



## Swedfan Referencelist

## Reference list ventilation design performed by Bo Stromsholm, Swedvent Technologies AB & fans delivered



Customer	Project	Country	Year	Delivered fan type	Qty
CMC/Vianini	Förbifart Stockholm, Lovön	SE	2017	AVH-R180.355 AVH-R180.200 AVH-R140.200	9
Right Tunnelling	High speed train	TH	2017	AVH-R90.90	3
Haerhe Entreprenor		NO	2017	AVH-R160.200	4
UT-Vega	Sarmiento	AR	2017	AVH-R90.75	1
Subterra	Förbifart Stockholm, Sättra Skärholmen	SE	2017	AVH-R180.315 AVH-R160.200	2 2
AF Gruppen	Smisto HEPP	NO	2016	AVH-R90.110	2
	Taizhou	CN	2016	AVH-R140.110	4
GS Const.	Sinrim-Bongchun Cont. 2	KR	2016	AVH-R125.132	1
Hanyou Const.	Mokdong Rain water Storage	KR	2016	AVH-R125.110	1
Samsung	Gupo-Duksan Railway	KR	2016	AVH-R125.110	1
Protect Construction	Malaysia	MY	2016	AVH-R90.45	2
CRCC B8	Qianzhangchang	CN	2016	AVH-R140.132	3
Odebrecht/Acciona	Metro Quito <b>TBM</b>	EQ	2016	AVH-R125.90	3
	Yanjiabao	CN	2016	AVH-R140.110	2
CREC B8	Xiuling	CN	2016	AVH-R125.75	5
CRTG B18	Hongxin Metro Chengdu	CN	2016	AVH-R140.132	9
	Jixi	CN	2016	AVH-R125.90	2

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HAI THACH GROUP	Cumong tunnel	VN	2016	AVH-R140.90	2
Ertan	Yangfanggou HEPP	CN	2016	AVH-R160.200 AVH-R160.160 AVH-R140.132	13
Prime Rental	Korea projects	KR	2016	AVH-R125.132 AVH-R160.200 AVH-R100.132 AVH-R160.160	16
CRCC B18	Yanjiabao	CN	2015	AVH-R140.110	2
CRTG B12	Hangqian tunnel	CN	2015	AVH-R125.90	4
CRTG B18	Qianzhangchang	CN	2015	AVH-R140.132	3



Customer	Project	Country	Year	Delivered fan type	Qty
Sino Hydro B8	Hangqian tunnel	CN	2015	AVH-R125.75	5
CRTG B18	Hangqian tunnel	CN	2015	AVH-R125.75	6
Samho	Ulsan Tunnel	KR	2015	AVH-R160.160	4
Dogus Insaat and Ticaret A.S.	Riyadh Metro <b>TBM</b>	SA	2015	AVH-R140.160	4
CGGC/ Sino Hydro	Baihetan	CN	2013-2014	AVH-R90.75 AVH-R140.132 AVH-R160.160 AVH-R180	110
Alfred Kuntz	Schwarzkopftunnel	DE	2014	AVH-R180.250	2
Cosapi/Maz Errazuriz	Quellaveco	PE	2014	AVH-R160.250	2
Odebrecht	Lauca, Angola	BR	2014	AVH-R180.250	4
Well Connected JV (McConnell Dowell/Obayashi/Fletcher)	Waterview	NZ	2013	AVH-R63.18 AVH-R125.55 AVH-R180.315	4
CGGC	Laos <b>TBM</b>	CN	2013	AVH-R90.75.2.8	6
CGGC	Qirehatar	CN	2013	AVH125.75.4.8	6
CCCC Ltd	Zhuhai-Macau-Hong Kong immersed tube tunnel	CN	2013	AVH160.250.4.10	2

Customer	Project	Country	Year	Delivered fan type	Qty
Jardine Engineering	Bangkok MRT	TH	2012	AVH90.55.2.8	3
Polymetal	Maskoy Mine	RU	2012	AVH180.500.4.10	2
Astaldi Gülermak JV	Metro Warsaw <b>TBM</b>	PL	2012	AVH90.90.2.8	4
Astaldi GyM JV	St Teresa HEPP	PE	2012	AVH125.132.4.8 AVH125.90.4.8	5 2
Veidekke		NO	2012	AVH160.200.4.10	1
Polymetal	Mine	RU	2012	AVH125.110.4.8	9
Gammon	WIL Hong Kong	HK	2012	AVH125.55.4.8	1
Pizzarotti Israel J.V.	Tel Aviv Railway	IL	2012	AVH160.160.4.10	4
Sino Hydro No. 14	Coca Codo Sinclair <b>TBM</b>	CN/EC	2012	AVH160.200.4.10	3
McConnel Dowell	Abu Dhabi	UAE	2012	AVH63.9.2.8	4
Istak HF	Finnmark, Norway	NO	2011	AVH125.75.4.8	1
Istak HF	Búðarhásl	IS	2011	AVH140.132.4.8	2
Minera Santa Lucia	Mines	PE	2011	AVH90.75.2.8	2
Ssangyong	Singapore Meto DTL-3 C- 921 <b>TBM</b>	SG	2011	AVH71.37.2.8	1
Kumtor	Kyrgyz open pit	KG	2011	AVH140.90.4.8	4
CGGC	Neelum Jhelum, Pakistan	CN	2011	AVH160.132.4.10 AVH125.132.4.8	6 2
Sino Hydro Bureau #10	Coca Codo Sinclair, Ecuador <b>TBM</b>	CN/EC	2011	AVH160.200.4.10	3
Odebrecht	Cambamba, Angola	BR	2011	AVH125.110.4.8	4
Fortune Construction	Hydro Power project	TW	2011	AVH90.75.2.8	2
Somincor	Mine	PT	2011	AVH90.110.2.8	2
Skanska	Oslo waste water tunnel	NO	2011	AVH71.37.2.8	1
NCC Construction	Vossevangen	NO	2011	AVH140.132.4.8	5
Costain Limited	ITT London Cable Replacement Tunnels	GB	2011	AVH71.37.2.8 AVH63.18.2.8	3 5



