



## 5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
Each entity listed in Schedule 1	Each of the entities listed in Schedule 1.

## 6. Addresses

The addresses of persons named in this form are as follows:

Name	Address
Australia Limited	Level 32, Aurora Place, 88 Phillip Street Sydney NSW
See Schedule 1	See schedule 1

## Schedule 1

AB (Shanghai) Investment Consulting Co., Ltd.	China
AB (Shanghai) Overseas Investment Fund Management Co., Ltd.	China
AB Bernstein Israel Ltd	Israel
AB Custom Alternative Solutions LLC	USA
AB Europe GmbH	Germany
AB Private Credit Investors LLC	USA
AB Trust Company, LLC	USA
Alliance Capital (Mauritius) Private Limited	Mauritius
Alliance Capital Management LLC	USA
AllianceBernstein (Argentina) S.R.L.	Argentina
AllianceBernstein (Chile) SpA	Chile
AllianceBernstein (France) SAS	France
AllianceBernstein (Luxembourg) S.à r.l	Luxembourg
AllianceBernstein (Mexico), S. de R. L. de C. V.	Mexico
AllianceBernstein (Singapore) Limited	Singapore
AllianceBernstein Administradora de Carteiras (Brasil) Ltda.	Brazil
AllianceBernstein Asset Management (Korea) Ltd.	Korea
AllianceBernstein Australia Limited	Australia
AllianceBernstein Canada, Inc	Canada
AllianceBernstein Corporation of Delaware	USA
AllianceBernstein Global Derivatives Corporation	USA
AllianceBernstein Holding L.P	USA
AllianceBernstein Holdings (Cayman) Ltd.	Cayman Islands
AllianceBernstein Holdings Limited	UK
AllianceBernstein Hong Kong Limited	Hong Kong
AllianceBernstein International LLC	USA
AllianceBernstein Investment Management Australia Limited	Australia
AllianceBernstein Investment Research and Management (India) Private Ltd.	India
AllianceBernstein Investments Taiwan Limited	Taiwan
AllianceBernstein Investments, Inc	USA

AllianceBernstein Investor Services, Inc.	USA
AllianceBernstein Japan Ltd.	Japan
AllianceBernstein L.P.	USA
AllianceBernstein Limited	UK
AllianceBernstein Oceanic Corporation	USA
AllianceBernstein Preferred Limited	UK
AllianceBernstein Real Estate Investments LLC	USA
AllianceBernstein Schweiz AG	Switzerland
AllianceBernstein Services Limited	UK
AllianceBernstein Solutions (India) Private Limited	India
Alpha Units Holdings, Inc	USA
Autonomous Research Asia Limited† (Hong Kong)	Hong Kong
Autonomous Research LLP	UK
Autonomous Research LLP	USA
AXA Equitable Financial Services, LLC	USA
AXA Equitable Holdings, Inc.	USA
AXA Equitable Life Insurance Company	USA
CPH Capital Fondsmæglerselskab A/S	Denmark
MONY Life Insurance Company of the US	USA
Sanford C. Bernstein & Co., LLC	USA
Sanford C. Bernstein (Canada) Limited	Canada
Sanford C. Bernstein (Hong Kong) Limited	Hong Kong
Sanford C. Bernstein (India) Pte Limited (India)	India
Sanford C. Bernstein (Schweiz) GmbH	Switzerland
Sanford C. Bernstein "Australia" Pty Ltd	Australia
Sanford C. Bernstein Ireland Limited	Ireland
Sanford C. Bernstein Limited	UK
W.P. Stewart & Co., LLC	USA
W.P. Stewart Asset Management (NA), LLC	USA
W.P. Stewart Asset Management LLC	USA
W.P. Stewart Fund Management S.A.	USA
W.P. Stewart Securities LLC	USA
WPS Advisors, LLC	USA

