PIMCO CORPORATE & INCOME OPPORTUNITY FUND Form POS 8C May 14, 2018 Table of Contents

As filed with the Securities and Exchange Commission on May 11, 2018

1933 Act File No. 333- 215581

1940 Act File No. 811- 21238

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM N-2

(Check appropriate box or boxes)

[X] REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

[] Pre-Effective Amendment No.

[X] Post-Effective Amendment No. 3

and

[X] REGISTRATION STATEMENT UNDER THE INVESTMENT COMPANY ACT OF 1940

[X] Amendment No. 11

PIMCO CORPORATE & INCOME OPPORTUNITY FUND

(Exact Name of Registrant as Specified in Charter)

1633 Broadway

New York, New York 10019

(Address of Principal Executive Offices)

(Number, Street, City, State, Zip Code)

(844) 337-4626

(Registrant s Telephone Number, including Area Code)

Joshua D. Ratner

c/o Pacific Investment Management Company LLC

1633 Broadway

New York, New York 10019

(Name and Address (Number, Street, City, State, Zip Code) of Agent for Service)

Copies of Communications to:

David C. Sullivan, Esq.

Ropes & Gray LLP

Prudential Tower, 800 Boylston Street

Boston, Massachusetts 02199

Approximate Date of Proposed Public Offering:

From time to time after the effective date of this Registration Statement

If any securities being registered on this form will be offered on a delayed or continuous basis in reliance on Rule 415 under the Securities Act of 1933, other than securities offered in connection with a dividend reinvestment plan, check the following box [X].

It is proposed that this filing will become effective (check appropriate box):

[X] When declared effective pursuant to Section 8(c).

The registrant hereby amends this Registration Statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment that specifically states that this Registration Statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until this Registration Statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

Base Prospectus

The information in this prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

Neither the U.S. Securities and Exchange Commission nor the U.S. Commodity Futures Trading Commission has approved or disapproved these securities, or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

Subject to Completion dated May 11, 2018

Common Shares PTY

PIMCO Corporate & Income Opportunity Fund

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PIMCO Corporate & Income Opportunity Fund

PIMCO Corporate & Income Opportunity Fund (the "Fund") is a diversified, closed-end management investment company that commenced operations on December 27, 2002, following the initial public offering of its common shares.

Investment Objective. The Fund's investment objective is to seek maximum total return through a combination of current income and capital appreciation.

Investment Strategy. The Fund seeks to achieve its investment objective by utilizing a dynamic asset allocation strategy that focuses on duration management, credit quality analysis, risk management techniques and broad diversification among issuers, industries and sectors. The Fund normally invests in a portfolio that consists primarily of corporate debt obligations of varying maturities, other corporate income-producing securities, and income-producing securities of non-corporate issuers. On behalf of the Fund, Pacific Investment Management Company LLC, the Fund's investment manager ("PIMCO" or the "Investment Manager") employs an active approach to allocation among multiple fixed-income sectors based on, among other things, market conditions, valuation assessments and economic outlook, credit market trends and other economic factors. The Fund focuses on seeking the best income generating investment ideas across multiple fixed income sectors, with an emphasis on seeking opportunities in developed and emerging global credit markets.

Under normal circumstances, the Fund will have a short to intermediate average portfolio duration (i.e., within a zero to eight year range), as calculated by the Investment Manager, although it may be shorter or longer at any time or from time to time depending on market conditions and other factors. PIMCO believes that maintaining duration within this range offers flexibility and the opportunity for above-average returns while potentially limiting exposure to interest rate volatility and related risks.

Portfolio Contents. Under normal market conditions, the Fund seeks to achieve its investment objective by investing at least 80% of its total assets in a combination of corporate debt obligations of varying maturities, other corporate income-producing securities, and income-producing securities of non-corporate issuers, such as U.S. Government securities, municipal securities and mortgage-backed and other asset-backed securities issued on a public or private basis (the "80% Policy"). Corporate income-producing securities include fixed-, variable- and floating-rate bonds, debentures, notes and other similar types of corporate debt instruments, such as preferred shares, convertible securities, bank loans and loan participations and assignments, payment-in-kind securities, zero-coupon bonds, bank certificates of deposit, fixed time deposits and bankers' acceptances, stressed debt securities, structured notes and other hybrid instruments. The Fund normally invests at least 25% of its total assets in corporate debt obligations and other corporate income-producing securities. The Fund may invest in investment grade debt securities and below investment grade debt securities (commonly referred to as "high yield" securities or "junk bonds"), including securities of stressed issuers. The Fund may invest up to 25% of its total assets (measured at the time of investment) in non-U.S. dollar denominated securities (of both developed and "emerging market" countries). The Fund may invest without limit in investment grade sovereign debt denominated in the relevant country's local currency with less than 1 year remaining to maturity ("short-term investment grade sovereign debt"), including short-term investment grade sovereign debt issued by emerging market issuers. The Fund may invest up to 40% of its total assets in securities and instruments that are economically tied to "emerging market" countries other than investments in short-term investment grade sovereign debt issued by emerging market issuers, where as noted above there is no limit. The Fund may also invest directly in foreign currencies, including local emerging market currencies.

The Fund may invest up to 20% of its total assets in common stocks and other equity securities from time to time, including those it has received through the conversion of a convertible security held by the Fund or in connection with the restructuring of a debt security.

The Fund may, but is not required to, utilize various derivative strategies (both long and short positions) involving the purchase or sale of futures and forward contracts (including foreign currency exchange contracts), call and put options, credit default swaps, total return swaps, basis swaps and other swap agreements and other derivative instruments for investment purposes, leveraging purposes or in an attempt to hedge against market, credit, interest rate, currency and other risks in the portfolio. The Fund may purchase and sell securities on a when-issued, delayed delivery or forward commitment basis and may engage in short sales.