Customer	Project	Country	Year	Delivered fan type	Qty
Odebrecht	Caracas Metro Los Teques <b>TBM</b>	VE	2011	AVH90.90.2.8	6
Minera Santa Luisa	Mines	PE	2011	AVH90.90.2.8 AVH125.75.4.8	7 2
STEC	Singapore Metro DTL3-C920 <b>TBM</b>	SG	2011	AVH90.55.2.8	4
CRCC Bureau No. 18	Thuong Kon Kum HEPP	VN	2011	AVH125.75.4.8	4
Constuctora JME	Quitaracsa	PE	2011	AVH90.55.2.8	8
CRCC Bureau No. 18	Chongqing Metro 3	CN	2011	AVH90.55.2.8	2
Erchu Co. Ltd	Nan Lvliang	CN	2011	AVH180.200.4.10 AVH160.110.4.10	8 4
An Neng Construction Group	Huangdao Petrol Storage Caverns	CN	2011	AVH180.315.4.10 AVH140.132.4.8 AVH90.90.2.8	9 3 4
Gammon Nishimatsu	WIL 704 Hong Kong	HK	2011	AVH125.55.4.8	3
Istak	Búðarhásl	IS	2011	AVH140.132.4.8	2
OJC OLCON	Olenegorsky Mine	RU	2011	AVH224.315.6.12	1
Khuzhir Enterprise Ltd	Konevinskoe mine	RU	2011	AVH180.315.4.10	2
Sungbo	Injae Tunnel	KR	2010	AVH125.110.4.8	4
Polymetal Trading Ltd	Lunnoe Mine	RU	2010	AVH160.200.4.10	2
Polymetal Trading Ltd	Ducat Mine	RU	2010	AVH224.160.4.10	2
Shimizu J.V, Malaysia	Pahang Selangor <b>TBM</b>	MY	2010	AVH90.90.2.8	6
Rana Gruber	Mine	NO	2010	AVH63.15.2.8	10
AF Anlegg AS	Ringvei Vest Bergen	NO	2010	AVH180.315.4.10	3



Customer	Project	Country	Year	Delivered fan type	Qty
Constructora Norberto Odebrecht	El Tigre	AR	2010	AVH90.90.2.8	4
Gammon, Hong Kong	HATS 23	HK	2010	AVH90	11



Customer	Project	Country	Year	Delivered fan type	Qty
Constructora Norberto Odebrecht	Saneamiento de Bahia, Panama	PA	2010	AVH71.30.2.8	4
NCC Sweden	Norrströmstunneln, Stockholm	SE	2010	AVH125.90.4.8	8
VSK Mining	Gemerska Poloma	SK	2010	AVH140.4.8	1
Adval	Tunnel	BG	2010	AVH90.110.2.8	2
Skanska B.S.	Slovenia tunnel	SK	2010	AVH140.110.4.8	2
NCC Norway		NO	2010	AVH140.132.4.8	2
Sojitz Beralt	Minas Da Panasquirira	PT	2010	AVH63.16.2.8	3
Polymetal Trading Ltd	Goltsovoe mine	RU	2010	AVH160.132.4.10	2
Gränges Industries Australia	Mines	AU	2010	AVH90, AVH125, AVH140	8

Customer	Project	Country	Year	Delivered fan type	Qty
Härhe	Holsbru Kraftverk	NO	2010	AVH90.110.2.8	4
Gulfrock	Dubai	AE	2010	AVH125.110.4.8	2
CRTG	West Qingling Project <b>TBM</b>	CN	2010	AVH160.160.4.10	3
OJC OLCON	Olenegorsky Mine	RU	2010	AVH224.315.6.12	1
Odebrecht	Baixo Sabor	PT	2010	AVH90.110.2.8 AVH125.110.4.8	2 2
Geotechmin	Sofia Metro	BG	2010	AVH71.37.2.8	2
Polymetal Trading Ltd	Mayskoe Mine	RU	2010	AVH180.500.4.10	2



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Wayss & Freytag	KAT	DE	2010	AVH180.250.4.10	2
Construtora Odebrecht	Caracas Metro, Line 5 <b>TBM</b>	VE	2010	AVH90.75.2.8	2
Yertas Construction	Kandil Dam derivation	TR	2010	AVH125.55.4.8	10
Construtora Odebrecht	Caracas Metro, Los Teques <b>TBM</b>	VE	2010	AVH90.90.2.8	6
Kraftleveranser	Oldens Kraftverk	SE	2009	AVH71.30.2.8	4
Zhengbang, China	Neelum Jhelum C1	PK	2009	AVH125.132.4.8	4
Construtora Odebrecht, Brazil	Palomino HEPP	DO	2009	AVH125.90.4.8	7
CMC, Italy	Ingula HEPP	ZA	2009	AVH140.55.4.8	5
				AVH160.110.4.10	3
				AVH180.315.4.10	1
				AVH63.15.2.8	2



Customer	Project	Country	Year	Delivered fan type	Qty
BESAB	Bolmens Kraftverk	SE	2009	AVH63.25.2.8	2
McConnel Dowell	MTR Singapore <b>TBM</b>	SG	2009	AVH90.45.2.8	2
SELI, Italy	Kishanganga <b>TBM</b>	IT/IN	2009	AVH125.160.4.8	6
Bilfinger + Berger GmbH	Odenplan Centraltunneln	SE	2009	AVH160.200.4.10	3
AF Anlegg	T-Forbindelsen	NO	2009	AVH180.315.4.10	3
Geotechmin	Elatsite		2009	AVH90.55.2.8	1
Somincor	Mining fan	PT	2009	AVH90.110.2.8	1
				AVH90.55.2.8	2
				AVH90.75.2.8	2
OJSC "Apatit"	Rasvumchorrsky mine	RU	2009	AVH224.355.6.12	8





Customer	Project	Country	Year	Delivered fan type	Qty
Spilde	Kirkenes HEPP	NO	2009	AVH90.110.2.8	1
Haerhe Entr.	Toventunneln	NO	2009	AVH160.200.4.10	2
Cengiz-Ictas-Belen	Ankara-Istanbul High speed train	TR	2009	AVH125.110.4.8	2
Construtora Odebrecht	Baixo Sabor HEPP	PT	2009	AVM90.45.2.8	4
I.C.G Iran	Dasht e Sahab	IR	2009	AVH160.160 (Eexd)	3
CRTS	Yintao Railway tunnel <b>TBM</b>	CN	2009	AVH125.75	4
Marti	Bibra tunnel	CH	2009	AVH160.160	3
CGGC-CMEC	Neelum-Jheelum HEPP, Pakistan	CN/PK	2009	AVH160.132 AVH140.110 AVH125.90 AVH90.55	6 10 5 3
ILCI Construction	Mavi tunnel	TU	2009	AVH125.55.4.8 AVH90.110.2.8	4 2
Veidekke	Kjösnesfjorden	NO	2008	AVH90.110	4
	Skala Tunnel	DK	2008	AVH90.75	1
John Holland	Bluewater Sydney Desalination plant	AU	2008	AVH63.25	8
John Holland	Northern Sewerage Project Melbourne	AU	2008	AVH63.18	19
Schachtbau Nordhausen	Tunnel Müss	DE	2008	AVH160.110	2
Boliden Mineral AB	Garpenberg Mine	SE	2008	AVH90, AVH63	9
MT Höggaard Färöyar	Färöarna	DK	2008	AVH90.45	3
Constructora Odebrecht	HEPP Palomino <b>TBM</b>	DO	2008	AVH125.90	4
John Holland	NSP #2	AU	2008	AVH63.25	4
Changuinola CWJV	Changuinola HEPP	PA	2008	AVH125.132	3
Boliden Mineral	Garpenberg Mine	SE	2008	AVH180.400	2



