



Company profile HBI Haerter Consulting Engineers

Status:	HBI Haerter AG	Private limited company according to Swiss law; 100% owned by HBI Holding AG
	HBI Haerter GmbH	Private limited company according to German law; subsidiary of HBI Haerter AG
	HBI Haerter Pty Ltd	Private limited company according to Australian law; subsidiary of HBI Haerter AG

Key Data	1963: Foundation of Schindler Haerter AG by Dr Schindler and Dr Haerter
	1996: Take-over by IUB Bern and change of name to HBI Haerter AG (CH)
	2007: Foundation of HBI Haerter GmbH (DE)
	2010: Foundation of HBI Holding AG (owned by employees of HBI) and complete take-over of HBI Haerter AG
	2015: Foundation of HBI Haerter Pty. Ltd. (Sydney, Australia)
	2020: Number of employees of HBI Haerter: more than 30

Main Achievements:	Since 1963 design services of more than 1000 road and railway tunnels worldwide in the field of ventilation (construction and operating phase), emissions, aerodynamics, climate, safety and mechanical equipment
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Main Projects: (Examples)	Gotthard-Road-Tunnel (17 km); Brenner-, Ceneri-, Gotthard- and Lötschberg-Base Tunnel (55/15/57/35 km); Cross-City-Tunnel (2.1 km); Elbtunnel (3 km); Doha Metro (76 km); Guadarrama (28 km); WestConnex (33 km)
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Branch management HBI Haerter:	Zurich, CH	Simon Frey, Jakob Funnemark, Matthias Lempp
	Bern, CH	Dr. Andreas Busslinger, Dr. Michael Flückiger, Dr. Peter Reinke, Christoph Rudin
	Heidenheim, DE	Simon Schneider, Stephan Thumm
	Sydney, AU	Dr. Andreas Busslinger, Jakob Funnemark J. Alexander Lang, Dr. Peter Reinke

Memberships:	SIA	Swiss Society of Engineers and Architects
	VDI	German Society of Engineers
	FGU	Group of Specialists for Tunnelling and Mining of SIA
	STUVA	Research Association for Underground Transportation Facilities
	BTS	British Tunnelling Society
	ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning
	FEANI	European Federation of the National Engineer Associations
	IDA	Danish Society of Engineers
	ITA	International Tunnelling and Underground Space Association

Staff in Committees for Standards and Organisations:	PIARC	Permanent International Association of Road Congresses
	COSUF	Committee for Operational Safety of Underground Facilities
	ISO TC117	Norm committee on industrial fans
	STUVA	Research Association for Underground Transportation Facilities
	VDI 2044	Final inspection and acceptance tests of ventilators
	VDI 2053	Directives concerning ventilation and air-conditioning of garages and tunnels
	VDI 6029	Ventilation system for road tunnels
	SIA 196	Temporary ventilation of construction sites