

## Kayne Anderson MLP Investment Company Prices Public Offering of Series F Mandatory Redeemable Preferred Shares

Houston, TX – March 26, 2013 – Kayne Anderson MLP Investment Company (the “Company”) (NYSE: KYN) announced the pricing of a public offering of preferred stock. The Company agreed to sell 4,400,000 shares of Series F Mandatory Redeemable Preferred Shares (“Series F MRP Shares”) at a price of \$25.00 per share (exclusive of 600,000 additional shares that the underwriters may purchase pursuant to a 15-day option to cover over-allotments, if any). The Series F MRP Shares pay cash dividends at a rate of 3.50% per annum and have a mandatory redemption date of April 15, 2020. The Company intends to use the net proceeds from the offering of approximately \$108 million to redeem its Series D Mandatory Redeemable Preferred Shares, to make investments in portfolio companies in accordance with its investment objective and policies, to repay indebtedness, and for general corporate purposes. The offering is scheduled to close on April 3, 2013.

Merrill Lynch, Pierce, Fenner & Smith Incorporated, Citigroup and UBS Investment Bank are joint book-running managers. A copy of the prospectus supplement and base prospectus relating to the offering may be obtained from the following addresses:

Merrill Lynch, Pierce, Fenner & Smith Incorporated  
Attn: Prospectus Department  
222 Broadway, 11<sup>th</sup> Floor  
New York, NY 10038  
Email: [dg.prospectus\\_requests@baml.com](mailto:dg.prospectus_requests@baml.com)

Citigroup  
c/o Broadridge Financial Solutions  
1155 Long Island Avenue  
Edgewood, NY 11717  
Telephone: 800-831-9146  
Email: [batprospectusdept@citi.com](mailto:batprospectusdept@citi.com)

UBS Investment Bank  
Attn: Prospectus Department  
299 Park Avenue  
New York, NY 10171  
Telephone: 888-827-7275

Investors may also obtain these documents free of charge from the Company’s website at [www.kaynefunds.com/kyn/sec-filings/](http://www.kaynefunds.com/kyn/sec-filings/) or the Securities and Exchange Commission’s (“SEC”) website at [www.sec.gov](http://www.sec.gov).

An investor should read the Company’s preliminary prospectus supplement and the base prospectus carefully before investing. The preliminary 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.

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*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:

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[www.kaynefunds.com](http://www.kaynefunds.com)