

Kayne Anderson MLP Investment CO
Form 497AD
February 20, 2014

Filed Pursuant to Rule 497(a)
under the Securities Act of 1933, as amended
File No. 333-193497, Rule 482 ad

Kayne Anderson MLP Investment Company Prices Public Offering of Common Stock

Houston, TX February 20, 2014 Kayne Anderson MLP Investment Company (the Company) (NYSE: KYN) announced the pricing of a public offering of common stock. The Company agreed to sell a total of 8,000,000 shares at a price of \$37.05 per share (exclusive of 1,200,000 additional shares that the underwriters may purchase pursuant to a 45-day option to cover over-allotments). Net proceeds from the offering of \$284.7 million will be used to make additional portfolio investments that are consistent with the Company's investment objective and policies and for general corporate purposes. The offering is scheduled to close on February 25, 2014.

Morgan Stanley, BofA Merrill Lynch, Citigroup, UBS Investment Bank and Wells Fargo Securities are acting as joint book-running managers. A copy of the prospectus supplement and the base prospectus relating to the offering may be obtained from the following addresses:

Morgan Stanley

BofA Merrill Lynch

Attn: Prospectus Department

Attn: Prospectus Department

180 Varick Street, 2nd Floor

222 Broadway

New York, NY 10014

New York, NY 10038

Email: prospectus@morganstanley.com

Email: dg.prospectus_requests@baml.com

Telephone: 866-718-1649

Citigroup

UBS Investment Bank

c/o Broadridge Financial Solutions

Attn: Prospectus Department

1155 Long Island Avenue

299 Park Avenue

Edgewood, NY 11717

New York, NY 10171

Telephone: 800-831-9146

Telephone: 888-827-7275

Email: batprospectusdept@citi.com

Wells Fargo Securities

Attention: Equity Syndicate Dept.

375 Park Ave

New York, NY 10152

Telephone: 800-326-5897

Email: cmclientsupport@wellsfargo.com

Investors may also obtain these documents free of charge from the Company's website at www.kaynefunds.com/kyn/sec-filings/ or the Securities and Exchange Commission's (SEC) website at www.sec.gov. The information contained in, or accessed through, the Company's website does not form a part of the Company's registration statement or any prospectus supplement relating to the Company's securities.

An investor should read the Company's prospectus supplement and the base prospectus carefully before investing. The prospectus supplement and the base prospectus contain important information about the Company and its investment objective and policies, risks, charges and expenses.

This press release does not constitute an offer to sell or a solicitation to buy the securities described herein, nor shall there be any sale of these securities in any state or jurisdiction in which such offer or solicitation or sale would be unlawful prior to registration or qualification under the laws of such state or jurisdiction. A registration statement relating to these securities was filed with, and has been declared effective by, the SEC.

###

Kayne Anderson MLP Investment Company is a non-diversified, closed-end management investment company registered under the Investment Company Act of 1940, whose common stock is traded on the New York Stock Exchange. The Company's investment objective is to obtain a high after-tax total return by investing at least 85% of its total assets in energy-related master limited partnerships and their affiliates (collectively, MLPs), and in other companies that, as their principal business, operate assets used in the gathering, transporting, processing, storing, refining, distributing, mining or marketing of natural gas, natural gas liquids, crude oil, refined petroleum products or coal.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS: This press release contains forward-looking statements as defined under the U.S. federal securities laws. Generally, the words believe, expect, intend, estimate, anticipate, project, will and similar expressions identify forward-looking statements, which generally are not historical in nature. Forward-looking statements are subject to certain risks and uncertainties that could cause actual results to differ from the Company's historical experience and its present expectations or projections indicated in any forward-looking statements. These risks include, but are not limited to, changes in economic and political conditions; regulatory and legal changes; MLP industry risk; leverage risk; valuation risk; interest rate risk; tax risk; and other risks discussed in the Company's filings with the SEC. You should not place undue reliance on forward-looking statements, which speak only as of the date they are made. The Company undertakes no obligation to publicly update or revise any forward-looking statements made herein. There is no assurance that the Company's investment objective will be attained.

CONTACT:

KA Fund Advisors, LLC

Monique Vo, 877-657-3863