The Fund will not normally invest more than 20% of its total assets in debt instruments, other than mortgage-related and other asset-backed securities, that are, at the time of purchase, rated CCC or lower by S&P and Fitch and Caa1 or lower by Moody's, or that are unrated but determined by PIMCO to be of comparable quality. The Fund may invest without limit in mortgage-related and other asset-backed securities regardless of rating—i.e., of any credit quality.

The Fund may invest in securities that have not been registered for public sale in the U.S. or relevant non-U.S. jurisdictions, including without limit securities eligible for purchase and sale pursuant to Rule 144A under the Securities Act of 1933, as amended (the "1933 Act"), or relevant provisions of applicable non-U.S. law, and other securities issued in private placements. The Fund may also invest in securities of other open- and closed-end investment companies, including, without limit, exchange-traded funds ("ETFs"), and may invest in foreign ETFs. The Fund may invest in real estate investment trusts ("REITs"). The Fund may invest in securities of companies with any market capitalization, including small and medium capitalizations.

The Fund may invest up to 20% of its total assets in illiquid securities (i.e., securities that the Fund reasonably expects cannot be sold or disposed of in current market conditions in seven calendar days or less without the sale or disposition significantly changing the market value of the security).

Leverage. The Fund utilizes leverage through its outstanding auction rate preferred shares ("ARPS" and, together with any other preferred shares the Fund may have outstanding, "Preferred Shares") and may obtain additional leverage through the use of reverse repurchase agreements, dollar rolls or borrowings, such as through bank loans or commercial paper and/or other credit facilities. The Fund may also enter into transactions other than those noted above that may give rise to a form of leverage including, among others, credit default swaps, futures and forward contracts (including foreign currency exchange contracts), total return swaps and other

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PIMCO Corporate & Income Opportunity Fund

derivative transactions, loans of portfolio securities, short sales and when-issued, delayed delivery and forward commitment transactions. Although it has no current intention to do so, the Fund may also determine to issue other types of preferred shares. Depending upon market conditions and other factors, the Fund may or may not determine to add leverage following an offering to maintain or increase the total amount of leverage (as a percentage of the Fund's total assets) that the Fund currently maintains, taking into account the additional assets raised through the issuance of Common Shares in such offering. The Fund utilizes certain kinds of leverage, such as reverse repurchase agreements and credit default swaps, opportunistically and may choose to increase or decrease, or eliminate entirely, its use of such leverage over time and from time to time based on PIMCO's assessment of the yield curve environment, interest rate trends, market conditions and other factors. The Fund may also determine to decrease the leverage it currently maintains through its outstanding Preferred Shares through Preferred Share redemptions or tender offers and may or may not determine to replace such leverage through other sources. If the Fund determines to add leverage following an offering, it is not possible to predict with accuracy the precise amount of leverage that would be added, in part because it is not possible to predict the number of Common Shares that ultimately will be sold in an offering or series of offerings. To the extent that the Fund does not add additional leverage following an offering, the Fund's total amount of leverage as a percentage of its total assets will decrease, which could result in a reduction of investment income available for distribution to holders of the Fund's Common Shares ("Common Shareholders"). The Fund will not incur leverage (including through preferred shares and other forms of leverage) in an amount exceeding 50% of its total assets. Leveraging is a speculative technique and there are special risks and costs involved. There can be no assurance that a leveraging strategy will be used or that it will be successful during any period in which it is employed. See "Use of Leverage" and "Principal Risks of the Fund-Leverage Risk"

This prospectus is part of a registration statement that the Fund has filed with the U.S. Securities and Exchange Commission (the "SEC"), using the "shelf" registration process. The Fund may offer, from time to time, in one or more offerings, up to \$229,680,000 of the Common Shares on terms to be determined at the time of the offering. This prospectus provides you with a general description of the Common Shares that the Fund may offer. Each time the Fund uses this prospectus to offer Common Shares, the Fund will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus. You should read this prospectus and the applicable prospectus supplement, which contain important information about the Fund, carefully before you invest in the Common Shares. Common Shares may be offered directly to one or more purchasers, through agents designated from time to time by the Fund, or to or through underwriters or dealers. The prospectus supplement relating to an offering will identify any agents, underwriters or dealers involved in the sale of Common Shares, and will set forth any applicable purchase price, fee, commission or discount arrangement between the Fund and its agents or underwriters, or among the Fund's underwriters, or the basis upon which such amount may be calculated. See "Plan of Distribution." The Fund may not sell any Common Shares through agents, underwriters or dealers without delivery or deemed delivery of a prospectus supplement describing the method and terms of the particular offering of the Common Shares. You should retain this prospectus and any prospectus supplement for future reference. A Statement of Additional Information, dated [], 2018, containing additional information about the Fund has been filed with the SEC and is incorporated by reference in its entirety into this prospectus. You can review the table of contents of the Statement of Additional Information on page 91 of this prospectus. You may request a free copy of the Statement of Additional Information, request the Fund's most recent annual and semiannual reports, request information about the Fund and make shareholder inquiries by calling toll-free (844)-337-4626 or by writing to the Fund at c/o Pacific Investment Management Company LLC, 1633 Broadway, New York, New York 10019. You may also obtain a copy of the Statement of Additional Information (and other information regarding the Fund) from the SEC's Public Reference Room in Washington, D.C. by calling (202) 551-8090. The SEC charges a fee for copies. The Fund's Statement of Additional Information and most recent annual and semiannual reports are available, free of charge, on the Fund's website (http://www.pimco.com). You can obtain the same information, free of charge, from the SEC's website (http://www.sec.gov).

