	ľ
Cave Lighting	

No.	Date	Object	Country	Description
1	2007	Sveta Jama	Slovenia	2007 May - design and installation of a mobile lighting system based on LED lights.
2	2008	Badsegeberger Kalkberghöhle	Germany	2008, June - Installation and Programming lighting.
3	2008	Atta Höhle	Germany	2008 September - test equipment Cave Lighting. The first installation of floodlights QP.
4	2008	Herbstlabyrinth	Germany	2008 July - beginning of construction works (Only LED-light and FRP-constructions), Installation February 2009 – end of the works in the cave.
6	2009	Dechenhöhle	Germany	2009 October - Installation at Cave at "Cathedral". 2010 February. Installation of equipment in the next part of the cave.
7	2009	La Pierre-Saint-Martin	France	2009 July – Installation LED lamps LQP.
8	2009	Barbarossahöhle	Germany	2009 September – Installation underwater LED light.
9	2009	Hermannshöhle		2009, March - Installation LED Cave Lighting Equipment for White corridor.
10	2010	Grotte Clamouse	France	February 2010. Planning, Installation and Supervising. LED Lighting System.
11	2010	Postojnska jama	Slovenia	2010 February - Installation of LED Cave Lighting Equipment.
12	2010	La Grotte de Remouchamps	Belgium	March 2010.Planning and Installation LED lighting system in "Cathedral Hall".
13	2010	Wendelsteinhöhle	Germany	April 2010. Planning and Installation of electrical equipment in the cave.
14	2010	Kumistavi(Tskaltubo) cave	Georgia	March 2010 Preparation of the project documentation. Oct. 2010 Begin of the complete Installation of 1200m Show Cave
15	2010	Sontheimer Höhle	Germany	August 2010. Planning and Installation LED Lighting System.
16	2010	Pestera din Valea Fundata cave	Romania	October 2010. Planning, Installation and Programming LED Lighting System.
17	2011	Kumistavi(Tskaltubo) cave		Till April 2011 Complete Installation of 1200m Show Cave. Programming job for Sound-Light Show.
18	2011	Schaubergwerk Hochfeld	Austria	Project Planning 2010. Installation of equipment in April-May 2011.
19	2011	Kasematten Dillenburg	Germany	June 2011, Planning and Installation of equipment.
20	2011	Charlottenhöhle	Germany	August 2011, Planning and Installation of equipment in the cave.
21	2011	Underground Monastery Divnogorie	Russia	March 2011. Planning and Installation LED Lighting System.
22	2012	Höllgrotten Baar	Switzerland	Planning and Installation November 2011- February 2012
23	2012	Heinrichshöhle	Germany	Planning and Installation / Part Installation February 2012. Easy lighting system incl. implementation into existing switching control.

- INY

No.	Date	Object	Country	Description
24	2012	Mine / Grube "Hella Glück"	Germany	Planning and installation January 2012. Easy
25	2012	Sophienhöhle	Germany	lighting system. Planning and installation February – March 2012. Complicated system with island multimedia shows and Cave Lighting controls.
26	2012	Grotte de Han / Les Draperies	Belgium	Planning and installation of Cave Lighting system in the hall Draperies. Full controllable system with remote control. April – June 2012
27	2012	Postojnska Jama	Slovenia	Planning and test installation of Cave Lighting system in the gallery Lepa Jama. Full controllable system with button control. Full DMX programming. Mai 2012.
28	2012	Eisriesenwelt / Tunnel	Austria	Planning and installation of lighting equipment in the tunnel on the way to Eisriesenwelt cave. New lighting concept. June 2012.
29	2012	Scarisoara	Romania	Ice cave. Planning and installation of Cave Lighting system. Full controllable system with remote control. February 2012
30	2012	Farcu cave	Romania	Planning and installation of Cave Lighting system and FRP path way Full controllable system with remote control. June 2012.
