

**LIST OF GROUP COMPANIES OF INVESCO ASSET MANAGEMENT (INDIA) PVT. LTD. AS ON
DECEMBER 31, 2022**

Sr. No.	Name of Companies
1	Invesco Hong Kong Ltd.
2	Invesco Ltd.
3	Invesco Asset Management Pacific Ltd.
4	Invesco Singapore Pte. Ltd.
5	Invesco Pacific Group Limited
6	Invesco Holding Company Limited
7	Invesco Trustee Pvt. Ltd.
8	WL Ross (India) Private Ltd.
9	Invesco (India) Private Limited
10	Association of Mutual Funds of India
11	MF Utilities India Pvt Ltd.
12	Invesco Taiwan Ltd.
13	Invesco Asset Management Asia Ltd.
14	Invesco WLR Ltd.
15	HIW Private Equity Investment Management Ltd.
16	Invesco Asset Management Australia (Holdings) Ltd.
17	Invesco Australia Ltd.
18	Invesco Great Wall Fund Management Co. Ltd.
19	Huaneng Invesco Private Equity Management Company Ltd.
20	Rejoy Group Ltd.
21	Fine Spark Ltd.
22	Invesco Great Wall Asset Management (Shenzhen) Co. Ltd.
23	Genmix Ltd.
24	ABONDANCE ASIE
25	Milaap Social Ventures Pte. Ltd.
26	Hong Kong Investment Funds Association
27	Invesco Investment Management (Shanghai) Limited
28	Invesco Overseas Investment Fund Management (Shanghai) Limited

LIST OF GROUP COMPANIES OF SPONSOR AS ON DECEMBER 31, 2022

Sr. No.	Name of Companies
1	Accretive Asset Management, LLC
2	Atlantic Wealth Holdings Limited
3	Atlantic Wealth Management Limited
4	Beijing HIW XinHe Investment Co. Ltd.
5	Branch Office Invesco Asset Mgmt Ltd. (Dubai)
6	Branch Office Invesco Asset Mgmt Ltd. (Luxembourg)
7	Branch Office Invesco Management SA (France)
8	Branch Office Invesco Management SA (BELGIUM)
9	Branch Office Invesco Management SA (ITALY)
10	Branch Office Invesco Management SA (Netherlands)
11	Branch Office Invesco Management SA (SPAIN)
12	Branch Office Invesco Management SA (SWEDEN)
13	Branch Office Invesco Global Real Estate Asia Pacific Inc. (Japan)
14	Branch Office Invesco Hong Kong Limited (Korea)
15	Branch Office Invesco Real Estate Investment Asia Pacific Limited (Singapore)
16	Branch Office Invesco Real Estate TAM S.À R.L (Czech Republic)
17	Branch Office Invesco Real Estate TAM S.À R.L (France)
18	Branch Office Invesco Real Estate TAM S.À R.L (Italy)
19	Branch Office Invesco Real Estate TAM S.À R.L (Polland)
20	Branch Office Invesco Real Estate TAM S.À R.L (Spain)
21	Branch Office Invesco Real Estate Management S.À R.L (France)
22	Branch Office Invesco UK Services Limited (Israel)
23	C M Investment Nominees Limited
24	Coff Associates (Cayman) Limited
25	Elliot Associates Limited
26	Gatefold Hayes GP Limited
27	Greenspruce GP Limited
28	Harbourview Asset Management Corp.
29	HIW China Opportunity Fund SPC
30	HIW Private Equity Investment Management Limited
31	Huaneng Invesco Private Equity Management Company Limited
32	HVH Immobilien und Beteiligungs GmbH
33	India Asset Recovery Management Limited
34	Intelliflo Australia Pty Ltd
35	IntelliFlo Limited
36	Intelliflo Advisers Inc.
37	INVESCO (B.V.I.) NOMINEES LIMITED
38	Invesco (Cayman Islands) Ltd.
39	Invesco (India) Private Limited
40	Invesco (Nominees) Limited
41	Invesco Administration Services Limited
42	Invesco Advisers, Inc.
43	Invesco Alternative Solutions GP LLC
44	Invesco Asia Pacific Private Equity Investment and Fund Management (Shenzhen) Limited
45	Invesco Asset Management (Bermuda) Limited
46	Invesco Asset Management (India) Private Ltd.
47	Invesco Asset Management (Japan) Limited
48	Invesco Asset Management (Schweiz) AG
49	Invesco Asset Management Asia Limited
50	Invesco Asset Management Australia (Holdings) Limited
51	Invesco Asset Management Deutschland GmbH
52	Invesco Asset Management Ireland Holdings Ltd.
53	Invesco Asset Management Limited