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CMC di Ravenna	Gansu YinTao China <b>TBM</b>	CN	2008	AVH125.110	4
Birkeland A/S	Jössang Kraftverk	NO	2008	AVH125.110	2
Risa Rock A/S	Jössang Kraftverk	NO	2008	AVH140.110	3
Cogeis	Aosta	IT	2008	AVH90.55	2
SELI	Teheran <b>TBM</b>	IR	2008	AVH125.110	2
Skladgradnja	Croatia	HR	2008	AVH125.90	1
Ångpanneföreningen	Henriksdal	SE	2008	AVH125.45	1
Marti	Bibra Tunnel	CH	2008	AVH160.160	3
McConnel Dowell	Bogong Power Dev. Project	AU	2007	AVH90.90.2.8 AVH71.30.2.8	6
Bechtel Enka J.V	Albania Highway Project	AL	2007	AVH125.75.4.8	4
Rahzaz		IR	2007	AVH125.110.4.8	1
AF Anlegg	Highway Trondheim	NO	2007	AVH160.160.4.8	2
Veidekke Entreprenör A.S	Kjösnesfjorden Kraftverk	NO	2007	AVH125.110.4.8	4
John Holland	Gold Coast Desalination	AU	2007	AVH63.15.2.8	10
SELI S.p.A.	Jin Ping Project <b>TBM</b>	CN	2007	AVH180.400.4.10	4
Bergteamet	Mining project	SE	2007	AVH125.75.4.8	6



Customer	Project	Country	Year	Delivered fan type	Qty
Bilfinger Berger/Leighton	Brisbane Bypass tunnel	AU	2007	AVH180.315 AVH140.132	9 2
Somincor Mine		PT	2007	AVH90.45	6
Beton und Monierbau	Partille Spillvattentunnel, Goteborg	SE	2007	AVH90.45 AVH63.25	3 6
Thiess	Sydney City west cable tunnel	AU	2007	AVH63.22	2

Customer	Project	Country	Year	Delivered fan type	Qty
McConnel Dowell	Hobson Bay, New Zealand	NZ	2007	AVH90.45	3
SELI S.p.A.	Salonico, Greece <b>TBM</b>	GR	2008	AVH125.110.4.8	6
Odebrecht/Herrenknecht	Los Teques, Caracas <b>TBM</b>	VE	2007	AVH90.90.	8



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Geotechmin	Elatzite mine	BU	2007	AVH90.45	2
Rana Gruber	Mine	NO	2006	AVH90.110	1
SMZ Jelsava	Mine	SK	2007	AVH63.19	6
Sino Guizhou Jinfeng Mining Ltd	Mine	CN	2007	AVH90.90	1
Hochtief/Strabag/Zublin JV	H8 Jenbach	AT	2007	AVH140.110	1
Boliden Garpenberg	Mine	SE	2006	AVH 90.75/25.2.8	4
Posiva.Onkalo.	Tunnel	FI	2006	AVH 140.90.4.8	4
CMC Algeriet	Tunnel <b>TBM</b>	DZ	2006	AVH 90.37.8	2
Boliden Garpenberg	Mine	SE	2006	AVH 90.75/25.2.8	2
PT Antam	Mine	ID	2006	AVH 71.37.2.8	4
Veidekke	Bodö Tunnel	NO	2006	AVH90.110.2.8	1
Odebrecht	Olmos Transandino <b>TBM</b>	PE	2006	AVH125.90.4.8	3
JSC "Alsrosa"	Udachny mine	RU	2006	AVH125.110.4.8	3
PT Antam	Mine	ID	2006	AVH224.132.6.12	2
Härhe Entr.		NO	2006	AVH160.200.4.10	2
Somincor	Mine	PT	2006	AVH90.45.2.8	3
Gulfrock	Caverns	UAE	2006	AVH125.110.4.8	2
Wayss & Freytag	Henndorf	AT	2006	AVH140.90.4.8	1
Nordkalk Oy	Mine	FI	2006	AVH71.18.2.8	4
EPOS	Aljustrel	PT	2006	AVH125.110.4.8	2
Boliden Mineral	Garpenberg mine	SE	2006	AVH90.75.2.8	5
Skanska AB	Värtan	SE	2006	AVH125.90.4.8	2



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Boliden Mineral	Garpenberg Mine	SE	2006	AVH63.18.2.8	10
Cavet	Tunnel <b>TBM</b>	IT	2005	AVH 180.45.8.10	2
PT Antam	Mine	ID	2005	AVH160.132.4.10	1
PT Antam	Mine	ID	2005	AVH 140.110.4.8	1
PT Antam	Mine	ID	2005	AVH 71.25.2.8	8
Jelsava	Mine	SK	2005	AVH 63.16.3	2
Siderit	Mine	SK	2005	AVH 63.10.2/4.8	1
Boliden Garpenberg	Mine	SE	2005	AVH 90	2
Gharargah Sazandegi Khatam	Tunnel	IR	2005	AVH 140.110/27.2/4.8	2
PT Antam	Mine	ID	2005	AVH 71.37,2.8	1
Nishimatsu Construction Co.	Num Thuen 2 Project	LA	2005	AVH 90.90/30.2/4.8	2
Epos	Alqueva Loureiro-Alvito	PT	2005	AVH 90.90.2.8	6
Nothen Gateway	Tunnel	NZ	2005	AVH 125.75.8.4	3
	Tunnel	IR	2005	AVH125.110.4.8	2
	Tunnel	IR	2005	AVH90.90.2.8	3
Skanska (Botnia)	Tunnel	SE	2005	AVH 125.90/22.4/8.8	1
Saturn	Tunnel	DE	2005	AVH 90.75.2.8	2
Nishimatsu Construction Co.	NUM THUEN 2 PROJECT	LA	2005	AVH160.160.4.10	1
ZUR Constructoin	Tunnel	IL	2004	AVH125.12528.4/4.8	1
Vinavico	Tunnel	VN	2004	AVH125.55/14.4/8.8	6
Boliden Garpenberg	Mining	SE	2004	AVH180.250.4.10	2
Boliden Garpenberg	Mining	SE	2004	AVH90.75/25.2/4.8	2
OJSC "Olkon" (Olenegorsky)	Mining	RU	2005	AVH224.315.6.10	8
CMC Kunming	Tunnel <b>TBM</b>	CH	2004	AVH63.18.2.8	2

