3)	Construction emissions (LCA A4-A5)	Use, maintainance, repair emissions (LCA B1-B3)	Replacement and refurbish. emissions (LCA B4-B5)	Replacement and refurbish. emissions (LCA B4-B5)	Operational energy cons. emissions per X years (LCA B6)	Operational water cons. emissions per X years (LCA B6)	Deconstruction emissions (LCA C)	Reuse, recovery, recycle emissions (LCA D)	Energy consumption emissions per year	Energy consumption emissions per year per Ac	EPC version (vyhláška č...)	Heating	Cooling	Ventilation	Humidity control	Hot water	Lighting	Delivered energy	Primary energy (non-renewable)
			date	m²	m²	mil. CZK	pcs	t CO2	t CO2	t CO2	t CO2	t CO2	t CO2	t CO2	t CO2	t CO2	t CO2/a	t CO2/m2/a	148/78/264	MWh/a	MWh/a	MWh/a	MWh/a	MWh/a	MWh/a	kWh/(m2.a)	kWh/(m2.a)
1	Opportunity-A		12.03.2015	3 584	4 128		52						4 315				86	0,021	148	157		13		95	47	76	
2	Miličovský háj - jih-O		01.06.2015	2 421	3 227		39						3 962				79	0,025	78	160,96		6,69		114,5	29,57	97	120
3	Miličovský háj - jih-P		01.06.2015	1 637	2 165		28						2 749				55	0,025	78	116		5		75,51	19,65	100	124
4	Miličovský háj - jih-Q		01.06.2015	2 433	3 227		39						3 962				79	0,025	78	160,96		6,69		114,5	29,57	97	120
5	Miličovský háj - jih-R		01.06.2015	694	974		9						1 027				21	0,021	78	37,15		2,59		29,96	8,6	80	105
6	Miličovský háj - jih-S		01.06.2015	694	974		9						1 027				21	0,021	78	37,15		2,59		29,96	8,6	80	105
7	Miličovský háj - jih-T		01.06.2015	694	974		9						1 027				21	0,021	78	37,15		2,59		29,96	8,6	80	105
8	Romance II-F		21.09.2015	3 269	4 579		57						5 421				108	0,024	78	188		10		222	41	101	134
9	Affinity-A		26.10.2015	2 467	3 246		32						4 337				87	0,027	78	145		9		149	35	104	131
10	Affinity-B		26.10.2015	2 323	3 225		32						4 117				82	0,026	78	131		9		147	33	99	126
11	Jahodnice-G1		25.11.2015	1 138	1 533		19						1 780				36	0,023	78	57		3		68	17	94	122
12	Jahodnice-G2		25.11.2015	1 136	1 533		18						1 761				35	0,023	78	57		3		66	17	93	121
13	U cukrovaru-A1		30.06.2015	2 126	5 672		40						5 526				111	0,019	78	190		7		232	51	85	111
	U cukrovaru-A2		30.06.2015	1 971			32						0				0										
14	U cukrovaru-B		30.06.2015	3 404	4 586		53						4 328				87	0,019	78	149		6		179	42	82	107
15	Miličovský háj - jih-I		25.07.2016	1 975	2 602		31						3 621				72	0,028	78	120		5		95	44	102	140
16	Miličovský háj - jih-J		25.07.2016	1 648	2 163		27						3 075				61	0,028	78	100		4		83	37	104	143
17	Miličovský háj - jih-K		25.07.2016	898	1 245		11						1 632				33	0,026	78	43		2		44	24	91	135
18	Miličovský háj - jih-L		25.07.2016	891	1 245		13						1 647				33	0,026	78	43		2		46	24	92	136
19	Miličovský háj - jih-M		25.07.2016	1 666	2 173		27						2 858				57	0,026	78	90		5		78	35	95	133
20	Miličovský háj - jih-N		25.07.2016	694	974		9						1 670				33	0,034	78	72		0		33	20	129	171
21	V Zahrádkách-A (Jarov)		17.10.2016	7 060	9 461		35						12 600				252	0,027	78	510		86		329	44	102	70
	V Zahrádkách-B (Jarov)		17.10.2016				35						0				0										
	V Zahrádkách-C (Jarov)		17.10.2016				37						0				0										
22	Romance II-J		14.11.2016	2 302	3 203		40						4 211				84	0,026	78	174		8		130	37	109	149
23	Romance II-K		14.11.2016	1 921	2 667		33						3 515				70	0,026	78	145		6		107	32	109	149
24	U cukrovaru-E1		29.03.2016	1 915	2 615		24						2 486				50	0,019	78	89		3		105	24	84	140
25	U cukrovaru-E2		29.03.2016	1 915	2 615		24						2 486				50	0,019	78	89		3		105	24	84	140
26	Jahodnice H		03.04.2017	7 354	10 090		111						11 843				237	0,023	78	320		37		363	88	80	105
27	Botanica K (3,4)		25.09.2017	6 553	8 466		101						8 246				165	0,019	78	438		3		266	87	94	112
28	Hendlův Dvůr A1		02.10.2017		365								672				13	0,037	78	28		1		18	8	149	214
29	Hendlův Dvůr A2		02.10.2017	2 677	2 584		33						3 106				62	0,024	78	71		2		93	59	87	142
30	Hendlův Dvůr A3		02.10.2017		776								1 584				32	0,041	78	91		1		33	13	176	233
31	Hendlův Dvůr A4		02.10.2017		304								541				11	0,036	78	22		1		15	6	144	207
32	U cukrovaru C		01.07.2017	8 477	11 787		121						12 968				259	0,023	78	435		34		359	180	85	179
33	Terasy Strašnice - U1		15.12.2017	2 303	13 217		34						23 468				469	0,0									
	Terasy Strašnice - U2		15.12.2017	2 841			38						0				0										
	Terasy Strašnice - U3		15.12.2017	2 627			37						0				0										
	Terasy Strašnice - U4		15.12.2017	1 040			15						0				0										
	Terasy Strašnice - U5		15.12.2017	1 130			15						0				0										
34	Botanica K (1,2)		09.06.2018	4 179	6 107		66	2 813					4 563				91	0,0									
35	Port Karolina A		25.02.2019	10 266	14 923		153						13 327				267	0,0									
36	ČEK (Zátiší) E		01.12.2019	2 423	3 305		44						3 204				64	0,0									
	ČEK (Zátiší) F		01.12.2019	2 450	3 326		44						2 850				57	0,0									
	ČEK (Zátiší) G		01.12.2019	2 382	3 253		44						2 806				56	0,0									