The Common Shares do not represent a deposit or obligation of, and are not guaranteed or endorsed by, any bank or other insured depository institution, and are not federally insured by the Federal Deposit Insurance Corporation, the Federal Reserve Board or any other government agency.

You should rely only on the information contained or incorporated by reference in this prospectus. The Fund has not authorized anyone to provide you with inconsistent information. If anyone provides you with inconsistent information, you should not assume that the Fund has authorized or verified it. The Fund is not making an offer of these securities in any state where the offer is not permitted. You should not assume that the information contained in this prospectus is accurate as of any date other than the date on the front of this prospectus. The Fund's business, financial condition, results of operations and prospects may have changed since that date.

The Fund's common shares (the "Common Shares") are listed on the New York Stock Exchange ("NYSE") under the symbol "PTY." The last reported sale price of the Common Shares, as reported by the NYSE on January 31, 2018, was \$16.43 per Common Share. The net asset value ("NAV") of the Common Shares at the close of business on January 31, 2018, was \$15.03 per Common Share.

Investment in the Fund's common shares involves substantial risks arising from, among other strategies, the Fund's ability to invest in debt instruments that are, at the time of purchase, rated below investment grade (below Baa3 by Moody's Investors Service, Inc. ("Moody's") or below BBB- by either S&P Global Ratings, a division of S&P Global Inc. ("S&P"), or Fitch, Inc. ("Fitch")) or unrated but determined by PIMCO to be of comparable quality, the Fund's exposure to foreign and emerging markets securities and currencies and to mortgage-related and other asset-backed securities, and the Fund's use of leverage. Debt securities of below investment grade quality are regarded as having predominantly speculative characteristics

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Prospectus

with respect to capacity to pay interest and to repay principal, and are commonly referred to as "high yield" securities or "junk bonds." The Fund's exposure to foreign securities and currencies, and particularly to emerging markets securities and currencies, involves special risks, including foreign currency risk and the risk that the securities may decline in response to unfavorable political and legal developments, unreliable or untimely information or economic and financial instability. Mortgage-related and other asset-backed securities are subject to extension and prepayment risk and often have complicated structures that make them difficult to value. Because of the risks associated with investing in high yield securities, foreign and emerging market securities (and related exposure to foreign currencies) and mortgage-related and other asset-backed securities in the Fund should be considered speculative. Before investing in the Common Shares, you should read the discussion of the principal risks of investing in the Fund in "Principal Risks of the Fund." Certain of these risks are summarized in "Prospectus Summary—Principa Risks of the Fund." The Fund cannot assure you that it will achieve its investment objective, and you could lose all of your investment in the Fund.

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PIMCO Corporate & Income Opportunity Fund

Prospectus Summary

This is only a summary. This summary may not contain all of the information that you should consider before investing in the Fund's common shares of beneficial interest (the "Common Shares"). You should review the more detailed information contained in this prospectus and in any related prospectus supplement and in the Statement of Additional Information, especially the information set forth under the heading "Principal Risks of the Fund."

The Fund

PIMCO Corporate & Income Opportunity Fund (the "Fund") is a diversified, closed-end management investment company. The Fund commenced operations on December 27, 2002, following the initial public offering of its Common Shares. Effective February 1, 2012, the Fund changed its name from PIMCO Corporate Opportunity Fund to its current name, PIMCO Corporate & Income Opportunity Fund.

The Common Shares are listed on the New York Stock Exchange ("NYSE") under the symbol "PTY." As of January 31, 2018, the net assets of the Fund attributable to Common Shares were \$1,217,573,672 and the Fund had outstanding 81,003,790 Common Shares and 9,518 auction rate preferred shares of beneficial interest ("ARPS" and, together with any other preferred shares issued by the Fund, "Preferred Shares"). The last reported sale price of the Common Shares, as reported by the NYSE on January 31, 2018, was \$16.43 per Common Share. The net asset value ("NAV") of the Common Shares at the close of business on January 31, 2018, was \$15.03 per Common Share. See "Description of Capital Structure."

The Offering

The Fund may offer, from time to time, in one or more offerings, up to \$229,680,000 of the Common Shares on terms to be determined at the time of the offering. The Common Shares may be offered at prices and on terms to be set forth in one or more prospectus supplements. You should read this prospectus and the applicable prospectus supplement carefully before you invest in the Common Shares. Common Shares may be offered directly to one or more purchasers, through agents designated from time to time by the Fund, or to or through underwriters or dealers. The prospectus supplement relating to an offering will identify any agents, underwriters or dealers involved in the sale of Common Shares, and will set forth any applicable purchase price, fee, commission or discount arrangement between the Fund and its agents or underwriters, or among the Fund's underwriters, or the basis upon which such amount may be calculated. See "Plan of Distribution." The Fund may not sell any Common Shares through agents, underwriters or dealers without delivery or deemed delivery of a prospectus supplement describing the method and terms of the particular offering of the Common Shares.

Use of Proceeds

The net proceeds of an offering will be invested in accordance with the Fund's investment objective and policies as set forth below. It is currently anticipated that the Fund will be able to invest substantially all of the net proceeds of an offering in accordance with its investment objective and policies within approximately 30 days of receipt by the Fund, depending on the amount and timing of proceeds available to the Fund as well as the availability of investments consistent with the Fund's investment objective and policies, and except to the extent proceeds are held in cash to pay dividends or expenses, or for temporary defensive purposes. See "Use of Proceeds."

