

Second Party Opinions (SPO) rated by Moody's ESG Solutions – Corporates

Issuer	Type of Deliverable	Green/Social/Sustainable	Date	Region
PKN Orlen	SPO	Green	2021	EMEA
AZA	Update	Green	2021	EMEA
ENI	SPO	Sustainability-Linked	2021	EMEA
Rexel CA-CIB	SPO	Sustainability-Linked	2021	EMEA
Verallia	SPO	Sustainability-Linked	2021	EMEA
Natura Cosméticos	SPO	Sustainability-Linked	2021	AMER
Enso Village	SPO	Green	2021	AMER
Ramsay Santé	SPO	Sustainability-Linked	2021	EMEA
Edison	SPO	Green	2021	AMER
Terna	Update	Green	2021	EMEA
Carrefour	SPO	Sustainability-Linked	2021	EMEA
Dafa Land	SPO	Green	2021	APAC
Eagle Environmental Construction Inc.	SPO	Sustainable	2021	AMER
Nomura Real Estate Holdings	SPO	Sustainable	2021	APAC
SK hynix	SPO	Green	2021	APAC
Enel	Update	Sustainability-Linked	2021	EMEA
Toyota	SPO	Sustainable	2021	APAC
Iberdrola	Update	Green	2021	EMEA
Itochu Corporation	SPO	Sustainable	2021	APAC
PT Japfa	SPO	Sustainability-Linked	2021	APAC
Nomura Research Institute	SPO	Sustainability-Linked	2021	APAC
Royal Schiphol Group	CBI	Green	2020	EMEA
Enel Green Power	CBI	Green	2020	EMEA

Issuer	Type of Deliverable	Green/Social/Sustainable	Date	Region
Eurogrid	SPO+CBI	Green	2020	EMEA
Avangrid	SPO	Green	2020	AMER
Cofinimmo	Update	Sustainable	2020	EMEA
Beijing enterprises holdings limited	SPO	Green	2020	APAC
Vestel	SPO	Green	2020	EMEA
Royal Schiphol Group	Update	Green	2020	EMEA
Hyundai Heavy Industries Co. Ltd	SPO	Green	2020	APAC
Cobra Group	CBI	Green	2020	EMEA
ENN Energy Holdings Limited	SPO	Green	2020	APAC
Syctom	SPO	Green	2020	EMEA
Precious Shipping	SPO	Green	2020	APAC
Iberdrola	Review	Green	2020	EMEA
Orange	SPO	Sustainable	2020	EMEA
Audax Renovables	SPO	Green	2020	EMEA
AES Tietê Energia	CBI	Green	2020	AMER
Neoen	SPO	Green	2020	EMEA
Vinci	SPO	Green	2020	EMEA
Vena Energy Company	Update	Green	2020	APAC
Foncière INEA	SPO	Green	2020	EMEA
Fotowatio Renewable Ventures FRV	CBI	Green	2020	EMEA
AEDIFICA	SPO	Sustainable	2020	EMEA
ERG	Review	Green	2020	EMEA
Tokyu Corporation	SPO	Sustainable	2020	APAC
Arkema	SPO	Green	2020	EMEA
Forestfinance Capital	SPO	Green	2020	EMEA
Etihad Airlines	SPO	Green	2020	EMEA
Vinci	SPO	Green	2020	EMEA
NRG Energy	SPO	Sustainability-Linked	2020	AMER
Schneider Electric	SPO	Sustainability-Linked	2020	EMEA

Issuer	Type of Deliverable	Green/Social/Sustainable	Date	Region
Japan Finance Organization for Municipalities	Review	Green	2020	APAC
Grupo Pikolin	SPO	Sustainability-Linked	2020	EMEA
Aguas Andinas	SPO	Sustainable	2019	AMER
Terna	SPO	Green	2019	EMEA
ATR	SPO	Green	2019	EMEA
Atlantic Copper	SPO	Green	2019	EMEA
ICAMAP / ICAWOOD	SPO	Green	2019	EMEA
Esva	SPO	Sustainable	2019	AMER
Terna	SPO	Green	2019	EMEA
Akfen Renewable Energy	SPO	Green	2019	EMEA
Iberdrola	SPO	Green	2019	EMEA
ERG	SPO	Green	2019	EMEA
Iberdrola	SPO	Green	2019	EMEA
AZA	SPO	Green	2019	EMEA
Marfrig	SPO	Green	2019	AMER
Banistmo	SPO	Social	2019	AMER
Greenergy	SPO	Green	2019	EMEA
Covivio	SPO	Green	2019	EMEA
DC Water	SPO	Green	2019	AMER
Cofide	SPO	Sustainable	2019	AMER
Arthaland	SPO	Green	2019	APAC
Ceetrus	SPO	Green	2019	EMEA
H-Line Shipping	SPO	Green	2019	APAC
Mitsui OSK Lines	SPO	Green	2019	APAC
EDF	SPO	Green	2019	EMEA
REDEN Solar	SPO	Green	2019	EMEA
Nexity	SPO	Green	2019	EMEA
Global EcoPower	SPO	Green	2019	EMEA
Vena Energy	SPO	Green	2019	APAC