31	2012	Teufelshöhle Steinau	Germany	Planning and installation.
32	2012	lberger Tropfsteinhöhle	Germany Bad Grund	Planning and installation. LED lighting system 24V. Complex lighting system: PWM and DMX full control. Special concept of guided tour. November – December 2012
33	2013	Schillat Höhle	Germany Hessisch Oldendorf	Planning and installation of LED lighting system 24V. Easy system with 3 main lighting zones and mechanical switching points. Because of low budget no control system. February 2013
34	2013	Kubacher Kristallhöhle	Germany Weilburg	Producing of material and lighting tests. Installation by the cave club with the help of Cave Lighting project specialists. December 2012 – march 2013
35	2013	Lamprechtsofen	Austria	Entrance area of cave. Installation of Power box, way lighting and artistic lighting. Mai – Juni 2013
36	2013	Eisriesenwelt / Entrance area	Austria	LED lighting for area in front of cave entrance. Special lighting for cave toilette and sitting room. 01.06.2013
37	2013	Höllgrotten	Switzerland	LED light and music show. "Feuerrot und Himmelblau". 150 years Höllgrotten cave. 01.04.2013
38	2013	ls Zuddas	Italy/ Sardinia	LED lighting in Salle delle Eccentriche. Pathway + main lighting system with separate circuits and analogue switching. 01.11.2013
39	2013	Punkevni Jeskyne	Czech republic	Complete planning and installation of LED lighting system in Masarikuv Dom. Dynamic lighting with different switching possibilities.
40	2014	Syrauer Drachenhöhle	Germany	Complete reconstruction of lighting system in the cave. December 2013– January 2014. New lighting system combined with FX network and magnetic switching.

No.	Date	Object	Country	Description
				Complete reconstruction of lighting system and pathways in the cave. New LED lighting system incl.
41	2014	Erdmannshöhle	Germany	dynamic light and light + music shows. FRP hand rails, stairs and bridges.
				February – April 2014
				Planning and Installation / Complete Installation.
42	2014	Heinrichshöhle	Germany	Easy lighting system incl. implementation into existing switching control.
				March 2014 New FRP construction. Stairs and pathway for the
43	2014	Veledahöhle	Germany	first 60 meters in how cave. Complete FRP – construction.
				May – July 2014
44	2014	Lamprechtsofen	Austria	2. Step of installation. Installation of Power box, way lighting and artistic lighting in the Stainer Hall.
				01.05.2014 Installation and programming of LED lighting
45	2014	Grotte di Villanova	Italy	system in the new touristic part. Using of new Cave Lighting control units and Cave Scenes software.
				April July 2014
46	2014	Lurgrotte Semriah	Austria	Planning and installation of LED lighting system in the biggest hall of cave: Großer Dom hall.
				May 2014 - today Step 1. Planning and installation of LED lighting
47	2014	Kluterthöhle	Germany	system include DMX show in the Back Part of the
				show cave. September – October 2014
				Complete renewal of lighting system in Dechen
48	2014	Dechenhöhle	Germany	cave. November 2014
				February 2015
				Complete reconstruction of lighting system in the cave.
49	2015	Belianska Jeskyne	Slovakia	FX Network, control system over network includes
				ModBus and Cave Lighting protocol. Collaboration with BBF company (SK) and SSJ team.
				February – May 2015 Second step. LED lighting system from Entrance
				Area till Vigneron (250 M). Lighting design, Installation of 24V equipment and supervising by
50	2015	Grotte de Han	Belgium	GermTec.
				230V system and control system by CE+T company (BE)
				February – May 2015 Planning, delivery and Installation include
51	2015	Cayman Crystal Cave	Cayman Island	supervising. Easy LED system with relay switching and partial Cave Lighting lighting control.
				and partial cave Lighting lighting control. May 2015 Video - July 2015 Installation - September 2015
52	2015	Allander Tropfsteinhöhle / Allander Cave	Austria	Includes: removing of old halogen lighting, installation full programmable Cave Lighting
				Tender preparation Tender – August 2015 Installed 379 LED Jamps and
53	2015	Bilsteinhöhle / Bilstein Cave	Germany	analogue Cave Lighting system.
