

Dow Jones Sustainability Indices In Collaboration with RobecoSAM

Effective as of 24 September 2018

Dow Jones Sustainability Asia Pacific Index

Company	Country	Industry Group	Comment
Bridgestone Corp	Japan	Automobiles & Components	
Hankook Tire Co Ltd	Republic of Korea	Automobiles & Components	
Honda Motor Co Ltd	Japan	Automobiles & Components	
Hyundai Mobis Co Ltd	Republic of Korea	Automobiles & Components	
Mazda Motor Corp	Japan	Automobiles & Components	
NGK Spark Plug Co Ltd	Japan	Automobiles & Components	
Nissan Motor Co Ltd	Japan	Automobiles & Components	
Sumitomo Electric Industries Ltd	Japan	Automobiles & Components	
Australia & New Zealand Banking Group Ltd	Australia	Banks	
BNK Financial Group Inc	Republic of Korea	Banks	
Commonwealth Bank of Australia	Australia	Banks	
DBS Group Holdings Ltd	Singapore	Banks	Addition
DGB Financial Group Inc	Republic of Korea	Banks	
Hana Financial Group Inc	Republic of Korea	Banks	
KB Financial Group Inc	Republic of Korea	Banks	
Mizuho Financial Group Inc	Japan	Banks	
National Australia Bank Ltd	Australia	Banks	
Shinhan Financial Group Co Ltd	Republic of Korea	Banks	
Sumitomo Mitsui Trust Holdings Inc	Japan	Banks	
Westpac Banking Corp	Australia	Banks	
Doosan Corp	Republic of Korea	Capital Goods	
Fuji Electric Co Ltd	Japan	Capital Goods	
GS Engineering & Construction Corp	Republic of Korea	Capital Goods	
Hyundai Engineering & Construction Co Ltd	Republic of Korea	Capital Goods	
ITOCHU Corp	Japan	Capital Goods	
Kawasaki Heavy Industries Ltd	Japan	Capital Goods	
Komatsu Ltd	Japan	Capital Goods	
Kubota Corp	Japan	Capital Goods	
LIXIL Group Corp	Japan	Capital Goods	
Mitsubishi Heavy Industries Ltd	Japan	Capital Goods	
Nabtesco Corp	Japan	Capital Goods	
NGK Insulators Ltd	Japan	Capital Goods	
NSK Ltd	Japan	Capital Goods	
Samsung C&T Corp	Republic of Korea	Capital Goods	
Samsung Engineering Co Ltd	Republic of Korea	Capital Goods	
Sembcorp Industries Ltd	Singapore	Capital Goods	
SK Holdings Co Ltd	Republic of Korea	Capital Goods	
Sojitz Corp	Japan	Capital Goods	Addition
TOTO Ltd	Japan	Capital Goods	
Brambles Ltd	Australia	Commercial & Professional Services	
Asics Corp	Japan	Consumer Durables & Apparel	
Casio Computer Co Ltd	Japan	Consumer Durables & Apparel	
Coway Co Ltd	Republic of Korea	Consumer Durables & Apparel	
LG Electronics Inc	Republic of Korea	Consumer Durables & Apparel	
Nikon Corp	Japan	Consumer Durables & Apparel	Addition
Sekisui House Ltd	Japan	Consumer Durables & Apparel	
Sumitomo Forestry Co Ltd	Japan	Consumer Durables & Apparel	Addition
Kangwon Land Inc	Republic of Korea	Consumer Services	
Shangri-La Asia Ltd	Hong Kong	Consumer Services	
Star Entertainment Grp Ltd	Australia	Consumer Services	
Tabcorp Holdings Ltd	Australia	Consumer Services	
Daiwa Securities Group Inc	Japan	Diversified Financials	
Hong Kong Exchanges & Clearing Ltd	Hong Kong	Diversified Financials	
Mirae Asset Daewoo Co Ltd	Republic of Korea	Diversified Financials	
Nomura Holdings Inc	Japan	Diversified Financials	
Samsung Securities Co Ltd	Republic of Korea	Diversified Financials	
S-Oil Corp	Republic of Korea	Energy	