Customer	Project	Country	Year	Delivered fan type	Qty
Kruse Smidt	Tunnel	NO	2004	AVH 140.110.4.8	2
Gesom Madenlilik San	Mining	TR	2004	AVH63.11.2.8	4
ZUR Constructoin	Tunnel	IL	2004	AVH125.12528.4/4.8	1
ZUR Constructoin	Tunnel	IL	2004	AVH160.160.4.10	2
Conorzio Cavet	Tunnel <b>TBM</b>	IT	2004	AVH180.45.8.10	1
Condrill	Tunnel	IR	2004	AVH125.75/18.4/8.8	4
Nor al Mas. Dubai,	AER/TSFCShomal	IR	2003	AVH90.75/2/4.8	2
BM Holding	Ermenek HEPP	TR	2003	AVH125.90.4.8	2
BM Holding	Ermenek HEPP	TR	2003	AVH90.90.2.8	6
Boliden Garpenberg	Mine	SE	2003	AVH90.75/25.2/4.8	2
Mitsui Mining & Smelting Co.	Mine	PU	2003	AVH63.30.2.8	2
ZUR Constructoin	Tunnel	IL	2003	AVH125.110/27.4/4.8	1
Technovia	Madeira road tunnel	PT	2003	AVH 125.90/22.4/8.8	2
Schanghai tunnel	Singapore Metro <b>TBM</b>	SG	2003	AVH 90.55/14.2/4.8	2
U.T.E Bregua	Tunnel	ES	2003	AVH125.110.4.8	2
Minerstry of Energi	Tunnel	IR	2003	AVH 90.45/13.2/4.8	8
Minerstry of Energi	Tunnel	IR	2003	AVH 71.26/5.2/4.8	8
Peymab Co.	Ghomrud Conv. Tunnel	IR	2003	AVH 71.21,5/4,7.2/4.8	1
Peymab Co.	Ghomrud Conv. Tunnel	IR	2003	AVH 90.90/30.2/4.8	2
Peymab Co.	Ghomrud Conv. Tunnel	IR	2003	AHV 100.90/30.2/4.8	3
Thiess Hochtief JV	Paramatta	AU	2003	AVH 140.132.4.8	6
Keyhan Tabadol	Tunnel	IR	2003	AVH 90.105/33.2/4.8	4
Oden Enterprenad	Bottnia Banan	SE	2003	AVH 125/90/22.4/8.8	5
U.T.E. Solvay Cavosa-Ascan	Tunnel	ES	2003	AVH 100.110.4.8	2
CMC Kunming	Tunnel <b>TBM</b>	CH	2003	AVH 71.25.2.8	4
Persia	Exhibition	IR	2003	AVH90.75/25.2/4.8	1
Construtora Odebrecht	Caraccas Metro <b>TBM</b>	VE	2003	AVH100.75/25.2/4.8	2
Gammon-Skanska	Nam Wan tunnel	HK	2003	AVH160.160.4.10	4
Song Da	Hai Van Pass	VN	2002	AVH 63.11.2.8	2
Subterra	Perry Oaks Tunnel	GB	2002	AVH 71.18.2.8	6
Song Da No 10	Tunnel	VN	2002	AVH 63.9.2.8	2
Nishimatsu-Cementation-Skanska	CTRL 220 <b>TBM</b>	GB	2002	4AVH 125.110	2
Aneka Tambang	Mine	ID	2002	AVH 71.37.2.8	9
Penta Ocean	Singapore Metro <b>TBM</b>	SG	2002	AVH71.22.2.8	1
WH-STEC-NCC JV	Singapore Metro <b>TBM</b>	SG	2002	AVH90.75/25.2/4.8	2
JTMA Co	Water tunnel	IR	2002	2AVH90.45/.2/4.8	2
SOMINCOR	Mine	PT	2002	AVH90.90.2.8	2
Veidekke	Tunnel	NO	2002	AVH160.200.4.10	2
Semb Corp	Mandai Quarry (2)	SG	2002	AVH160.132.4.8	2
J/V Phil-Aarslef		SE	2002	AVH 125.90/22	1
Veidekke	Tunnel	NO	2001	AVH 90.75.2.8	1
Odebrecht	Caraccas Metro <b>TBM</b>	VE	2001	AVH 60.7.2.8	1
Semb Corp		SG	2001	AVH 160.132.4.8	2

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Bilfinger + Berger	Ping Lin <b>TBM</b>	TW	2001	AVH 180.200.4.10	3
Bilfinger + Berger	Ping Lin <b>TBM</b>	DE	2001	AVH 180.200.4.10	4
J. Murphy & Sons	London cable tunnel	GB	2001	AVH 90.45/11.2/4.8	12
J. Murphy & Sons	London cable tunnel	GB	2001	AVH 71.22/5.2/4.8	3
Skanska	Tunnel	SE	2001	AVH 90.75/22	4
Beralb		AL	2001	AVH 63.5.2.8	2
Semb Corp	Mandai Quarry	SG	2001	AVH 160.132.4.8	6
Semb Corp	Mandai Quarry	SG	2001	AVH 112.22.4.8	4
W&F, ECON CEH J/V	Singapore Metro <b>TBM</b>	SG	2000	AVH 90.110.2.8	2
Sezai Turkes Fevzi		PK	2000	AVH 71.18.2.8	4
Dragages	Kwai Tsing Tunnel	HK	2000	AVH 125.75.4.8	2
NCC Intenational	Ningbo	CH	2000	AVH 180.355.4.10	4
Cavet	Ginori Tunnel <b>TBM</b>	IT	2000	AVH 125.110.4.8	3
PT Aneka Tambang Tbk	Mine	ID	2000	AVH 71.37.2.8	14
Bilfinger Berger		TW	2000	AVH 160.200.4.8	3
			2000	AVH 71	1
			2000	AVH 90	1
Tara Mines	Mine	IE	2000		2
Peabody / EROC	Mine	AU	2000	AVH100.110/27.2/4.8	5
			2000	AVH 125 Beg	1
Tara Mines	Mine	IE	2000	AVH 125.90/22.4/8.8	3
Atlas Copco North Korea		KP	2000	AVH 63.9.2.8	2
Penta Ocean	DTSS T-02 <b>TBM</b>	SG	2000	AVH 90.55/14.2/4.8	2
Cavet	Bologna-Firenze Rail	IT	2000	AVH 160.132	4
Cavet	Bologna-Firenze Rail	IT	2000	AVH 160.160	6
Comet	Copenhagen Metro	DK	2000	AVH 90.75/14	4
Öresund Tunnel Contractors	Öresund Link	DK	2000	AVH 125.90/22	8
Astaldi-ICE	Misicuni <b>TBM</b>	BO	2000	AVH 71.24	8
Skanska	Kukule Ganga, Sri Lanka	LK	2000	AVH125.110/27	13
LKAB	Mine	SE	2000	AVH 90.75/14	2
Skanska	Hallandsas	SE	2000	AVH 125.90/22	3
Skanska	Tunnel	SE	2000	AVH 90.75/18	4
Tara Mines	Mine	IE	1998-2000	AVH 125.90/22	6
Kumagai Gumi, KSMJV		SG	1999	AVH 90.90/22	4
Selmer		NO	1999	AVH 160.160/40	1
CNO Odebrecht	La Miel	PE+CO	1999	AVH 125.90/22	6
Selmer	Södra Länken Stockholm	SE	1999	AVH 160.132	5
Selmer	Södra Länken Stockholm	SE	1999	AVH 125.110	3
Boliden	Mine	SE	1996-1999	AVH 90.75/14	11
Boliden	Mine	SE	1999	AVH 90.110/27	1
DSA		IT	1999	AVH 100.30	2
TCH, Philip Holzmann		NL	1999	AVH 90.55/13	1