Investment Objective and Policies

The Fund's investment objective is to seek maximum total return through a combination of current income and capital appreciation. The Fund will seek to achieve its investment objective by utilizing a dynamic asset allocation strategy among multiple fixed-income sectors in the global credit markets, including corporate debt (including, among other things, fixed-, variable- and floating-rate bonds, bank loans, convertible securities and stressed debt securities issued by U.S. or foreign (non-U.S.) corporations or other

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business entities, including emerging market issuers), mortgage-related and other asset-backed securities, government and sovereign debt, taxable municipal bonds and other fixed-, variable- and floating-rate income-producing securities of U.S. and foreign issuers, including emerging market issuers. The Fund may invest in investment grade debt securities and below investment grade debt securities (commonly referred to as "high yield" securities or "junk bonds"), including securities of stressed issuers. The types of securities and instruments in which the Fund may invest are summarized under "Portfolio Contents" below. The Fund cannot assure you that it will achieve its investment objective, and you could lose all of your investment in the Fund.

Portfolio Management Strategies

Dynamic Allocation Strategy. On behalf of the Fund, the Fund's investment manager, Pacific Investment Management Company LLC ("PIMCO" or the "Investment Manager"), employs an active approach to allocation among multiple fixed income sectors based on, among other things, market conditions, valuation assessments, economic outlook, credit market trends and other economic factors. With PIMCO's macroeconomic analysis as the basis for top-down investment decisions, including geographic and credit sector emphasis, the Fund focuses on seeking the best income generating investment ideas across multiple fixed income sectors, with an emphasis on seeking opportunities in developed and emerging global credit markets. PIMCO may choose to focus on particular countries/regions (e.g., U.S. vs. foreign), asset classes, industries and sectors to the exclusion of others at any time and from time to time based on market conditions and other factors. The relative value assessment within fixed-income sectors draws on PIMCO's regional and sector specialist expertise. The Fund will observe various investment guidelines as summarized below.

Investment Selection Strategies. Once the Fund's top-down, portfolio positioning decisions have been made as described above, PIMCO selects particular investments for the Fund by employing a bottom-up, disciplined credit approach which is driven by fundamental, independent research within each sector/asset class represented in the Fund, with a focus on identifying securities and other instruments with solid and/or improving fundamentals.

PIMCO Corporate & Income Opportunity Fund | PROSPECTUS 4

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Prospectus

PIMCO utilizes strategies that focus on credit quality analysis, duration management and other risk management techniques. PIMCO attempts to identify, through fundamental research driven by independent credit analysis and proprietary analytical tools, debt obligations and other income-producing securities that provide current income and/or opportunities for capital appreciation based on its analysis of the issuer's credit characteristics and the position of the security in the issuer's capital structure.

Consideration of yield is only one component of the portfolio managers' approach in managing the Fund. PIMCO also attempts to identify investments that may appreciate in value based on PIMCO's assessment of the issuer's credit characteristics, forecast for interest rates and outlook for particular countries/regions, currencies, industries, sectors and the global economy and bond markets generally.

Credit Quality. The Fund may invest in debt instruments that are, at the time of purchase, rated below investment grade, or unrated but determined by PIMCO to be of comparable quality. The Fund will not normally invest more than 20% of its total assets in debt instruments, other than mortgage-related and other asset-backed securities, that are, at the time of purchase, rated CCC or lower by S& P Global Ratings ("S&P") and Fitch, Inc. ("Fitch") and Caa1 or lower by Moody's Investors Services Inc. ("Moody's"), or that are unrated but determined by PIMCO to be of comparable quality to securities so rated. The Fund may invest without limit in mortgage-related and other asset-backed securities regardless of rating (i.e., of any credit quality). Subject to this 20% restriction, the Fund may invest in issuers of any credit guality (including bonds in the lowest ratings categories) if PIMCO determines that the particular obligation is undervalued or offers an attractive yield relative to its risk profile. The Fund may also invest up to 5% of its total assets in defaulted bonds when PIMCO believes that the issuer's potential revenues and prospects for recovery are favorable, except that the Fund may invest in mortgage-related and other asset-backed securities without regard to this limit, subject to the Fund's other investment policies. For purposes of applying the foregoing policies, in the case of securities with split ratings (i.e., a security receiving two different ratings from two different rating agencies), the Fund will apply the higher of the applicable ratings. Subject to the aforementioned investment restrictions, the Fund may invest in securities of stressed issuers, which include securities at risk of being in default as to the repayment of principal and/or interest at the time of acquisition by the Fund or that are rated in the lower rating categories by one or more nationally recognized statistical rating organizations (for example, Ca or lower by Moody's or CC or lower by S&P or Fitch) or, if unrated, are determined by PIMCO to be of comparable guality. Debt instruments of below investment grade quality are regarded as having predominantly speculative characteristics with respect to capacity to pay interest and to repay principal, and are commonly referred to as "high yield" securities or "junk bonds." Debt instruments in the lowest investment grade category also may be considered to possess some speculative characteristics. The Fund may, for hedging, investment or leveraging purposes, make use of credit default swaps, which are contracts whereby one party makes periodic payments to a counterparty in exchange for the right to receive from the counterparty a payment equal to the par (or other agreed-upon) value of a referenced debt obligation in the event of a default or other credit event by the issuer of the debt obligation. In addition, the Fund's use of credit default swaps and certain other derivative instruments will be limited by the Fund's 20% limit on illiquid investments to the extent they are determined to be illiquid.