HODNOCENÉ KATEGORIE – ENVIRONMENTÁLNÍ CERTIFIKACE



BREEAM V DETAILU



BREEAM®

Code for a Sustainable Built Environment
www.breeam.org

Final Certificate
This is to certify that:

CTZone Brno - Office Box II - Object XIII
Škrobárenská, CTZone Brno (Ponávka)
60200
Czech Republic

has been assessed to:

BREEAM 2013 New Construction: Offices
(Fully Fitted)

by a licensed assessor for:

CTP Invest spol. s.r.o.

and has achieved a score of **62.6%**

Very Good

Certificate Number: **BREEAM-0066-6784** Issue: **01**

25 January 2018 (Date of Issue)	CEVRE Consultants s.r.o. (Assessor Company)
Signed on behalf of BRE Global Ltd	Martin Dostalik (Licensed Assessor)
Gavin Dunn (Director, BREEAM)	MD40 (Assessor number)
CTP Invest spol. s.r.o. (Developer)	CTZone Brno a.s. (Principal Contractor / Project Management / Building Services)
Studio Acht spol. s.r.o. (Architect)	

This certificate is issued by BRE Global Ltd to the Licensed Assessor named above based on their assessment of data provided by the Client and verified at the time of Assessment.
This certificate remains the property of BRE Global Ltd and is issued subject to terms and conditions - visit www.greenbooklive.com/terms.
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Code for a Sustainable Built Environment
www.breeam.com

BREEAM In-Use
The assessment of:

CTZone Brno - Office Box II - Object XIII
Škrobárenská, CTZone Brno
Brno
Czech Republic

has been carried out according to Technical Manual:

BREEAM In-Use International: 2015

by a Licensed Assessor for:

CTP Invest spol. s r.o.