Customer	Project	Country	Year	Delivered fan type	Qty
Boliden	Mine	SE	1999-2002	AVH 125.90/22	9
Boliden	Mine	SE	1996-1999	AVM 90.37/8	24
LKAB	Mine	SE	1998-1999	AVH 90.45	4
Wan Long. J/V	Wanjiazhai water tunnel <b>TBM</b>	CH	1998	AVH 100.110	6
Wan Long. J/V	Wanjiazhai water tunnel <b>TBM</b>	CH	1998	AVH 90.90	4
Wan Long. J/V	Wanjiazhai water tunnel <b>TBM</b>	CH	1998	AVH 100.90	2
Wan Long. J/V	Wanjiazhai water tunnel <b>TBM</b>	CH	1998	AVH 90.37	1
Jinro Const	Renun	KR	1998	AVH 90.75	3
Jinro Const	Renun	KR	1998	AVH 63.18	4
Skanska	Tunnel	SE	1998	AVH 90.45	2
LKAB	Mine	SE	1998	AVH 112.30	9
LKAB	Mine	SE	1998	AVM 90.37/8	3
Italthai	Mae Moh water tunnel	TH	1998	AVH 63.25	4
Italthai	Mae Moh water tunnel	TH	1998	AVH 63.22	3
Italthai	Mae Moh water tunnel	TH	1998	AVH 63.15	3
Italthai	Mae Moh water tunnel	TH	1998	AVH 63.18	1
Customer	Project	Country	Year	Delivered fan type	Qty
LKAB	Mine	SE	1998	AVH 90.90	6
Boliden	Mine	SE	1998	AVH 90.90/22	1
LKAB	Mine	SE	1997-1999	AVH 90.90/22	5
Boliden	Mine	SE	1997	AVH 180.250/70	1
PEAB	Tunnel	SE	1997	AVH 125.90/22	2
NCC	Tunnel	SE	1997	AVH 125.90/22	3
Skanska	Tunnel	SE	1997	AVH 90.37	1
Jai Prakash	Nathpa Jahkri HEPP	IN	1997	AVH 100.90/22	6
Boliden	Mine	SE	1996-1997	AVH 125.90/22	6
Banbrytarna	Arlandabanan	SE	1996	AVH 125.90/22	13
PEAB	Tunnel	SE	1996	AVH 90.45/11	1
Kraftbyggarna	Hallandsas <b>TBM</b>	SE	1995	AVH 160.160/40	1
Kraftbyggarna	Hallandsas <b>TBM</b>	SE	1995	AVH 140.75	1
Boliden	Mine	SE	1995	AVH 71.18	2



## Reference list some major supplies of SWEDFAN flexible ducting

Contractor	Project	Country	Diameter	Meters delivered	Year
Dalper		Chile	2,0	2 300	2017
Constructora JME		Peru	0,6	2 800	2017
Constructora JME		Peru	0,8	3 500	2017
Constructora JME		Peru	0,6	2 300	2017
Constructora JME		Peru	0,8	1 300	2017
HLT		Argentina	2,5	3 000	2017
RTC		Thailand	1,1	9 900	2017
Subterra		Sweden	2,4	3 500	2017
Titan		Turkey	1,3	2 000	2017
Herrenknecht		Argentina	1,4	6 000	2017
Anbel CMC		Italy	1,0	800	2016
Anbel CMC		Italy	0,5	2 200	2016
Constructora JME		Peru	30"	800	2016
Constructora JME		Peru	32"	1 500	2016
Constructora JME		Peru	24"	1 600	2016
Constructora JME		Peru	30"	1 520	2016
Prime Rental		Korea	2,4	1 000	2016
Veidekke		Norge	2,2	1 000	2016
Constructora JME		Peru	1,3	2 750	2016
Constructora JME		Peru	1,3	2 250	2016



Contractor	Project	Country	Diameter	Meters delivered	Year
Hai Thach Group		Vietnam	1,4	2 200	2016
Hai Thach Group		Vietnam	1,4	800	2016
		Ecuador	2,0	12 450	2016
Constructora JME		Peru	30"	1 700	2016
		Saudi	2,4	10 000	2015
Constructora JME		Peru	1,1	3 600	2015
Constructora JME		Peru	0,8	2 000	2015
Constructora JME		Peru	1,0	2 000	2015
		Ecuador	2,0	4 100	2015
Titan		Turkey	2,4	500	2015
Titan		Turkey	2,0	1 500	2015
Prime Rental		Korea	2,4	2 000	2015
Yertas Insaat		Turkey	1,6	3 400	2014
		Nepal	0,8	5 850	2014
		Nepal	1,0	3 150	2014
Constructora JME		Peru	0,9	2 700	2014
		Dubai	2,4	1 400	2014
		Dubai	1,6	1 400	2014
Odebrecht		Angola	2,0	3 860	2014
Constructora JME		Peru	1,4	2 000	2014
Anbel CMC		Italy	2,5	2 000	2014
ARGE			2,5	2 400	2014
		Nepal	1,0	7 560	2014
Anbel		Italy	2,0	2 800	2014
Odebrecht		Angola	2,0	3 840	2014
Constructora JME		Peru	0,8	3 000	2014
Constructora JME		Peru	1,0	5 000	2014
Shapir Pizzarotti		Italy	2,4	2 000	2014
Constructora JME		Peru	0,8	3 000	2014
Constructora JME		Peru	1,1	5 000	2014
Anbel CMC		Italy	2,5	1 900	2014
		Nepal	1,0	7 560	2014
Anbel CMC		Italy	2,0	2 800	2014
Gia		Abu Dhabi	1,0	5 600	2013
Gia Pizzarotti Spa		Italy	2,4	11 500	2013
Constructora JME		Peru	0,9	3 500	2013
Navayuga		India	2,5	8 000	2013
Swedvent Brasilien		Brasilien	0,9	4 020	2013
Swedvent Brasilien		Brasilien	2,4	2 000	2013
Björkdalsgruvan		Sweden	0,7	4 000	2013
Björkdalsgruvan		Sweden	0,9	3 000	2013