Dow Jones Sustainability Indices In Collaboration with RobecoSAM

Effective as of 24 September 2018

Dow Jones Sustainability Asia Pacific Index

Company	Country	Industry Group	Comment
SK Innovation Co Ltd	Republic of Korea	Energy	
Woodside Petroleum Ltd	Australia	Energy	
Aeon Co Ltd	Japan	Food & Staples Retailing	
Seven & i Holdings Co Ltd	Japan	Food & Staples Retailing	
Wesfarmers Ltd	Australia	Food & Staples Retailing	
Ajinomoto Co Inc	Japan	Food, Beverage & Tobacco	
Asahi Group Holdings Ltd	Japan	Food, Beverage & Tobacco	
CJ CheilJedang Corp	Republic of Korea	Food, Beverage & Tobacco	
Coca-Cola Bottlers Japan Holdings Inc	Japan	Food, Beverage & Tobacco	Addition
Golden Agri-Resources Ltd	Singapore	Food, Beverage & Tobacco	
Japan Tobacco Inc	Japan	Food, Beverage & Tobacco	
NH Foods Ltd	Japan	Food, Beverage & Tobacco	
Nissin Foods Holdings Co Ltd	Japan	Food, Beverage & Tobacco	Addition
Fisher & Paykel Healthcare Corp Ltd	New Zealand	Health Care Equipment & Services	
Healthscope Ltd	Australia	Health Care Equipment & Services	
Sysmex Corp	Japan	Health Care Equipment & Services	
Kao Corp	Japan	Household & Personal Products	
LG Household & Health Care Ltd	Republic of Korea	Household & Personal Products	
Lion Corp	Japan	Household & Personal Products	
Insurance Australia Group Ltd	Australia	Insurance	
MS&AD Insurance Group Holdings Inc	Japan	Insurance	
Samsung Fire & Marine Insurance Co Ltd	Republic of Korea	Insurance	
Tokio Marine Holdings Inc	Japan	Insurance	Addition
Amcor Ltd/Australia	Australia	Materials	
DIC Corp	Japan	Materials	
Hyundai Steel Co	Republic of Korea	Materials	
Incitec Pivot Ltd	Australia	Materials	
LG Chem Ltd	Republic of Korea	Materials	
Lotte Chemical Corp	Republic of Korea	Materials	
Mitsubishi Chemical Holdings Corp	Japan	Materials	
Mitsui Chemicals Inc	Japan	Materials	Addition
Nissan Chemical Corp	Japan	Materials	Addition
POSCO	Republic of Korea	Materials	
Rio Tinto Ltd	Australia	Materials	
South32 Ltd	Australia	Materials	Addition
Taiheiyō Cement Corp	Japan	Materials	
Teijin Ltd	Japan	Materials	
Toray Industries Inc	Japan	Materials	
Dentsu Inc	Japan	Media	
Chugai Pharmaceutical Co Ltd	Japan	Pharmaceuticals, Biotechnology & Life Sciences	Addition
Daiichi Sankyo Co Ltd	Japan	Pharmaceuticals, Biotechnology & Life Sciences	
Mitsubishi Tanabe Pharma Corp	Japan	Pharmaceuticals, Biotechnology & Life Sciences	Addition
Sumitomo Dainippon Pharma Co Ltd	Japan	Pharmaceuticals, Biotechnology & Life Sciences	
Takeda Pharmaceutical Co Ltd	Japan	Pharmaceuticals, Biotechnology & Life Sciences	
CapitaLand Ltd	Singapore	Real Estate	
City Developments Ltd	Singapore	Real Estate	
Daiwa House Industry Co Ltd	Japan	Real Estate	
Dexus	Australia	Real Estate	
GPT Group	Australia	Real Estate	
Hang Lung Properties Ltd	Hong Kong	Real Estate	
LendLease Group	Australia	Real Estate	
Link REIT	Hong Kong	Real Estate	
Mirvac Group	Australia	Real Estate	
Nippon Prologis REIT Inc	Japan	Real Estate	
Stockland	Australia	Real Estate	
Swire Pacific Ltd	Hong Kong	Real Estate	
Swire Properties Ltd	Hong Kong	Real Estate	