Certificate Number: **BIU00002583-1.0** Issue: **1.0**

The assessment process is certified by BRE Global Limited in accordance with the requirements of Scheme Document SD123

Asset Performance: **72.9%**
Excellent

Building Management:
Not Assessed

Occupier Management:
Not Assessed

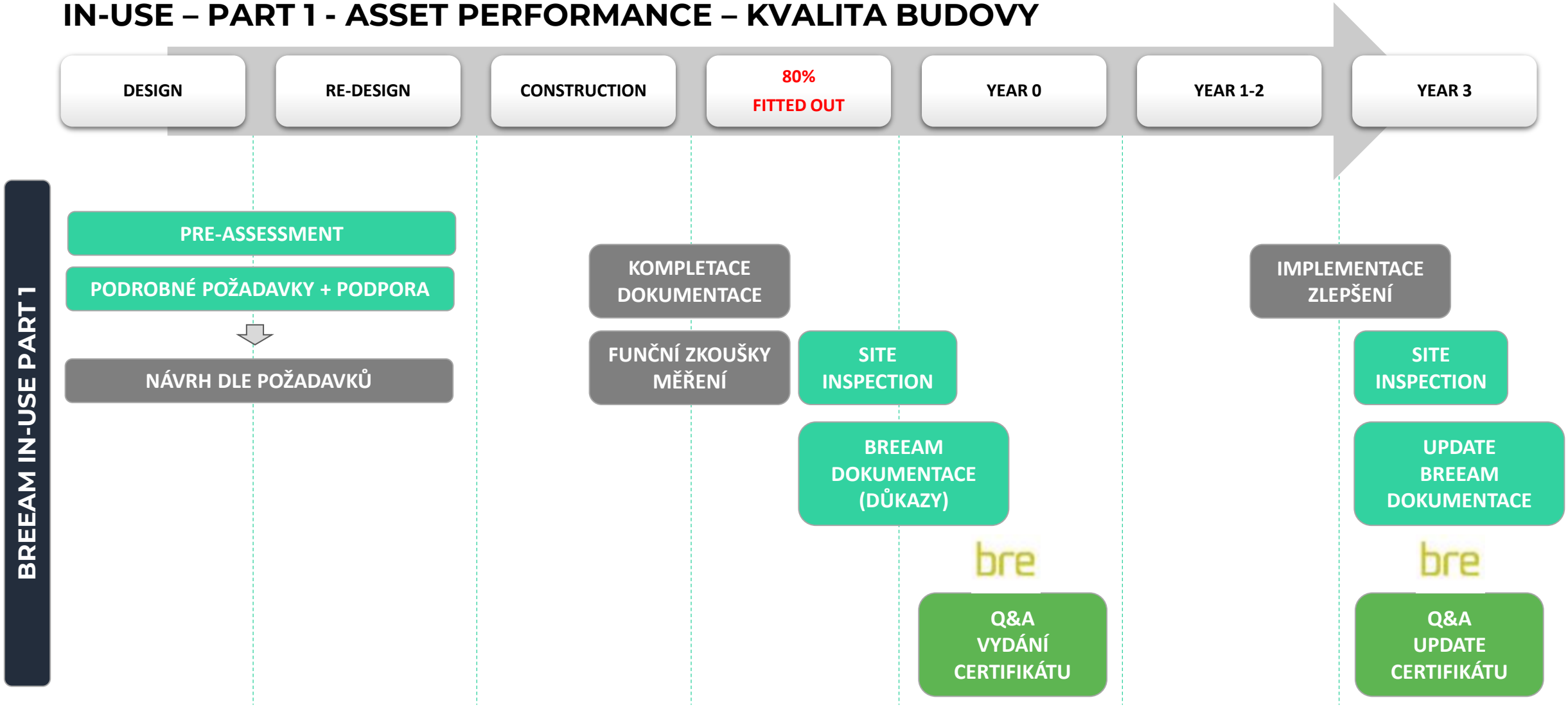
CEVRE Consultants s.r.o. (Licensed Assessor Company)	
Martin Dostalik (Assessor name)	
BAUD0705 (Assessor Number)	
Signed on behalf of BRE Global Ltd,	
Eirini Passia (Certification Manager, BREEAM)	
13 Mar 2018 (Date of Issue)	
13 Mar 2019 (Valid until)	