53	2015	Bilsteinhöhle / Bilstein Cave	Germany	Tender – August 2015 Installed 379 LED lamps and

No.	Date	Object	Country	Description
				Tender preparation.
		Edelsteinmine Idar-Oberstein /		Tender – September 2015 Installation begin – December 2015. Project
54	2016	Gem mine Idar-Oberstein /	Germany	realized in March 2016. Installed complete
				controllable lighting system with multimedia
				elements
				Step 2. Vigneron to Trophee.
55	2016	Grotte de Han	Belgium	Documentation, design project. Realization – November 2015 till March 2016.
	2010	diotte de fian	Deigium	System includes dynamic light sections and
				ligh+sound show.
				Equipment delivered in December 2015. Installation
56	2016	Marble Mine Ruskeala	Russia	 July - August 2016. Installed two galleries and part of the big hall.
				The finishing of project postponed to 2017
				DMX controlled water way in the cave. Installed 300
57	2016	Prometheus cave	Georgia	meter of boat way, used for installation 30
			door.g.u	luminaries Exterior 100. Realized extra protection of
				fixtures and cables against flood in the cave. Illumination of the next part of the cave. Installed
58	2016	Kluterthöhle / Klutert cave.	Germany	about 400 M of the cave. More than 500 luminaries.
		Therapy Part.	,	Static light control and full light+music show.
				150 m long show cave in Swabian Alb. Complete
59	2016	Schertelshöhle / Schertel cave	Germany	lighting installation with 130 LED luminaries and
				analog controlling system. Team work with local caver club.
				Step 3 started at the middle of November and
				includes part of galleries in the cave and Great DOM
60	2016	Grotte de Han (Step 3)	Belgium	installation. Installed more than 650 luminaries, 25
		(Step 3)		control units and parts of FX network. PLC
				programming of network was also done.
				Planning February – March 2016. Installation river part of cave – December 2016 –
				March 2017.
	0045			Installation of river part of the show cave. About 700
61	2017	Grotte de Remouchamps	Belgium	meters of gallery. Installed 450 luminaries and
				analogue system.
				Also renewed 7 power boxes in the river part and
				made repairs of cables, destroyed by boats. Complete project. Planning works, engineering,
				preparing of documentation. Installation was done
62	2017	Sturmannshöhle / Sturman	Cormony	from October until December. Installed about 350
62	2017	Cave	Germany	luminaries, complete fiberoptic industrial network.
				Also dynamic light sequences and light + music
				show.
				Step 3. Installation of lighting and control systems in Therapy area and "Wolfschlucht". Upgrade of the
	2047	Kluterthöhle / Klutert Cave.	0	electrical and control system. Installing and
63	2017	Step 3.	Germany	programming of fibre optic network. Finishing of the
				complete cave installation. Project realized in
				September - December 2017. Water cave in south of Germany. Planning and
		Wimsener Höhle / Wimsen		Water cave in south of Germany. Planning and installation in March 2017. Part of installation was
64	2017	cave	Germany	done with help of cave divers on the bottom of cave
				river.

No.	Date	Object	Country	Description
				Big project. Planning of the lighting and electrical
65	2018	Rieseneishoehle / Huge Ice Cave (Dachstein)	Austria	system in 2017. Start of installation in February 2018. Cave is situated in high mountain, on the 1400 m o.s.l. Installation was done in the same time in two areas: dry part and ice part. At the beginning of the project temperature in the cave was between +3°C and -12°C. In the cave have been installed 700 Luminaries, 5 power cabinets, div. controllers and switching points. Cave Lighting programmed 7 light + music shows, fibre otic network control system. Special lightning protection system, SPD, was also installed in the cave.