Independent Credit Analysis. PIMCO relies primarily on its own analysis of the credit quality and risks associated with individual debt instruments considered for the Fund, rather than relying exclusively on rating agencies or third-party research. The Fund's portfolio managers utilize this information in an attempt to minimize credit risk and to identify issuers, industries or sectors that are undervalued or that offer attractive yields relative to PIMCO's assessment of their credit characteristics. This aspect of PIMCO's capabilities will be particularly important to the extent that the Fund invests in high yield securities and in securities of emerging market issuers.

Duration Management. It is expected that the Fund normally will have a short to intermediate average portfolio duration (i.e., within a zero to eight year (0 to 8) range), as calculated by PIMCO, although it may be shorter or longer at any time or from time to time depending on market conditions and other factors. While the Fund seeks to maintain a short to intermediate average portfolio duration, there is no limit on the maturity or duration of any individual security in which the Fund may invest. PIMCO believes that maintaining duration within this range offers flexibility and the opportunity for above-average returns while potentially limiting exposure to interest rate volatility and related risk. Duration is a measure used to determine the sensitivity of a security's price to

changes in interest rates. The Fund's duration strategy may entail maintaining a negative average portfolio duration from time to time, which would potentially benefit the portfolio in an environment of rising market interest rates, but would generally adversely impact the portfolio in an environment of falling or neutral market interest rates. PIMCO may also utilize certain strategies, including without limit investments in structured notes or interest rate futures contracts or swap, cap, floor or collar transactions, for the purpose of reducing the interest rate sensitivity of the Fund's portfolio, although there is no assurance that it will do so or that such strategies will be successful.

Portfolio Contents

Under normal market conditions, the Fund seeks to achieve its investment objective by investing at least 80% of its total assets in a combination of corporate debt obligations of varying maturities, other corporate income-producing securities, and income-producing securities of non-corporate issuers, such as U.S. Government securities, municipal securities and mortgage-backed and other asset-backed securities issued on a public or private basis (the "80% Policy"). The Fund's investments in derivatives and other synthetic instruments that have economic characteristics similar to corporate debt obligations of varying maturities, other corporate income-producing securities, and income-producing securities of non-corporate issuers will be counted toward satisfaction of this 80% policy. The Fund will normally invest at least 25% of its total assets in corporate debt obligations and other corporate income-producing securities (the "25% Policy"). Corporate income-producing securities include fixed-, variable- and floating-rate bonds, debentures, notes and other similar types of corporate debt instruments, such as preferred shares, convertible securities, bank loans and loan participations and assignments, payment-in-kind securities,

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PIMCO Corporate & Income Opportunity Fund

zero-coupon bonds, bank certificates of deposit, fixed time deposits and bankers' acceptances, stressed debt securities, structured notes and other hybrid instruments. Certain corporate income-producing securities, such as convertible bonds, also may include the right to participate in equity appreciation, and PIMCO will generally evaluate those instruments based primarily on their debt characteristics. In satisfying the Fund's 80% Policy, the Fund may invest in mortgage-related securities, including mortgage pass-through securities, collateralized mortgage obligations ("CMOs"), commercial or residential mortgage-backed securities, mortgage dollar rolls, CMO residuals, stripped mortgage-backed securities ("SMBSs") and other securities that directly or indirectly represent a participation in, or are secured by and payable from, mortgage loans on real property, debt instruments, including, without limitation, bonds, debentures, notes, and other debt securities of U.S. and foreign (non-U.S.) corporate and other issuers, including commercial paper; obligations of foreign governments or their sub-divisions, agencies and government sponsored enterprises and obligations of international agencies and supranational entities; municipal securities and other debt securities issued by states or local governments and their agencies, authorities and other government-sponsored enterprises, including taxable municipal securities (such as Build America Bonds); inflation-indexed bonds issued by both governments and corporations; structured notes, including hybrid or indexed securities; catastrophe bonds and other event-linked bonds; credit-linked notes; structured credit products; bank loans (including, among others, senior loans, delayed funding loans, revolving credit facilities and loan participations and assignments); preferred securities and convertible debt securities (i.e., debt securities that may be converted at either a stated price or stated rate into underlying shares of common stock), including synthetic convertible debt securities (i.e., instruments created through a combination of separate securities that possess the two principal characteristics of a traditional convertible security, such as an income-producing security and the right to acquire an equity security) and contingent convertible securities. The Fund may invest in debt securities of stressed issuers. Subject to the investment limitations described under "Credit Quality" above, at any given time and from time to time, substantially all of the Fund's portfolio may consist of below investment grade securities. The Fund may invest in any level of the capital structure of an issuer of mortgage-backed or asset-backed securities, including the equity or "first loss" tranche. The rate of interest on an income-producing security may be fixed, floating or variable.

The Fund may invest up to 25% of its total assets (measured at the time of investment) in non-U.S. dollar denominated securities (of both developed and "emerging market" countries), including obligations of non-U.S. governments and their respective sub-divisions, agencies and government-sponsored enterprises. The Fund may invest without limit in investment grade sovereign debt denominated in the relevant country's local currency with less than 1 year remaining to maturity ("short-term investment grade sovereign debt"), including short-term investment grade sovereign debt issued by emerging market issuers. The Fund may invest up to 40% of its total assets in securities and instruments that are economically tied to "emerging market" countries other than investments in short-term investment grade sovereign debt issued by emerging market issuers, where as noted above there is no limit. The Fund may also invest directly in foreign currencies, including local emerging market currencies.