Contractor	Project	Country	Diameter	Meters delivered	Year
Björkdalsgruvan		Sweden	1,0	500	2013
Björkdalsgruvan		Sweden	1,2	1 500	2013
Björkdalsgruvan		Sweden	1,4	1 500	2013
Marti India pvt Ltd		India	1,6	4 000	2013
Removex		Sweden	2,5	2 600	2013
Anbel Venaus		Italy	2,0	2 000	2013
Odebrecht		Angola	2,0	2 500	2013
Odebrecht		Venezuela	1,8	11 000	2013
Yertas Insaat		Turkey	1,6	3 400	2013
Arge Umfahrung Schwarzsk			2,5	2 400	2013
Removex		Sweden	1,8	3 400	2013
Soimincor		Spain	0,8	30 100	2013
Soimincor		Spain	1,0	29 300	2013
Gia Shimizu		China	1,6	9 500	2012
Gia Metro Polska Astadi		Polad	1,2	5 500	2012
Gia BAM Ferrovial Kier JV			1,6	14 000	2012
Gia Concordia			1,5	6 500	2012
Gia Pizzarotti Spa		Italy	2,4	6 000	2012
Gia Atlas Copco Thailand		Thailand	1,2	3 040	2012
Ethiopia		Ethiopia	2,2	12 000	2012
Gia Mart India Pvt Ltd		India	1,6	2 000	2012
Constructora JME SAC		Peru	0,9	3 000	2012
Gia		Abu Dhabi	1,0	8 000	2012
Gia Metro Polska Astadi		Polad	1,2	5 500	2012
Gia GEIE			1,1	7 000	2012
Gia Soimincor		Spain	1,0	21 200	2012
Gia Soimincor		Spain	0,8	22 300	2012
Samsung, U.A.E.	STEP Deep sewer T-01	Abu Dhabi	1,0	16 100	2011
Sungbo	Injae tunnel	Korea	1,6	5 000	2011
Dragages	XRL821	Hong Kong	2,4	4 900	2011
Gammon Construction	HATS23	Hong Kong	1,0 & 0,9	11 900	2011
JME Sac	CH Quitaracsa	Peru	0,9	13 000	2011
Bureau No. 18	Chongqing Metro	China	1,2	7 000	2011
Bureau No. 18	West Qinling	China	2,2	2 000	2011
Impregilo, Italy		Venezuela	2,2	4 000	2010-11
CRTG	West Qinling	China	2,2	12 000	2011
Bureau No. 18	Thuong Kon Kum	Vietnam	1,5	15 500	2011
Bilfinger Berger	Odenplan	Sweden	2,2	3 000	2010-11
CRTG	Nan Lvliang	China	2,2	10 800	2011
Shanghai Tunneling	Singapore Metro C-920	Singapore	1,2	5 600	2011
Cilsa	Baitun	Panama	1,2	3 000	2011

Contractor	Project	Country	Diameter	Meters delivered	Year
CAPF	Huangdao Petrol Caverns	China	2,0 & 1,2	6 800	2011
Somincor Mine	Portugal Mine	Portugal	1,0 & 0,8	11 000	2011
UTE Linea 9	Linea 9	Spain	2,5	2 400	2011
Gulf Rock		Dubai	1,6	2 000	2010
Seli	Suruc	Turkey	2,0	17 000	2010
ARGE Tunnel Lichtenfels	Tunnel Lichtenfels	Germany	2,4	2 000	2010
Odebrecht	El Tigre	Argentina	1,0	15 000	2010
Odebrecht	Saneamiento de Bahia	Panama	0,8	5 500	2010
Odebrecht	Palomino	Dominican Republic	1,4&1,5	6 500	2010
BAM Nuttal	Glendoe HEP	Scotland	1,2 & 0,9	6 000	2010
Nishimatsu/Shimizu	Pahang Selangor	Malaysia	1,6	36 000	2010-11
Ilci Construction		Turkey	1,4	12 000	2010-11
NCC	Citybanan Stockholm	Sweden	1,8	2 000	2010
SELI	Kishanganga	India	1,6	15 000	2010
Zhejiang Zhengbang	Neelum Jheelum C1	Pakistan	2,2 m	16 000	2009
CMC	Yintao	China	1,6 m	14 000	2009
CGGC-CMEC	Neelum Jhelum C2-C3	Pakistan	1,2-2,2 m	45 300	2009
Impregilo	Venezuela	Venezuela	2,2 m	4 000	2009
Bilfinger Berger	Citybanan Stockholm	Sweden	1,8 + 2,4 m	4 000	09-10



CRTS	Yinhong Water tunnel	China	0,9 m	5.000	2009
ILCI Construction	Mavi Tunnel	Turkey	1,4 m	8.000	2009
ICG	Dasht-e-sahab	Iran	2,0 m	14 000	2009
Beton&Monierbau	Partille Spillvattentunnel	Sweden	0,85 + 1,0 m	7 000	08-09
Max Bögl/Swietelsky	EKT Paierdorf	Austria	2,4	5 000	2008