Sr. No.	Name of Companies
54	Invesco Asset Management Oesterreich - Zweigniederlassung Der Invesco Asset Management Deutschland GmbH
55	Invesco Asset Management Pacific Limited
56	Invesco Asset Management Singapore Ltd.
57	Invesco Australia Limited
58	Invesco Canada Ltd.
59	Invesco Capital Management LLC
60	Invesco Capital Markets, Inc.
61	Invesco Continental Europe Holdings SA
62	Invesco Credit Partners II (LUX) S.à r.l.
63	Invesco Direct Lending II GP S.à r.l.
64	Invesco Direct Lending (L) Lux Feeder Fund II S.à r.l.
65	Invesco Distributors, Inc.
66	Invesco Far East Limited
67	Invesco Finance PLC
68	Invesco Finance, Inc.
69	Invesco Financial Services Ltd.
70	Invesco Fund Managers Limited
71	Invesco Gemini Associates LLC
72	Invesco Global Asset Management DAC.
73	Invesco Global Direct Real Estate Feeder GP Ltd
74	Invesco Global Direct Real Estate GP Ltd.
75	Invesco Global Funds GP, LLC
76	Invesco Global Investment Funds Limited
77	Invesco Global Real Estate Asia Pacific Inc.
78	Invesco Great Wall Asset Management (Shenzhen) Co. Ltd.
79	Invesco Great Wall Fund Management Co. Ltd.
80	Invesco Group Limited
81	Invesco Group Services, Inc.
82	Invesco GT Asset Management Limited
83	Invesco Holding Company (US), Inc.
84	Invesco Holding Company Limited
85	Invesco Hong Kong Limited
86	Invesco Inc.
87	Invesco Indexing LLC
88	Invesco International (Southern Africa) Limited
89	Invesco International Holdings Limited
90	Invesco International Limited
91	Invesco Investment Advisers LLC
92	Invesco Investment Consulting (Beijing) Limited
93	Invesco Investment Management (Shanghai) Limited
94	Invesco Investment Management Limited
95	Invesco Investment Services, Inc.
96	Invesco Investments (Bermuda) Limited
97	Invesco IP Holdings (Canada) Ltd.
98	Invesco Loan Manager, LLC
99	Invesco Ltd.
100	Invesco Managed Accounts, LLC
101	Invesco Management GmbH
102	Invesco Management S.A.
103	Invesco OFI Global Asset Management LLC
104	Invesco Overseas Investment Fund Management (Shanghai) Limited
105	Invesco Pacific Group Limited
106	Invesco Pensions Limited
107	Invesco Polska S.P.Z.o.o.

Sr. No.	Name of Companies
108	Invesco Private Capital Investments, Inc.
109	Invesco Private Capital, Inc.
110	Invesco Real Estte Asia HRO GP, LLC
111	Invesco Real Estate Atlas G.P. S.à r.l. Luxembourg
112	Invesco Real Estate Asia MTC GP, Ltd.
113	Invesco Real Estate Investment Asia Pacific Limited
114	Invesco Real Estate Korea
115	Invesco Real Estate Management S.a.r.l
116	Invesco Real Estate TAM S.a.r.l
117	Invesco Real Estate UK Residential S.a.r.l
118	Invesco Real Estate Value Add S.a.r.l.
119	Invesco Real Estate Zweigniederlassung der Invesco Asset Management Deutschland GmbH
120	Invesco Realty, Inc
121	Invesco Ruihong (Shanghai) Enterprise Management and Consulting Company Limited
122	Invesco Ruihong (Shanghai) Private Equity Investment Management Company Limited
123	Invesco Senior Secured Management, Inc
124	Invesco Services (Bahamas) Private Limited
125	Invesco Singapore Pte. Ltd.
126	Invesco Specialized Products, LLC
127	Invesco Taiwan Limited
128	Invesco Trust Company
129	Invesco Trustee Private Limited
130	Invesco UK Holdings Limited
131	Invesco UK Limited
132	Invesco UK Services Limited
133	Invesco US Senior Loans Associates LLC
134	Invesco WLR Limited
135	Invesco WLRoss (Beijing) Management Consulting Co. Ltd.
136	IRE (Cayman) Limited
137	IRE AF II, Ltd.
138	IRE AF III, Ltd.
139	IRE AFIV GP, L.P.
140	IRE AFIV GP, Ltd.
141	IRE AFV GP, Ltd.
142	IRE AFV GP, L.P.
143	IRE Financing GP S.a.r.l
144	IREPAC, Ltd.
145	IVZ Finance DAC
146	IVZ Immobilien Verwaltungs GmbH
147	James Bryant Limited
148	OFI International Ltd.
149	OFI SteelPath, Inc.
150	Oppenheimer Acquisition Corporation
151	OppenheimerFunds Distributor, Inc.
152	Oppenheimer Funds, Inc.
153	Perpetual Limited
154	Pocztylion – Arka PTE S.A.
155	RedBlack Software LLC
156	RedBlack Software Private Limited
157	Ross Expansion Associates LP
158	Sermon Lane Nominees Limited
159	Settlement Agent, LLC
160	SNW Asset Management Corp.
161	Source Holdings Limited
162	SteelPath Funds Remediation LLC

Sr. No.	Name of Companies
163	Theodomir S.à r.l.
164	The Investment Advisor Alliance Limited Liability Company
165	Tremont (Bermuda) Ltd.
166	Tremont GP, LLC
167	Tremont Group Holdings, LLC
168	Tremont Partners, LLC
169	Trinity Investment Management Corp.
170	VV Immobilien Verwaltungs -und Beteiligungs Gmbh
171	W L Ross & Co. (India) LLC
172	W L Ross & Co., LLC
173	W L Ross (India) Private Limited
174	W L Ross DIP Management LLC
175	W L Ross GW Holdings (Cayman) Ltd.
176	Wessex Winchester GP Limited
177	WLR China Energy Associates Ltd