Holder of Relevant Interest	Nature of relevant interests(s)	Class and number of securities	Registered holder of securities	Person entitled to be registered as holder
Equitable Holdings Inc	Power to exercise, or to control the exercise of, a right to vote attached to 20% or more of the securities of AXA SA. AXA SA and the entities listed in Schedule 1 are related bodies corporate.	31,024,661	Various custodians	n/a
AllianceBernstein L.P.	Power to control the exercise of a right to vote attached to the securities and/or the power to control the disposal of the securities as investment manager or trustee.	8,557,072	Various custodians	AllianceBernstein L.P.
AllianceBernstein Investment Management Australia Limited	Power to control the exercise of a right to vote attached to the securities and/or the power to control the disposal of the securities as investment manager or trustee.	22,467,589	Various custodians	AllianceBernstein Investment Management Australia Limited

## Schedule of Transactions - Schedule 3

30-Sep-2020 to 26-Nov-2020

Legal Entity	Trade Date	Transaction Type	Quantity	Consideration
AllianceBernstein L.P.	06-Oct-2020	ACQUISITION	75,300	383,871.87 AUD
AllianceBernstein L.P.	12-Oct-2020	ACQUISITION	718,440	3,649,675.20 AUD
AllianceBernstein L.P.	13-Oct-2020	DISPOSAL	-2,180	11,074.40 AUD
AllianceBernstein L.P.	15-Oct-2020	ACQUISITION	42,470	218,810.83 AUD
AllianceBernstein L.P.	16-Oct-2020	ACQUISITION	316,209	1,635,244.41 AUD
AllianceBernstein L.P.	30-Oct-2020	DISPOSAL	-2,330	10,182.10 AUD
AllianceBernstein L.P.	06-Nov-2020	ACQUISITION	11,241	48,058.65 AUD
AllianceBernstein L.P.	09-Nov-2020	ACQUISITION	11,138	48,625.17 AUD
AllianceBernstein L.P.	09-Nov-2020	DISPOSAL	-1,665	6,843.15 AUD
AllianceBernstein L.P.	10-Nov-2020	ACQUISITION	24,001	99,851.36 AUD
AllianceBernstein L.P.	25-Nov-2020	DISPOSAL	-1,778	6,934.20 AUD
AllianceBernstein L.P.	26-Nov-2020	DISPOSAL	-2,800	10,192.00 AUD
AllianceBernstein Investment Management Australia Limited	30-Sep-2020	ACQUISITION	77,210	388,860.44 AUD
AllianceBernstein Investment Management Australia Limited	30-Sep-2020	ACQUISITION	3,053,230	15,296,682.30 AUD
AllianceBernstein Investment Management Australia Limited	15-Oct-2020	ACQUISITION	445,801	2,297,086.82 AUD
AllianceBernstein Investment Management Australia Limited	16-Oct-2020	ACQUISITION	1,465,296	7,517,422.18 AUD
AllianceBernstein Investment Management Australia Limited	28-Oct-2020	ACQUISITION	18,780	81,308.01 AUD
AllianceBernstein Investment Management Australia Limited	04-Nov-2020	ACQUISITION	5,120	21,622.78 AUD
AllianceBernstein Investment Management Australia Limited	05-Nov-2020	ACQUISITION	124,334	509,520.73 AUD
AllianceBernstein Investment Management Australia Limited	06-Nov-2020	ACQUISITION	426,145	1,821,077.72 AUD
AllianceBernstein Investment Management Australia Limited	09-Nov-2020	ACQUISITION	377,478	1,647,052.72 AUD
AllianceBernstein Investment Management Australia Limited	10-Nov-2020	ACQUISITION	638,293	2,655,490.37 AUD
AllianceBernstein Investment Management Australia Limited	13-Nov-2020	DISPOSAL	-10,320	41,796.00 AUD
AllianceBernstein Investment Management Australia Limited	19-Nov-2020	ACQUISITION	258,450	1,000,511.64 AUD
AllianceBernstein Investment Management Australia Limited	25-Nov-2020	ACQUISITION	73,510	275,662.50 AUD
AllianceBernstein Investment Management Australia Limited	26-Nov-2020	ACQUISITION	325,927	1,252,178.94 AUD
AllianceBernstein Limited	16-Oct-2020	ACQUISITION	10,650	55,080.92 AUD
AllianceBernstein Limited	12-Nov-2020	DISPOSAL	-10,650	43,665.00 AUD