Dow Jones Sustainability Indices In Collaboration with RobecoSAM

Effective as of 24 September 2018

Dow Jones Sustainability Asia Pacific Index

Company	Country	Industry Group	Comment
Tokyu Fudosan Holdings Corp	Japan	Real Estate	
Vicinity Centres	Australia	Real Estate	
Fast Retailing Co Ltd	Japan	Retailing	
Marui Group Co Ltd	Japan	Retailing	
SK Hynix Inc	Republic of Korea	Semiconductors & Semiconductor Equipment	
Tokyo Electron Ltd	Japan	Semiconductors & Semiconductor Equipment	
Fujitsu Ltd	Japan	Software & Services	
Nomura Research Institute Ltd	Japan	Software & Services	
NTT Data Corp	Japan	Software & Services	
Hitachi Ltd	Japan	Technology Hardware & Equipment	
Konica Minolta Inc	Japan	Technology Hardware & Equipment	
LG Display Co Ltd	Republic of Korea	Technology Hardware & Equipment	
Omron Corp	Japan	Technology Hardware & Equipment	
Ricoh Co Ltd	Japan	Technology Hardware & Equipment	Addition
Samsung Electro-Mechanics Co Ltd	Republic of Korea	Technology Hardware & Equipment	
Samsung SDI Co Ltd	Republic of Korea	Technology Hardware & Equipment	
Yokogawa Electric Corp	Japan	Technology Hardware & Equipment	
Nippon Telegraph & Telephone Corp	Japan	Telecommunication Services	
NTT DOCOMO Inc	Japan	Telecommunication Services	
SK Telecom Co Ltd	Republic of Korea	Telecommunication Services	
ANA Holdings Inc	Japan	Transportation	
Auckland International Airport Ltd	New Zealand	Transportation	
Hyundai Glovis Co Ltd	Republic of Korea	Transportation	
Kawasaki Kisen Kaisha Ltd	Japan	Transportation	
Mitsui OSK Lines Ltd	Japan	Transportation	
MTR Corp Ltd	Hong Kong	Transportation	
Nippon Yusen KK	Japan	Transportation	
Sydney Airport	Australia	Transportation	
Transurban Group	Australia	Transportation	
CLP Holdings Ltd	Hong Kong	Utilities	
Kansai Electric Power Co Inc	Japan	Utilities	
Korea Electric Power Corp	Republic of Korea	Utilities	
Korea Gas Corp	Republic of Korea	Utilities	
Meridian Energy Ltd	New Zealand	Utilities	
Osaka Gas Co Ltd	Japan	Utilities	
Power Assets Holdings Ltd	Hong Kong	Utilities	

S&P Dow Jones Indices

A Division of **S&P Global**

ROBECOSAM
We are Sustainability Investing.

General Disclaimer

©2018 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved. S&P, SPDR and S&P 500 are registered trademarks of Standard & Poor's Financial Services LLC, a division of S&P Global ("S&P"). DOW JONES is a registered trademark of Dow Jones Trademark Holdings LLC ("Dow Jones"). These trademarks together with others have been licensed to S&P Dow Jones Indices LLC. Redistribution, reproduction and/or photocopying in whole or in part are prohibited without written permission. This document does not constitute an offer of services in jurisdictions where S&P Dow Jones Indices LLC, Dow Jones, S&P or their respective affiliates (collectively "S&P Dow Jones Indices") do not have the necessary licenses. All information provided by S&P Dow Jones Indices is impersonal and not tailored to the needs of any person, entity or group of persons. S&P Dow Jones Indices receives compensation in connection with licensing its indices to third parties. Past performance of an index is not a guarantee of future results.

It is not possible to invest directly in an index. Exposure to an asset class represented by an index is available through investable instruments based on that index. S&P Dow Jones Indices does not sponsor, endorse, sell, promote or manage any investment fund or other investment vehicle that is offered by third parties and that seeks to provide an investment return based on the performance of any index. S&P Dow Jones Indices makes no assurance that investment products based on the index will accurately track index performance or provide positive investment returns. S&P Dow Jones Indices LLC is not an investment advisor, and S&P Dow Jones Indices makes no representation regarding the advisability of investing in any such investment fund or other investment vehicle. A decision to invest in any such investment fund or other investment vehicle should not be made in reliance on any of the statements set forth in this document. Prospective investors are advised to make an investment in any such fund or other vehicle only after carefully considering the risks associated with investing in such funds, as detailed in an offering memorandum or similar document that is prepared by or on behalf of the issuer of the investment fund or other investment product or vehicle. S&P Dow Jones Indices LLC is not a tax advisor. A tax advisor should be consulted to evaluate the impact of any tax-exempt securities on portfolios and the tax consequences of making any particular investment decision. Inclusion of a security within an index is not a recommendation by S&P Dow Jones Indices to buy, sell, or hold such security, nor is it considered to be investment advice. Closing prices for S&P Dow Jones Indices' US benchmark indices are calculated by S&P Dow Jones Indices based on the closing price of the individual constituents of the index as set by their primary exchange. Closing prices are received by S&P Dow Jones Indices from one of its third party vendors and verified by comparing them with prices from an alternative vendor. The vendors receive the closing price from the primary exchanges. Real-time intraday prices are calculated similarly without a second verification.