Issuer	Type of Deliverable	Green/Social/Sustainable	Date	Region
AES Tiete Energia	CBI	Green	2019	AMER
Eco Securitizadora	CBI	Green	2019	AMER
Bow Power S.L and Envision Energy B.V	CBI	Green	2019	N/A
Rio Energy	CBI	Green	2019	AMER
Neoen	CBI	Green	2019	EMEA
Terna	SPO	Green	2018	EMEA
Omega Energia Renovavel	CBI	Green	2018	AMER
Rio energy	CBI	Green	2018	AMER
ALD Automotive	CBI	Sustainable	2018	EMEA
PEC Energia	CBI	Green	2018	AMER
Rio energy	CBI	Green	2018	AMER
Omega Energia Renovavel (autres projets)	CBI	Green	2018	AMER
Engie	SPO	Green	2018	EMEA
INEA Immobiliere	SPO	Green	2018	EMEA
Enel	SPO	Green	2018	EMEA
Al Omrane	SPO	Sustainable	2018	EMEA
Danone	SPO	Social	2018	EMEA
ACS SCE (Grupo Cobra)	SPO	Green	2018	EMEA
Paprec	SPO	Green	2018	EMEA
Iberdrola (Scottish Power Renewables)	SPO	Green	2018	EMEA
Aguas Andinas	SPO	Sustainable	2018	AMER
Iberdrola	SPO	Green	2018	AMER
Nippon Yusen Kabushiki Kaisha (NYK)	SPO	Green	2018	APAC
Iberdrola (Scottish Power Renewables)	SPO	Green	2018	EMEA
Casablanca Finance City Authority	SPO	Green	2018	EMEA
Zug Estates	SPO	Green	2018	EMEA
Korea Hydro & Nuclear Power	SPO	Green	2018	APAC
Jasso	SPO	Social	2018	APAC
ALD Automotive	SPO+CBI	Sustainable	2018	EMEA
Lisea	SPO	Green	2018	EMEA

Issuer	Type of Deliverable	Green/Social/Sustainable	Date	Region
Sumitomo Forestry Co., Ltd	SPO	Green	2018	APAC
Mitsui OSK Lines	SPO	Green	2018	APAC
Caja de Compensacion los Heroes	SPO	Social	2018	AMER
Ores	SPO	Green	2018	EMEA
Engie	SPO	Green	2018	EMEA
Royal Schiphol Group	SPO+CBI	Green	2018	EMEA
Quantum Pacific Shipping	SPO	Green	2018	APAC
Compagnie de Phalbourg	SPO	Green	2018	EMEA
Co-Op	SPO	Sustainable	2018	EMEA
Greenalia	SPO	Green	2018	EMEA
Enel	SPO	Green	2018	EMEA
South East Water	SPO	Sustainable	2018	EMEA
Enel	SPO	Green	2017	EMEA
CPFL Renováveis	CBI	Green	2017	AMER
Enel Green Power	CBI	Green	2017	EMEA
Omega Energia Renovavel	CBI	Green	2017	AMER
Rio energy	CBI	Green	2017	AMER
Omega Energia Renovavel (autres projets)	CBI	Green	2017	AMER
PEC Energia	CBI	Green	2017	AMER
EDF	SPO	Green	2017	EMEA
Iberdrola Green Loan	SPO	Green	2017	EMEA
Engie	SPO	Green	2017	EMEA
Paprec	SPO	Green	2017	EMEA
Iberdrola	SPO	Green	2017	EMEA
Repsol	SPO	Green	2017	EMEA
Acciona (Green Loan)	SPO	Green	2017	EMEA
RATP	SPO	Green	2017	EMEA
Helvetia Environnement Groupe SA	SPO	Green	2017	EMEA
Acciona (Green Floating Rate Note)	SPO	Green	2017	EMEA