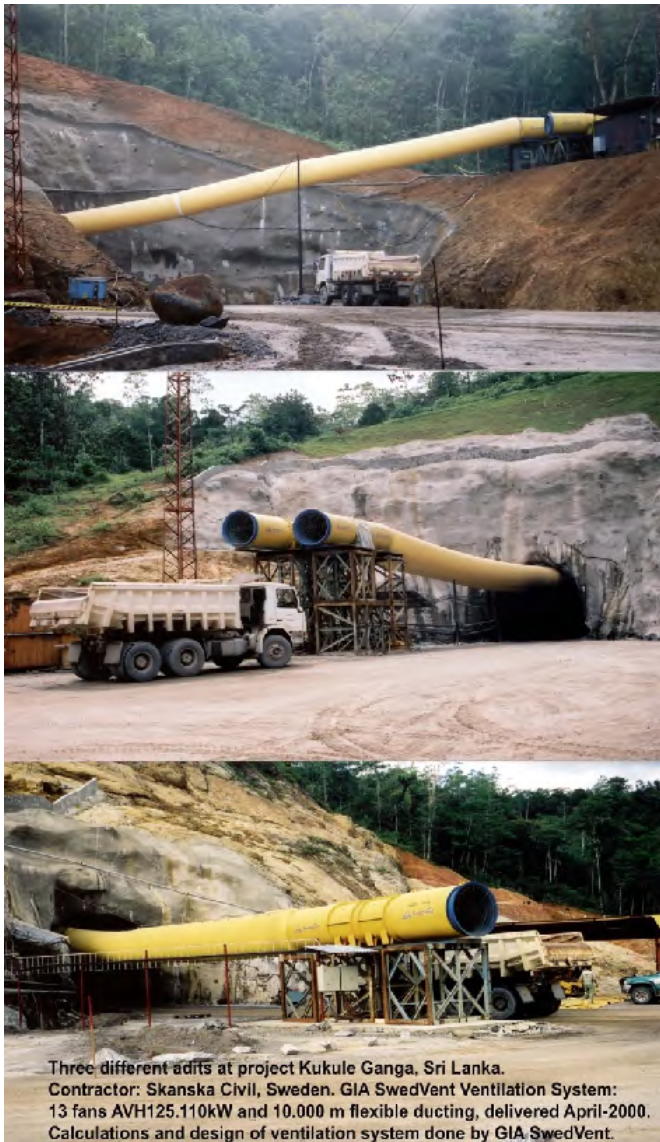
Contractor	Project	Country	Diameter	Meters delivered	Year
Constructora Norberto Odebrecht	Palomino	Dom. Republic	1,4 m	10 000	2008
SELI	SELI Ethiopia	Ethiopia	2,0 m	3 600	2008
UTE Tunnel Oiola	UTE Tunnel Oiola	Spain	1,2 m	7 000	2008
Changuinola CWJV	Changuinola HEP	Panama	2,0 m	6 000	2008
SELI	Metro Teheran	Iran	2,0 m	7 000	2008
SELI	Brenner	Austria	1,6 m	13 100	2008
Construtora do Tamega Madeira	Madeira	Spain	1,2 m	5 000	2008
FCC/SCRINSER/OHL/FE RROVIAL/COPIA	UTE tuneladora Metro	Spain	1,6 m	6 000	2008
Cogies S.p.a		Italy	0,8 m	4 500	2008
Bilfinger Berger/Leighton	Brisbane Bypass Tunnel	Australia	2,5 m	9.000	2007
Beton und Monierbau	Partille Spillvattentunnel	Sweden	0,85 m	8.000	2007
SELI	Salonico	Greece	1,4 m	5.000	2007
Sambu	Karachi Airport	Pakistan	1,6 m	3 000	2007
Hochtief/Züblin	Schlüchtern tunnel	Germany	2,0 m	4.000	2007



**Contractor:** CAVET J.V., Italy  
**Project:** Bologna-Firenze rail link  
**Country:** Italy  
**Duct diameter:** 2,0 & 2,4 m  
**Meters supplied:** 20.000  
**Year:** 1999-2000



Contractor	Project	Country	Diameter	Meters delivered	Year
Hochtief/Alpine/Beton & Monierbau	Lanzier tunnel	Austria	1,0-2,0 m	3 800	2007
Porr/Max Bögl	3-4 Münster Wiesing	Austria	2,2 m	5.800	2007
Seli	Jin Ping	China	3,0 m	18.000	2007
Ghaem, Iran	Dasht e Sahab	Iran	1,2-2,0 m	9.000	2006
Tuneles de Pajares 3&4 UTE	Pajares lote 3&4	Spain	2,5-2,6 m	20.000	2006
Odebrecht	Olmos Transandino	Peru	1,6 m	15.000	2006
Ghaem, Iran	Dasht e Sahab	Iran	1,2-2,0 m	9.000	2006
Tuneles de Pajares 3&4 UTE	Pajares lote 3&4	Spain	2,5-2,6 m	20.000	2006