SD123 Cert. No.BIU00002583-1.0

BF1255 Rev 3.0 Page 1 of 2 © BRE Global Ltd, 2018

BREEAM IN-USE

IN-USE – PART 1 - ASSET PERFORMANCE – KVALITA BUDOVY

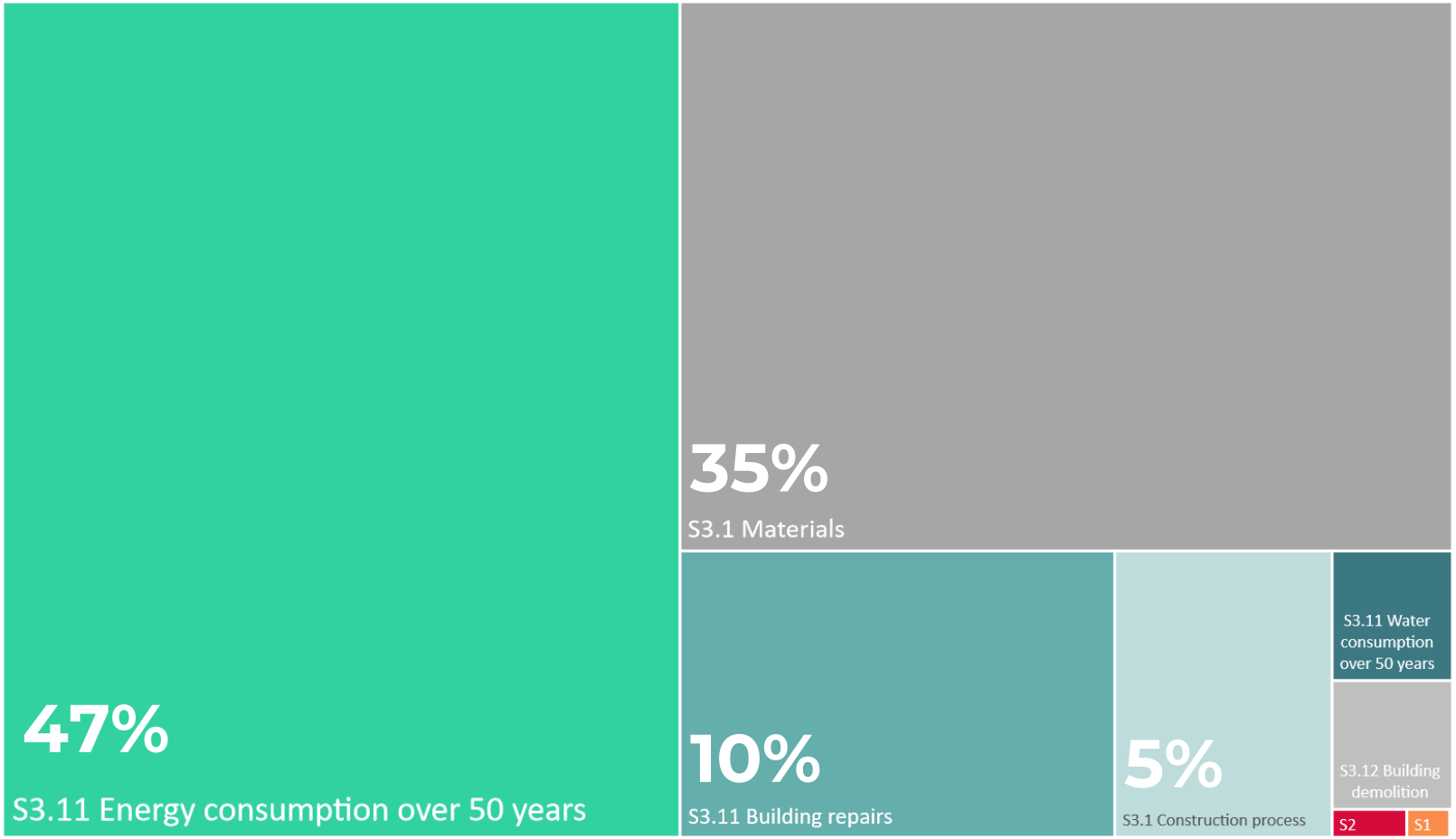


LIFE-CYCLE ASSESSMENT PROCESS



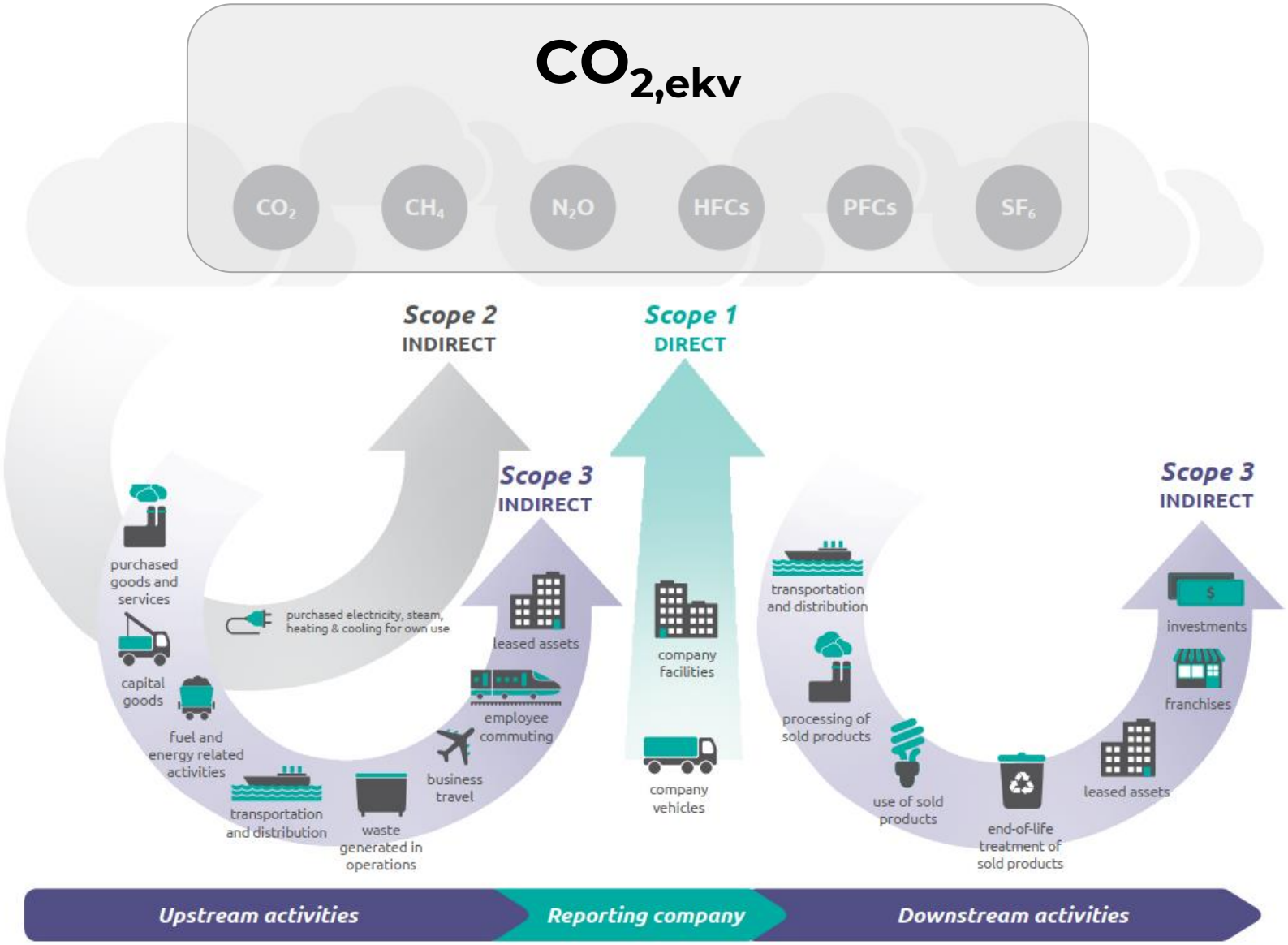
REÁLNÉ ROZLOŽENÍ UHLÍKOVÉ STOPY

S3 - PRODUKT – 99,7 %



S1+S2 ČINNOST SKANSKA REALITY 0,3%

HRANICE VÝPOČTU – GREEN HOUSE GAS PROTOCOL