The Fund may, but is not required to, utilize various derivative strategies (both long and short positions) involving the purchase or sale of futures and forward contracts (including foreign currency exchange contracts), call and put options, credit default swaps, total return swaps, basis swaps and other swap agreements and other derivative instruments for investment purposes, leveraging purposes or in an attempt to hedge against market, credit, interest rate, currency and other risks in the portfolio. The Fund may purchase and sell securities on a when-issued, delayed delivery or forward commitment basis and may engage in short sales.

The Fund may invest up to 20% of its total assets in common stocks and other equity securities from time to time, including those it has received through the conversion of a convertible security held by the Fund or in connection with the restructuring of a debt security.

The Fund may invest in securities that have not been registered for public sale in the U.S. or relevant non-U.S. jurisdictions, including without limit securities eligible for purchase and sale pursuant to Rule 144A under the 1933 Act, or relevant provisions of applicable non-U.S. law, and other securities issued in private placements. The Fund may also invest in securities of other openand closed-end investment companies, including, without limit, exchange-traded funds ("ETFs"), and may invest in foreign ETFs. The Fund may invest in real estate investment trusts ("REITs"). The Fund may invest in securities of companies with any market capitalization, including small and medium capitalizations.

The Fund may invest up to 20% of its total assets in illiquid securities (i.e., securities that the Fund reasonably expects cannot be sold or disposed of in current market conditions in seven calendar days or less without the sale or disposition significantly changing the market value of the security).

Leverage

The Fund utilizes leverage through its outstanding Preferred Shares and may obtain additional leverage through reverse repurchase agreements, dollar rolls or borrowings, such as through bank loans or commercial paper and/ or other credit facilities. The amount of leverage the Fund utilizes may vary, but the Fund will not incur leverage (including Preferred Shares and other forms of leverage) in an amount exceeding 50% of its total assets. Information regarding the terms and features of the ARPS is provided under "Description of Capital Structure" in this Prospectus.

The Fund may also enter into transactions other than those noted above that may give rise to a form of leverage including, among others, credit default swaps, futures and forward contracts (including foreign currency exchange contracts), total return swaps and other derivative transactions, loans of portfolio securities, short sales and when-issued, delayed delivery and forward commitment transactions. Although it has no current intention to do so, the Fund may also determine to issue other types of preferred shares.

Depending upon market conditions and other factors, the Fund may or may not determine to add leverage following an offering to maintain or increase the total amount of leverage (as a percentage of the Fund's total assets) that the Fund currently maintains, taking into account the additional assets raised through the issuance of Common Shares in such offering. The Fund utilizes certain kinds of leverage, such as reverse repurchase agreements

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and credit default swaps, opportunistically and may choose to increase or decrease, or eliminate entirely, its use of such leverage over time and from time to time based on PIMCO's assessment of the yield curve environment, interest rate trends, market conditions and other factors. The Fund may also determine to decrease the leverage it currently maintains through its outstanding Preferred Shares through Preferred Shares redemptions or tender offers and may or may not determine to replace such leverage through other sources. If the Fund determines to add leverage following an offering, it is not possible to predict with accuracy the precise amount of leverage that would be added, in part because it is not possible to predict the number of Common Shares that ultimately will be sold in an offering or series of offerings. To the extent that the Fund does not add additional leverage following an offering, the Fund's total amount of leverage as a percentage of its total assets will decrease, which could result in a reduction of investment income available for distribution to holders of the Fund's Common Shares ("Common Shareholders").

The Fund's net assets attributable to its Preferred Shares and the net proceeds the Fund obtains from reverse repurchase agreements or other forms of leverage utilized, if any, will be invested in accordance with the Fund's investment objective and policies as described in this prospectus and any prospectus supplement. So long as the rate of return, net of applicable Fund expenses, on the debt obligations and other investments purchased by the Fund exceeds the dividend rates payable on the Preferred Shares together with the costs to the Fund of other leverage it utilizes, the investment of the Fund's net assets attributable to leverage will generate more income than will be needed to pay the costs of the leverage. If so, and all other things being equal, the excess may be used to pay higher dividends to Common Shareholders than if the Fund were not so leveraged.

Regarding the costs associated with the Fund's ARPS, the terms of the ARPS provide that they would ordinarily pay dividends at a rate set at auctions held every seven days, normally payable on the first business day following the end of the rate period, subject to a maximum applicable rate calculated as a function of the ARPS' then-current rating and a reference interest rate. However, the weekly auctions for the ARPS, as well as auctions for similar preferred shares of other closed-end funds in the U.S., have failed since February 2008, and the dividend rates on the ARPS since that time have been paid at the maximum applicable rate (i.e., a multiple of a reference rate, which is the applicable "AA" Financial Composite Commercial Paper Rate (for a dividend period of fewer than 184 days) or the applicable Treasury Index Rate (for a dividend period of 184 days or more)). In September 2011, Moody's, a ratings agency that provides ratings for the Fund's ARPS, downgraded its rating of the ARPS from "Aaa" to "A2," citing persistently thin asset coverage levels, increased NAV volatility and concerns about secondary market liquidity for some assets supporting rated obligations. In July 2012, Moody's downgraded its rating of the ARPS from "A2" to "A3" pursuant to a revised ratings methodology adopted by Moody's. Also, in May 2014, Moody's upgraded its rating of the Fund's ARPS from A3 to A2, citing changes in the Fund's asset coverage ratio and economic leverage. Under the Fund's amended and restated bylaws (the "Bylaws"), the 2011 downgrade resulted in an increase in the multiple used to calculate the maximum applicable rate from 150% to 200%, thereby increasing the dividend rate payable to ARPS holders and increasing the costs to Common Shareholders associated with the Fund's leverage. See "Use of Leverage" and "Description of Capital Structure." The Fund expects that the ARPS will continue to pay dividends at the maximum applicable rate for the foreseeable future and cannot predict whether or when the auction markets for the ARPS may resume normal functioning. See "Use of Leverage," "Principal Risks of the Fund-Leverage Risk," "Principal Risks of the Fund-Additional Risks Associated with the Fund's Preferred Shares and "Description of Capital Structure" for more information.