66	2018	Grotte de Han (Step 4)	Belgium	Installed were following areas: - La Salle d'Armes - Embarcadere - Exit gallery - technical tunnel Also: Origin show implementation into the lighting system; Programming of control system in the cave; Programming of control system in the cave;
67	2018	Tschamberhöhle / Tschamber Cave	Germany	Installation of FRP construction in the cave. Repaires of trail. Cave length 600 meters.
68	2018	Heimkehle Cave	Germany	Planning and tender preparing for the light installation in the Heimkehle cave. Step 1. Light installation in the cave by Cave Lighting, electrical installation by EBA company.
69	2018	Coves de Sant Josep	Spain	Preparing of technical specification and concept for the project in Coves Sant Josep. Participation on tender. Start of realization in November 2018. Light installation in the cave, light + music show in the Bat hall. Underwater installation, supervision by the project. Teamwork with show cave team and In Location company.
70	2019	Coves de Sant Josep	Spain	Continue of the works in Coves Sant Josep. Finishing of the project until the end of February 2019. Still no switching in the cave, amount of lampenflora was increased. Also use of liquids for removal of flora is not recommended for this cave. Finally in April started excursions in the cave, cave got more popular by visitors.
71	2019	Grottes de Remouchamps	Belgium	Step 3. Installation in the dry gallery, last 500 meters of the cave. Installed 380 Luminaries, 5 power cabinets. Next should be done is programming of the lighting system and upgrade of main power cabinet.
72	2019	Grotte de Cornadore	France	Step 1. Planning and installation of lighting system. Zones 3 + 4 were isntalled and programmed. Also power cabinet delivered and mounted.
73	2019	Aven Marzal	France	Installation and programming of light + music show in biggest hall of Aven Marzal. 30 EQP luminaries with Cool - Neutral - Amber color temperatures were isnatlled. Show was programmed and integrated into available sound system.

No.	Date	Object	Country	Description
				Step 2. Installation of the second part of the cave
				until the Thuringia border. 4 power cabinets must to
74	2019	Heimkehle Cave	Germany	be delivered by Cave Lighting and installed by EBA.
				Control system is analogue in the cave, realized by
				bi-polar relais.
				Project was in May 2019 and finished in July 2019.
				400 Meters of show mine were completely equipped
	0040			by new lighting system. All old cables were removed
75	2019	BW Gleissinger Fels	Germany	from the mine, cable pipe was cleaned. New lighting
				system includes 201 LED luminary, 2 power cabinets, 4 control units and 3 push button
				controllers.
				Service and light installation in the cave, renewal
76	2019	Prometheus cave	Georgia	light and music show in the Prometheus hall. July-
10	2013	Trometticus cave	deorgia	September 2019
				Famous cave, used as a Buddhist sanctuary, with
				one big bats colony. Complete renewal of lighting
77	2019	Ya Thea Pyan Gu	Myanmar	system in the cave with LED luminaries. Complete
				removal of the old installation.
				September - October 2019
				Small cave, used as a Buddhist sanctuary, with one
				of the largest bats colonies in the country. Complete
78	2019	Saddan Sin Gu	Myanmar	lighting installation with LED luminaires. Teamwork
				with local workers. Octuber 2019
				Recent of the seve in Mey 2040. Programming of
70	0010	1120	Currie I and	Room of the cave in May 2019. Programming of
79	2019	Hölloch	Switzerland	different light and sound sequenses.
				Implementation of existing sound system into the
				October 2019 project was started. Target is to finish
80	2019	Natural Bridge Cavern	USA	complete installation in March 2020.
				Actual staus: running project
				December 2019 - January 2020. Planning and
81	2019	Show Mine "Neubulach"	Cormony	installation of lighting system, which includes
01	2019	Show Wine "Neubulach"	Germany	muitimedia units and areas. Special installation in
				Therapy Area with 4 different Light + Music shows.