These materials have been prepared solely for informational purposes based upon information generally available to the public and from sources believed to be reliable. No content contained in these materials (including index data, ratings, credit-related analyses and data, research, valuations, model, software or other application or output therefrom) or any part thereof ("Content") may be modified, reverse-engineered, reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without the prior written permission of S&P Dow Jones Indices. The Content shall not be used for any unlawful or unauthorized purposes. S&P Dow Jones Indices and its third-party data providers and licensors (collectively "S&P Dow Jones Indices Parties") do not guarantee the accuracy, completeness, timeliness or availability of the Content. S&P Dow Jones Indices Parties are not responsible for any errors or omissions, regardless of the cause, for the results obtained from the use of the Content. THE CONTENT IS PROVIDED ON AN "AS IS" BASIS. S&P DOW JONES INDICES PARTIES DISCLAIM ANY AND ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, FREEDOM FROM ERRORS OR DEFECTS. In no event shall S&P Dow Jones Indices Parties be liable to any party for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including, without limitation, lost income or lost profits and opportunity costs) in connection with any use of the Content even if advised of the possibility of such damages.

Credit-related information and other analyses, including ratings, research and valuations are generally provided by licensors and/or affiliates of S&P Dow Jones Indices, including but not limited to S&P Global's other divisions such as Standard & Poor's Financial Services LLC and S&P Capital IQ LLC. Any credit-related information and other related analyses and statements in the Content are statements of opinion as of the date they are expressed and not statements of fact. Any opinion, analyses and rating acknowledgement decisions are not recommendations to purchase, hold, or sell any securities or to make any investment decisions, and do not address the suitability of any security. S&P Dow Jones Indices does not assume any obligation to update the Content following publication in any form or format. The Content should not be relied on and is not a substitute for the skill, judgment and experience of the user, its management, employees, advisors and/or clients when making investment and other business decisions. S&P Dow Jones Indices LLC does not act as a fiduciary or an investment advisor. While S&P Dow Jones Indices has obtained information from sources they believe to be reliable, S&P Dow Jones Indices does not perform an audit or undertake any duty of due diligence or independent verification of any information it receives. 57

To the extent that regulatory authorities allow a rating agency to acknowledge in one jurisdiction a rating issued in another jurisdiction for certain regulatory purposes, S&P Global Ratings Services reserves the right to assign, withdraw or suspend such acknowledgement at any time and in its sole discretion. S&P Dow Jones Indices, including S&P Global Ratings Services, disclaim any duty whatsoever arising out of the assignment, withdrawal or suspension of an acknowledgement as well as any liability for any damage alleged to have been suffered on account thereof.

Affiliates of S&P Dow Jones Indices LLC, including S&P Global Ratings Services, may receive compensation for its ratings and certain credit-related analyses, normally from issuers or underwriters of securities or from obligors. Such affiliates of S&P Dow Jones Indices LLC, including S&P Global Ratings Services, reserve the right to disseminate its opinions and analyses. Public ratings and analyses from S&P Global Ratings Services are made available on its Web sites, www.standardandpoors.com (free of charge), and www.ratingsdirect.com and www.globalcreditportal.com (subscription), and may be distributed through other means, including via S&P Global Rating Services publications and third-party redistributors. Additional information about our ratings fees is available at www.standardandpoors.com/usratingsfees.

S&P Global keeps certain activities of its various divisions and business units separate from each other in order to preserve the independence and objectivity of their respective activities. As a result, certain divisions and business units of S&P Global may have information that is not available to other business units. S&P Global has established policies and procedures to maintain the confidentiality of certain non-public information received in connection with each analytical process.

Additional Disclaimer

No warranty: This publication is derived from sources believed to be accurate and reliable, but neither its accuracy nor completeness is guaranteed. The material and information in this publication are provided "as is" and without warranties of any kind, either expressed or implied. RobecoSAM AG and its related, affiliated and subsidiary companies disclaim all warranties, expressed or implied, including, but not limited to, implied warranties of merchantability and fitness for a particular purpose. Any opinions and views in this publication reflect the current judgment of the authors and may change without notice. It is each reader's responsibility to evaluate the accuracy, completeness and usefulness of any opinions, advice, services or other information provided in this publication.

Limitation of liability: All information contained in this publication is distributed with the understanding that the authors, publishers and distributors are not rendering legal, accounting or other professional advice or opinions on specific facts or matters and accordingly assume no liability whatsoever in connection with its use. In no event shall RobecoSAM AG and its related, affiliated and subsidiary companies be liable for any direct, indirect, special, incidental or consequential damages arising out of the use of any opinion or information expressly or implicitly contained in this publication.

Copyright: Unless otherwise noted, text, images and layout of this publication are the exclusive property of RobecoSAM AG and/or its related, affiliated and subsidiary companies and may not be copied or distributed, in whole or in part, without the express written consent of RobecoSAM AG or its related, affiliated and subsidiary companies.

No Offer: The information and opinions contained in this publication constitute neither a solicitation, nor a recommendation, nor an offer to buy or sell investment instruments or other services, or to engage in any other kind of transaction. The information described in this publication is not directed to persons in any jurisdiction where the provision of such information would run counter to local laws and regulation.

Copyright © 2018 RobecoSAM AG