Under the Investment Company Act of 1940, as amended (the "1940 Act"), and the rules and regulations thereunder, the Fund is not permitted to issue new preferred shares unless immediately after such issuance the value of the Fund's total net assets (as defined below) is at least 200% of the liquidation value of the outstanding Preferred Shares and the newly issued preferred shares plus the aggregate amount of any senior securities of the Fund representing indebtedness (i.e., such liquidation value plus the aggregate amount of senior securities representing indebtedness may not exceed 50% of the Fund's total net assets). In addition, the Fund is not permitted to declare any cash dividend or other distribution on its Common Shares unless, at the time of such declaration, the value of the Fund's total net assets satisfies the above-referenced 200% coverage requirement.

The 1940 Act also generally prohibits the Fund from engaging in most forms of leverage representing indebtedness other than preferred shares (including the use of reverse repurchase agreements, dollar rolls, bank loans, commercial paper or other credit facilities, credit default swaps, total return swaps and other derivative transactions, loans of portfolio securities, short sales and when-issued, delayed delivery and forward commitment transactions, to the extent that these instruments are not covered as described below) unless immediately after the issuance of the leverage the Fund has satisfied the asset coverage test with respect to senior securities representing indebtedness prescribed by the 1940 Act; that is, the value of the Fund's total assets less all liabilities and indebtedness not represented by senior securities (for these purposes, "total net assets") is at least 300% of the senior securities representing indebtedness (effectively limiting the use of leverage through senior securities representing indebtedness to 33 1/3% of the Fund's total net assets, including assets attributable to such leverage). In addition, the Fund is not permitted to declare any cash dividend or other distribution on its Common Shares unless, at the time of such declaration, this asset coverage test is satisfied. The Fund may (but is not required to) cover its commitments under reverse repurchase agreements, dollar rolls, derivatives and certain other instruments by the segregation of liquid assets, or by entering into offsetting transactions or owning positions covering its obligations. To the extent that certain of these instruments are so covered, they will not be considered "senior securities" under the 1940 Act and therefore will not be subject to the 1940 Act 300% asset coverage requirement otherwise applicable to forms of senior securities representing indebtedness used by the Fund. However, reverse repurchase agreements and other such instruments, even if covered, represent a form of economic leverage and create special risks. The use of these forms of leverage increases the volatility of the Fund's investment portfolio and could result in larger losses to Common Shareholders than if these strategies were not used. See "Principal Risks of the Fund-Leverage isk." To the extent that the Fund engages in borrowings, it may prepay a

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portion of the principal amount of the borrowing to the extent necessary in order to maintain the required asset coverage. Failure to maintain certain asset coverage requirements could result in an event of default.

Leveraging is a speculative technique and there are special risks and costs involved. The Fund cannot assure you that its Preferred Shares and use of any other forms of leverage (such as the use of reverse repurchase agreements or derivatives strategies), if any, will result in a higher yield on your Common Shares. When leverage is used, the NAV and market price of the Common Shares and the yield to Common Shareholders will be more volatile. See "Principal Risks of the Fund—Leverage Risk." In addition, dividend, interest and other costs and expenses borne by the Fund with respect to its Preferred Shares and its use of any other forms of leverage are borne by the Common Shareholders (and not by the holders of Preferred Shares) and result in a reduction of the NAV of the Common Shares. In addition, because the fees received by the Investment Manager are based on the average daily net asset value of the Fund (including any assets attributable to any preferred shares), the Investment Manager has a financial incentive for the Fund to have preferred shares outstanding, which may create a conflict of interest between the Investment Manager are not, however, charged on assets attributable to leverage obtained by the Fund other than through preferred shares.

The Fund's ability to utilize leverage is also limited by asset coverage requirements and other guidelines imposed by rating agencies (currently Moody's) that provide ratings for the Preferred Shares, which may be more restrictive than the limitations imposed by the 1940 Act noted above. See "Description of Capital Structure" for more information.

The Fund also may borrow money for temporary administrative purposes, to add leverage to the portfolio or for the settlement of securities transactions which otherwise might require untimely dispositions of portfolio securities held by the Fund.

Investment Manager

Pacific Investment Management Company LLC ("PIMCO" or the "Investment Manager") serves as the investment manager of the Fund. Subject to the supervision of the Board of Trustees of the Fund (the "Board") PIMCO is responsible for managing the investment activities of the Fund and the Fund's business affairs and other administrative matters. Alfred Murata and Mohit Mittal are jointly and primarily responsible for the day-to-day management of the Fund.

The Investment Manager receives an annual fee from the Fund, payable monthly, in an amount equal to 0.650% of the Fund's average daily net assets, including daily net assets attributable to any preferred shares that may be outstanding. Average daily net assets means an average of all the determinations of the Fund's net assets (including net assets attributable to preferred shares) during a given month at the close of business on each business day during such month. PIMCO is located at 650 Newport Center Drive, Newport Beach, CA, 92660. Organized in 1971, PIMCO provides investment management and advisory services to private accounts of institutional and individual clients and to registered investment companies. PIMCO is a majority-owned indirect subsidiary of Allianz SE, a publicly traded European insurance and financial services company. As of March 31, 2018, PIMCO had approximately \$1.77 trillion in assets under management.