_				December 2019 - March 2020. Design of the
82	2019	Quadisha Cave	Lebanon	system, preprogramming of equipment. Delivery
02	2019	Quadisha Cave	Lebanon	and support by Cave Lighting.
				Start of installation by local Speleo Club.
				February - April 2020. Preparing of technical
83	2020	Grube Gustav Show mine	Germany	specification. Design project and tender
00	2020	Grube Gustav Show mine	Germany	partcipation,. Installation of lighting system,
				electrical system and industrial network.
				October 2019 project was started. Complete
				installation was finished at the end of March 2020.
				Some additional works as reprograming ahs been
84	2020	Natural Bridge Cavern	USA	continued in summer 2020.
	2020	Natural Bruge Cavelli	034	In December 2020 parts of documentation was
				finished on side
				Actual staus: project is finished. Next phase is final
				documentationand debugging.
				After 6 years of waiting, last 350 meters of the new
				show caves part has been installed in July - August
85	2020	Grotte di Villanova	п	2020. Cave Ligting team worked in te cave together
0.0	2020			with local electrical company and was resposible for
				light installation, programming of sequenses and
		and the second		scenography of shows.

No.	Date	Object	Country	Description
				Cave Lighting won tender for the complete re-
				illumination of the show cave. Projetc was realized
				in the time between August and November 2020.
				New system includes PLC control over fibre optic
		Boumonn covo		network, dynamic light sequenses, light+music
86	2020	Baumann cave (Baumannshöhle)	Germany	show in Goethe Hall also new music cabinet was
		(Baumannshonie)		designed. Cave lighting team was responsible for
				complete project and implemented into the project
				local companies.
				For January 2021 planned implementation of cloud
				based remote access solution.
				Planning of installationand scenograhy for the
				"Lustre" hall at the end of the show cave.
				Installation was done in November 2020. It was alos
				necessary to adjust the planned instalation to
87	2020	Grotte de Limousis		customer wishes and extend the show area for
				additional 50 meters. Complete installation was not
				finished in 2020 and will be continued in January
				2021
				Planning and installation of the complete lighting
				system in the Grotte de Domme cave. Programming
88	2021	Grotte de Domme	France	of PLC network with remote access from Germany.
				Installation took 2 monthes, 2 power cabinets, 360
				Luminaries have been installed. For communication
				in the cave used WiFi communication with VoIP.
89	2021	Sturmannshöhle / Sturman	Germany	Upgrade of system, programming of new light show.
		Cave		January 2021
				Step 7 / 8. Upgrade of system. Changing of guiding
90	2021	Grotte de Han	Belgium	tour and trail. Implementation of motion conrol for
				sensible areas in the cave. January - February 2021.
				Project was started in March 2021. Installation of
				complicated lighting and multimedia system in slice
				mine together with few other companies. Part of
				installation was done in 2021, works have been
91	2021	Martelange Mine	Luxemburg	stopped because of worst static situation in mine.
				Special company has to clean mine and fix issues
				with static. After that works have to be continued.
				Finishing of the project planed at the moment for
				April 2022.
				Design and installation of lighting system in the part
				of Lurgrotte Peggau show cave. May - June 2021.
				Installed 300 meters of the show cave. Lighting
				system installed in the cave is "easy solution"
				without PLC network and control of electrical
92	2021		Austria	
92	2021	Lurgrotte Peggau	Austria	installation. In few zones in the cave realized
				dynamic szenarios, which upgradet the qualit yof
				visit. About 300 Luminaries installed in the cave
				within 2 months. Very importan was to make the
				system completely waterproof and protect against
				strong stream.
				Previous installation in Grotte de La Deveze went
				out of service and it was necessary to install new
93	2021	Grotte de la Deveze	France	lighting system in 3 zones of the cave. After short
				planning phase, Cave Lighting team provided De La
				Deveze cave with perfect lighting solution and helps
				to open cave for the high season.