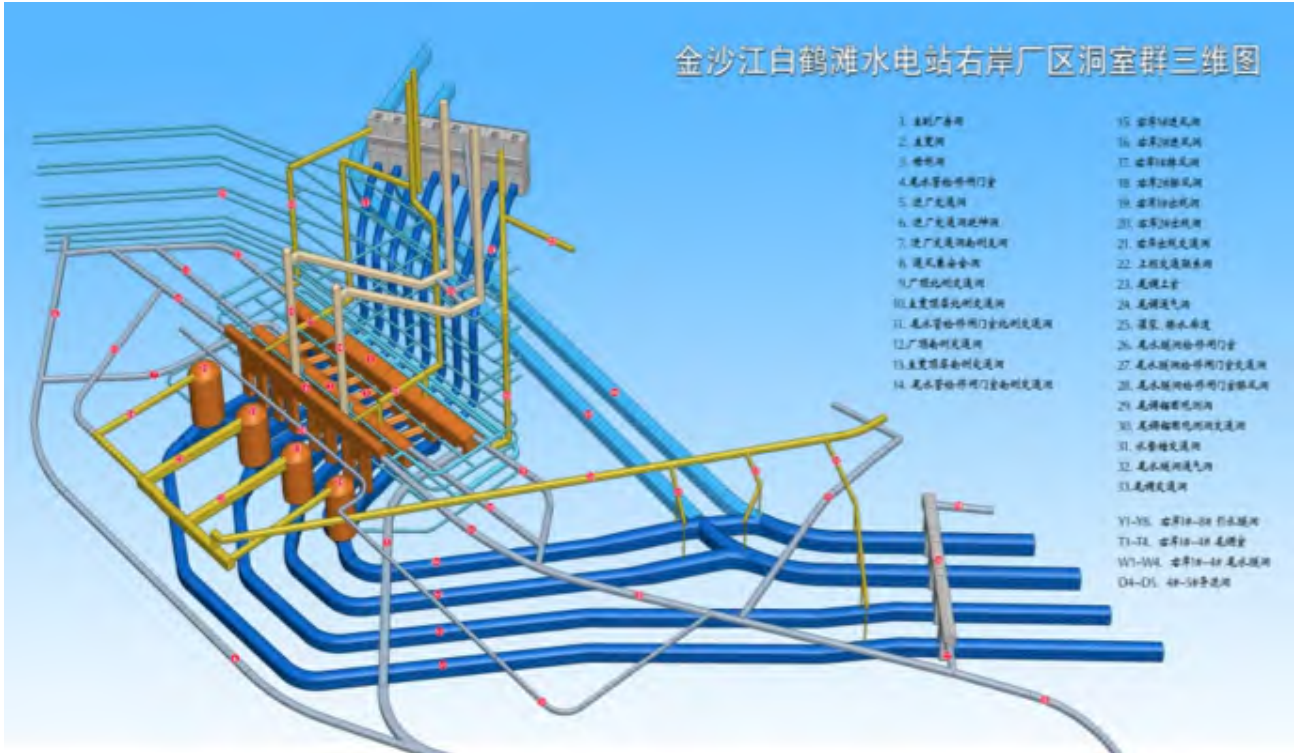


**Contractor:** Skanska, Sweden  
**Project:** Kukule Ganga  
**Country:** Sri Lanka  
**Duct diameter:** 1,6 m  
**Meters supplied:** 10.000  
**Year:** 2000

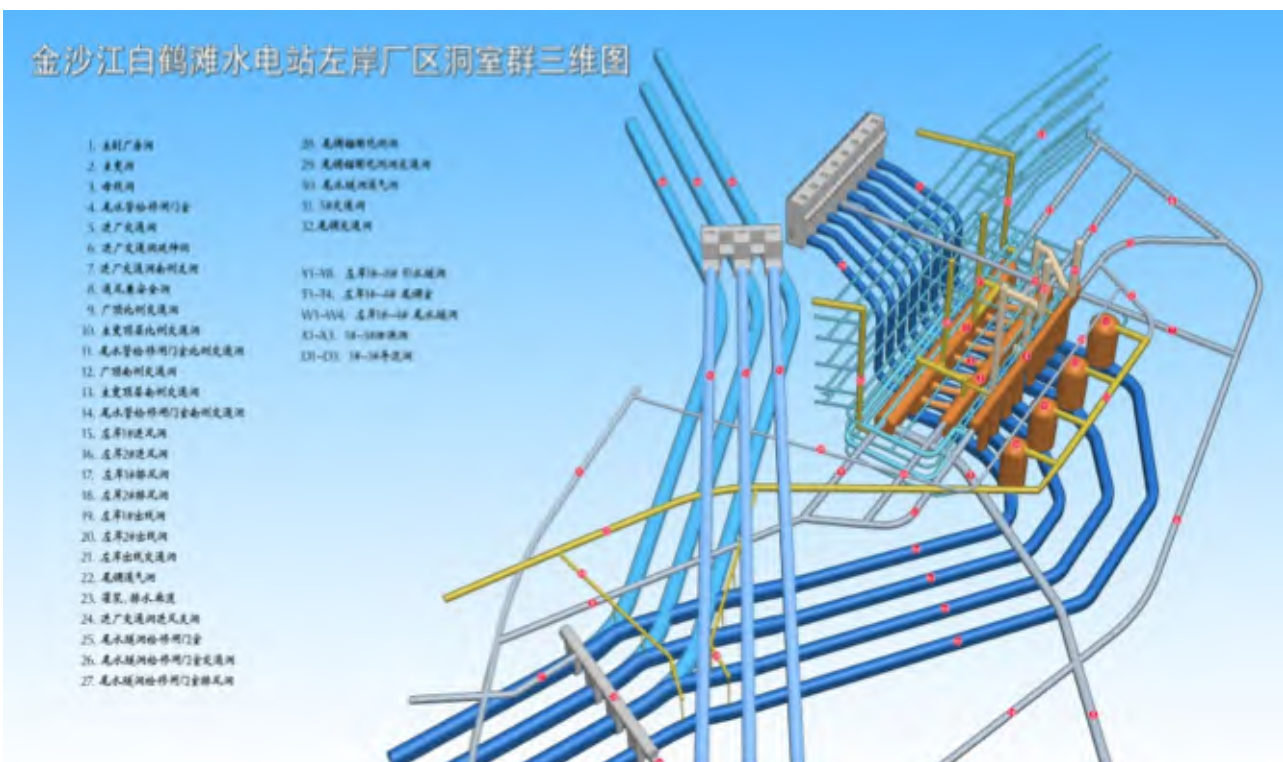
Contractor	Project	Country	Diameter	Meters delivered	Year
Odebrecht	Olmos Transandino	Peru	1,6 m	15.000	2006
McConnel Dowell	Bogong Power Development	Australia	1,2 m	6.400	2006
Tuneles de Pajares 1&2 UTE	Tuneles de Pajares lote 1&2	Spain	2,6 m	32.000	2005-6
Seli, Italy	GILGEL GIBEHOMO I-II	Ethiopia	2,0 m	26.000	2005
Seli, Italy	San Francisco	Ecuador	1,8 m	12.000	2005
UTE Linia 9	UTE Linia 9	Spain	2,5 m	5.000	2004
UTE Tunel del Cadi	Tunel del Cadi 2	Spain	1,2 m	3.500	2004
Thiess John Holland J.V.	Lane Cove Tunnel	Australia	1,8 m	15.000	2004
Gammon/Skanska, Hong Kong	Nam Wan tunnel	Hong Kong	1,8-2,5 m	3.000	2003
Thiess Hochtief J.V.	Paramatta Rail Link	Australia	1,8 m	12.000	2003
J. Murphy & Sons	London Elstree Cable Tunnel	England	0,8 m	15.000	2001
ARGE Ferden, Switzerland	Ferden (Lötschberg)	Switzerland	2,6 m	8.000	2001
Matrans J.V., Switzerland	Raron-Ferden (Lötschberg)	Switzerland	2,5 m	15.000	2000
Impregilo, Italy	Ginori Tunnel	Italy	1,5 m	10.000	2000
Impregilo/CMC/Seli	Wanjiazhai	China	1,4 m	56.000	1998
ÖTC J.V., Denmark	Öresund link	Denmark	1,6 m	10.000	1997
Astaldi/ICE, Italy	Misicuni	Bolivia	1,2 m	15.000	1997
Construtora Odebrecht, Brazil	Poza Honda	Ecuador	1,4 m	9.000	1997
GIE, France	Tunel de Marseille	France	3,0 m	4.000	1996
Impregilo, Italy	Kali Gandaki	India	1,8 m	10.000	1996
Skanska, Sweden	Arlanda Link	Sweden	1,6 m	12.000	1996



# Hydro Electrical Power Plant Baihetan, China 14 000 MW



**Totally 110 SWEDFAN fans and 150.00 meter SWEDFAN ducting delivered.**



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