Dividends and Distributions

The Fund makes regular monthly cash distributions to Common Shareholders at a rate based upon the past and projected net income of the Fund. Subject to applicable law, the Fund may fund a portion of its distributions with gains from the sale of portfolio securities and other sources. Distributions can only be made from net investment income after paying any accrued dividends to holders of the Preferred Shares. The dividend rate that the Fund pays on its Common Shares may vary as portfolio and market conditions change, and will depend on a number of factors, including without limit the amount of the Fund's undistributed net investment income and net short- and long-term capital gains, as well as the costs of any leverage obtained by the Fund (including the amount of the expenses and dividend rates on the Preferred Shares and any other preferred shares issued by the Fund and interest or other expenses on any reverse repurchase agreements, credit default swaps, dollar rolls and borrowings). As portfolio and market conditions change, the rate of distributions on the Common Shares and the Fund's dividend policy could change. For a discussion of factors that may cause the Fund's income and capital gains (and therefore the dividend) to vary, see "Principal Risks

of the Fund." There can be no assurance that a change in market conditions or other factors will not result in a change in the Fund distribution rate or that the rate will be sustainable in the future.

The Fund generally distributes each year all of its net investment income and net short-term capital gains. In addition, at least annually, the Fund generally distributes net realized long-term capital gains not previously distributed, if any. The net investment income of the Fund consists of all income (other than net short-term and long-term capital gains) less all expenses of the Fund (after it pays accrued dividends on the outstanding Preferred Shares). The Fund may distribute less than the entire amount of net investment income earned in a particular period. The undistributed net investment income would be available to supplement future distributions. As a result, the distributions paid by the Fund for any particular monthly period may be more or less than the amount of net investment income actually earned by the Fund during the period. Undistributed net investment income will be additive to the Fund's NAV and, correspondingly, distributions from undistributed net investment income will be deducted from the Fund's NAV.

The tax treatment and characterization of the Fund's distributions may vary significantly from time to time because of the varied nature of the Fund's investments. The Fund may enter into opposite sides of interest rate swap and other derivatives for the principal purpose of generating distributable gains on the one side (characterized as ordinary income for tax purposes) that are not part of the Fund's duration or yield curve management strategies ("paired swap transactions"), and with a substantial possibility that the Fund will experience a corresponding capital loss and decline in NAV with respect to the opposite side transaction (to the extent it does not have corresponding offsetting capital gains). Consequently, common shareholders may receive distributions and owe tax on amounts that are

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effectively a taxable return of the shareholder's investment in the Fund at a time when their investment in the Fund has declined in value, which tax may be at ordinary income rates. The tax treatment of certain derivatives in which the Fund invests may be unclear and thus subject to recharacterization. Any recharacterization of payments made or received by the Fund pursuant to derivatives potentially could affect the amount, timing or character of Fund distributions. In addition, the tax treatment of such investment strategies may be changed by regulation or otherwise.

To the extent required by the 1940 Act and other applicable laws, absent an exemption, a notice will accompany each monthly distribution with respect to the estimated source (as between net income and gains) of the distribution made. If the Fund estimates that a portion of one of its dividend distributions may be comprised of amounts from sources other than net income, in accordance with its policies and good accounting practices, the Fund will notify shareholders of record of the estimated composition of such distribution through a Section 19 Notice. For these purposes, the Fund estimates the source or sources from which a distribution is paid, to the close of the period as of which it is paid, in reference to its internal accounting records and related accounting practices. If, based on such accounting records and practices, it is estimated that a particular distribution does not include capital gains or paid-in surplus or other capital sources, a Section 19 Notice generally would not be issued. It is important to note that differences exist between the Fund's daily internal accounting records and practices, the Fund's financial statements presented in accordance with U.S. GAAP, and recordkeeping practices under income tax regulations. For instance, the Fund's internal accounting records and practices may take into account, among other factors, tax-related characteristics of certain sources of distributions that differ from treatment under U.S. GAAP. Examples of such differences may include, among others, the treatment of paydowns on mortgage-backed securities purchased at a discount and periodic payments under interest rate swap contracts. Accordingly, among other consequences, it is possible that the Fund may not issue a Section 19 Notice in situations where the Fund's financial statements prepared later and in accordance with U.S. GAAP and/or the final tax character of those distributions might later report that the sources of those distributions included capital gains and/or a return of capital.

The tax characterization of the Fund's distributions made in a taxable year cannot finally be determined until at or after the end of such taxable year. As a result, there is a possibility that the Fund may make total distributions during a taxable year in an amount that exceeds the Fund's net investment income and net realized capital gains for the relevant year (including as reduced by any capital loss carry-forwards). For example, the Fund may distribute amounts early in the year that are derived from short-term capital gains, but incur net short-term capital losses later in the year, thereby offsetting short-term capital gains out of which the Fund has already made distributions. In such a situation, the amount by which the Fund's total distributions exceed net investment income and net realized capital gains would generally be treated as a tax-free return of capital up to the amount of a shareholder's tax basis in his or her Common Shares, with any amounts exceeding such basis treated as gain from the sale of Common Shares. In general terms, a return of capital would occur where the Fund distribution (or portion thereof) represents a return of a portion of your investment, rather than net income or capital gains generated from your investment during a particular period. Although return of capital distributions are not taxable, such distributions would reduce the basis of a shareholder's Common Shares and therefore may increase a shareholder's capital gains, or decrease a shareholder's capital loss, thereby potentially increasing a shareholder's tax liability upon a sale of Common Shares. The Fund will prepare and make available to shareholders detailed tax information with respect to the Fund's distributions annually. See "Tax