Issuer	Type of Deliverable	Green/Social/Sustainable	Date	Region
Iberdrola	SPO	Green	2017	EMEA
CPFL Renováveis	CBI	Green	2017	AMER
Engie	SPO	Green	2017	EMEA
Natixis	SPO	Green	2017	EMEA
Gas Natural Fenosa	SPO	Green	2017	EMEA
Avangrid	SPO	Green	2017	AMER
Iberdrola	SPO	Green	2017	EMEA
Neoen	SPO	Green	2017	EMEA
Cofinimmo	Review	Sustainable	2017	EMEA
FRIESLANDCAMPINA (Green Schuldschein)	SPO	Sustainable	2016	EMEA
Iberdrola	SPO	Green	2016	EMEA
Foncière des Régions	SPO	Green	2016	EMEA
Iberdrola	SPO	Green	2016	EMEA
Nomura Research Institute	SPO	Green	2016	APAC
Acciona (Green Schuldschein)	SPO	Green	2016	EMEA
EDF	SPO	Green	2016	EMEA
Acciona(PP)	SPO	Green	2016	EMEA
Iberdrola	SPO	Green	2016	EMEA
Elazig (Meridiam Ronésans)	SPO	Sustainable	2016	EMEA
Cofinimmo	SPO	Sustainable	2016	EMEA
Paprec	SPO	Green	2015	EMEA
Unibail-Rodamco	SPO	Green	2015	EMEA
EDF	Review	Green	2015	EMEA
Schneider Electric	SPO	Green	2015	EMEA
Engie	SPO	Green	2014	EMEA
Abengoa Greenfield	SPO	Green	2014	EMEA

© 2021 Moody's Corporation, Moody's Investors Service, Inc., Moody's Analytics, Inc., Four Twenty Seven, Inc., Vigeo SAS and/or their licensors and affiliates (collectively, "MOODY'S"). All rights reserved.

CREDIT RATINGS ISSUED BY MOODY'S CREDIT RATINGS AFFILIATES ARE THEIR CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES, AND MATERIALS, PRODUCTS, SERVICES AND INFORMATION PUBLISHED BY MOODY'S (COLLECTIVELY, "PUBLICATIONS") MAY INCLUDE SUCH CURRENT OPINIONS. MOODY'S DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT OR IMPAIRMENT. SEE APPLICABLE MOODY'S RATING SYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSED BY MOODY'S CREDIT RATINGS. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS, NON-CREDIT ASSESSMENTS ("ASSESSMENTS"), AND OTHER OPINIONS INCLUDED IN MOODY'S PUBLICATIONS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S PUBLICATIONS MAY ALSO INCLUDE QUANTITATIVE MODEL-BASED ESTIMATES OF CREDIT RISK AND RELATED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S ANALYTICS, INC. AND/OR ITS AFFILIATES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS DO NOT COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR ANY PARTICULAR INVESTOR. MOODY'S ISSUES ITS CREDIT RATINGS, ASSESSMENTS AND OTHER OPINIONS AND PUBLISHES ITS PUBLICATIONS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL, WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE.

V.E. provides its customers with data, information, research, analyses, reports, quantitative model-based scores, assessments and/or other opinions (collectively, "V.E.'s Research") with respect to the environmental, social and/or governance ("ESG") attributes and/or performance of individual issuers or with respect to sectors, activities, regions, stakeholders, states or specific themes. Four Twenty Seven provides its customers with data, analytics and other solutions (collectively, "Four Twenty Seven's Research") with respect to the physical climate and environmental risks associated with individual facilities, individual issuers, sectors and geographical boundaries.

V.E.'S RESEARCH AND FOUR TWENTY SEVEN'S RESEARCH DOES NOT ADDRESS NON-ESG FACTORS AND/OR RISKS, INCLUDING BUT NOT LIMITED TO: CREDIT RISK, LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. V.E.'S RESEARCH AND FOUR TWENTY SEVEN'S RESEARCH DOES NOT CONSTITUTE STATEMENTS OF CURRENT OR HISTORICAL FACT. V.E.'S RESEARCH AND FOUR TWENTY SEVEN'S RESEARCH: (i) DOES NOT CONSTITUTE OR PROVIDE CREDIT RATINGS OR INVESTMENT OR FINANCIAL ADVICE; (ii) IS NOT AND DOES NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES; AND (iii) DOES NOT COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR ANY PARTICULAR INVESTOR. V.E AND FOUR TWENTY SEVEN ISSUES ITS RESEARCH WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL, WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS, AND PUBLICATIONS AND FOUR TWENTY SEVEN'S RESEARCH AND V.E.'S RESEARCH ARE NOT INTENDED FOR USE BY RETAIL INVESTORS AND IT WOULD BE RECKLESS AND INAPPROPRIATE FOR RETAIL INVESTORS TO USE MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS OR PUBLICATIONS OR FOUR TWENTY SEVEN'S RESEARCH OR V.E.'S RESEARCH WHEN MAKING AN INVESTMENT DECISION. IF IN DOUBT YOU SHOULD CONTACT YOUR FINANCIAL OR OTHER PROFESSIONAL ADVISER.

ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS AND FOUR TWENTY SEVEN'S RESEARCH AND V.E.'S RESEARCH ARE NOT INTENDED FOR USE BY ANY PERSON AS A BENCHMARK AS THAT TERM IS DEFINED FOR REGULATORY PURPOSES AND MUST NOT BE USED IN ANY WAY THAT COULD RESULT IN THEM BEING CONSIDERED A BENCHMARK.

All information contained herein is obtained by MOODY'S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY'S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the rating process or in preparing its Publications or Four Twenty Seven's Research or V.E.'s Research.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability to any person or entity for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers is advised in advance of the possibility of such losses or damages, including but not limited to: (a) any loss of present or prospective profits or (b) any loss or damage arising where the relevant financial instrument is not the subject of a particular credit rating assigned by MOODY'S.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability for any direct or compensatory losses or damages caused to any person or entity, including but not limited to by any negligence (but excluding fraud, willful misconduct or any other type of liability that, for the avoidance of doubt, by law cannot be excluded) on the part of, or any contingency within or beyond the control of, MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers, arising from or in connection with the information contained herein or the use of or inability to use any such information.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY CREDIT RATING, ASSESSMENT, OTHER OPINION OR INFORMATION OR RESEARCH IS GIVEN OR MADE BY MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

[Moody's Investors Service, Inc., a wholly-owned credit rating agency subsidiary of Moody's Corporation \("MCO"\), hereby discloses that most issuers of debt securities \(including corporate and municipal bonds, debentures, notes and commercial paper\) and preferred stock rated by Moody's Investors Service, Inc. have, prior to assignment of any credit rating, agreed to pay to Moody's Investors Service, Inc. for credit ratings opinions and services rendered by it fees ranging from \\$1,000 to approximately \\$5,000,000. MCO and Moody's Investors Service also maintain policies and procedures to address the independence of Moody's Investors Service credit ratings and credit rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold credit ratings from Moody's Investors Service and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at \[www.moody.com\]\(http://www.moody.com\) under the heading "Investor Relations — Corporate Governance — Director and Shareholder Affiliation Policy."](#)

Additional terms for Australia only: Any publication into Australia of this document is pursuant to the Australian Financial Services License of MOODY'S affiliate, Moody's Investors Service Pty Limited ABN 61 003 399 657AFSL 336969 and/or Moody's Analytics Australia Pty Ltd ABN 94 105 136 972 AFSL 383569 (as applicable). This document is intended to be provided only to "wholesale clients" within the meaning of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY'S that you are, or are accessing the document as a representative of, a "wholesale client" and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to "retail clients" within the meaning of section 761G of the Corporations Act 2001. MOODY'S credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer, not on the equity securities of the issuer or any form of security that is available to retail investors.

Additional terms for Japan only: Moody's Japan K.K. ("MJKK") is a wholly-owned credit rating agency subsidiary of Moody's Group Japan G.K., which is wholly-owned by Moody's Overseas Holdings Inc., a wholly-owned subsidiary of MCO. Moody's SF Japan K.K. ("MSFJ") is a wholly-owned credit rating agency subsidiary of MJKK. MSFJ is not a Nationally Recognized Statistical Rating Organization ("NRSRO"). Therefore, credit ratings assigned by MSFJ are Non-NRSRO Credit Ratings. Non-NRSRO Credit Ratings are assigned by an entity that is not a NRSRO and, consequently, the rated obligation will not qualify for certain types of treatment under U.S. laws. MJKK and MSFJ are credit rating agencies registered with the Japan Financial Services Agency and their registration numbers are FSA Commissioner (Ratings) No. 2 and 3 respectively.

MJKK or MSFJ (as applicable) hereby disclose that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by MJKK or MSFJ (as applicable) have, prior to assignment of any credit rating, agreed to pay to MJKK or MSFJ (as applicable) for credit ratings opinions and services rendered by it fees ranging from JPY125,000 to approximately JPY550,000,000.

MJKK and MSFJ also maintain policies and procedures to address Japanese regulatory requirements.

Additional terms For PRC only: Any Second Party Opinion or other opinion issued by V.E.: (1) does not constitute a PRC Green Bond Assessment as defined under any relevant PRC laws or regulations; (2) cannot be included in any registration statement, offering circular, prospectus or any other documents submitted to the PRC regulatory authorities or otherwise used to satisfy any PRC regulatory disclosure requirement; and (3) cannot be used within the PRC for any regulatory purpose or for any other purpose which is not permitted under relevant PRC laws or regulations. For the purposes of this disclaimer, "PRC" refers to the mainland of the People's Republic of China, excluding Hong Kong, Macau and Taiwan.