NAŠE PROJEKTY



ATLETICKÁ HALA BRNO



PRŮMYSLOVÝ PARK JÖNKOPING, ŠVÉDSKO



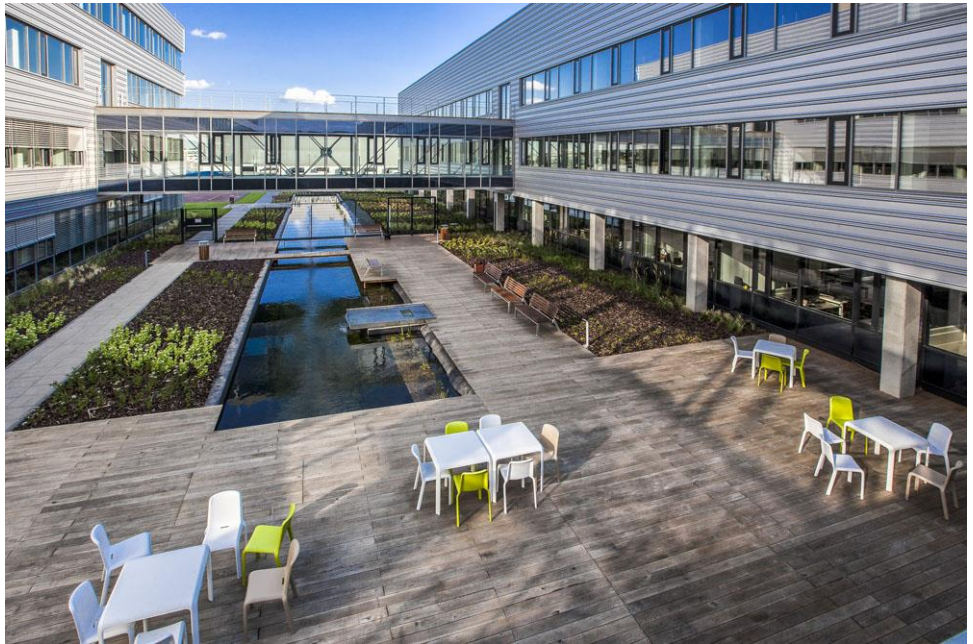


VLNĚNA BRNO




CTPark Brno


FEI





OBECNÍ ÚŘAD HLUCHOV





SPOLUPRÁCE

STRUKTURA ODMĚN

1. **ZÁKLADNÍ ODMĚNA**
   - ROZVOJ
   - OBCHOD
   - ZAKÁZKY
2. **VEDLEJŠÍ ODMĚNA**
   - DOVOLENÁ / SICKDAY
   - VZDĚLÁVÁNÍ
   - NEMOCENSKÁ
3. **MIMOŘÁDNÁ ODMĚNA**
   - KVARTÁLNÍ
   - ROČNÍ
4. **OSTATNÍ FINANČNÍ PŘÍSPĚVKY**
   - TELEFON - MĚSÍČNĚ
   - IT PŘÍSPĚVEK - JEDNORÁZOVĚ
   - DOTOVANÁ CENA SLUŽENÍHO AUTA PRO SOUKR. ÚČELY
   - KOMPENZACE NÁKLADŮ NA VZDĚLÁVÁNÍ
   - KOMPENZACE NÁKLADŮ NA ZKOUŠKY / AUTORIZACE
   - KOMPENZACE CESTOVNÍCH NÁKLADŮ
   - TEAMBUILDINGY – PŘÍSPĚVEK HORY APOD.
   - IT PODPORA

cevre
CONSULTANTS

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www.cevre.cz