UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

AERCAP HOLDINGS N.V.

(Translation of Registrant's Name into English)

AerCap House, 65 St. Stephen's Green, Dublin D02 YX20, Ireland, +353 1 819 2010 (Address of Principal Executive Office)

Indicate by check mark whether the registrant files or will file annual reports under cover ofForm 20-F or Form 40-F.

Form 20-F Form 40-F Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Note: Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's "home country"), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

Other Events

On June 23, 2020, AerCap Holdings N.V. ("AerCap") issued a press release announcing that AerCap Ireland Capital Designated Activity Company and AerCap Global Aviation Trust (together, the "Issuers"), each a wholly-owned subsidiary of AerCap, priced their offering of senior notes, consisting of \$1.25 billion aggregate principal amount of the Issuers' 4.50% Senior Notes due 2023 (the "Notes"). The Issuers intend to use the net proceeds from the Notes for general corporate purposes.

The information contained in this Form 6-K is incorporated by reference into the Company's Form F-3 Registration Statements File Nos. 333-224192, 333-234028 and 333-235323 and Form S-8 Registration Statements File Nos. 333-180323, 333-154416, 333-165839, 333-194637 and 333-194638, and related Prospectuses, as such Registration Statements and Prospectuses may be amended from time to time.

Exhibits

99.1 AerCap Holdings N.V. Press Release.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

AERCAP HOLDINGS N.V.

By: /s/ Aengus Kelly
Name: Aengus Kelly
Title: Authorized Signatory

Date: June 23, 2020

99.1 AerCap Holdings N.V. Press Release.



Press Release

For Investors: Joseph McGinley Head of Investor Relations jmcginley@aercap.com; +353 1 418 0428 For Media: Gillian Culhane Vice President Corporate Communications gculhane@aercap.com; +353 1 636 0945

AerCap Holdings N.V. Announces Pricing of \$1.25 Billion Aggregate Principal Amount of Senior Notes

DUBLIN – Tuesday, June 23, 2020 - AerCap Holdings N.V. ("AerCap" or the "Company") (NYSE: AER) has announced today that AerCap Ireland Capital Designated Activity Company and AerCap Global Aviation Trust (together, the "Issuers"), each a wholly-owned subsidiary of the Company, priced their offering of senior notes, consisting of \$1.25 billion aggregate principal amount of 4.50% Senior Notes due 2023 (the "Notes"). The Notes will be fully and unconditionally guaranteed on a senior unsecured basis by the Company and certain other subsidiaries of the Company. The Issuers intend to use the net proceeds from the Notes for general corporate purposes.

Barclays Capital Inc., BofA Securities, Inc., J.P. Morgan Securities LLC, Santander Investment Securities Inc. and Wells Fargo Securities, LLC are serving as joint book running managers for the underwritten public offering.

The Company has filed a registration statement (including a prospectus) on FormF-3 with the U.S. Securities and Exchange Commission (the "SEC") for the underwritten offering to which this communication relates. The registration statement automatically became effective upon filing on April 6, 2018. Investors should read the accompanying prospectus dated April 6, 2018, the preliminary prospectus supplement relating to the offering dated June 23, 2020 and other documents the Company has filed with the SEC for more complete information about the Company and this offering. These documents may be obtained for free by visiting EDGAR on the SEC's website at www.sec.gov.

The prospectus supplement and accompanying prospectus relating to the offering may be obtained from: Barclays Capital Inc., c/o Broadridge Financial Solutions, 1155 Long Island Avenue, Edgewood, New York 11717, or by calling toll-free at 1-888-603-5847; BofA Securities, Inc., NC1-004-03-43, 200 North College Street, 3rd Floor, Charlotte, North Carolina 28255, or by calling toll-free at 1-800-294-1322; J.P. Morgan Securities LLC, 383 Madison Avenue, New York, New York 10179, or by calling collect at 1-212-834-4533; Santander Investment Securities Inc., Attention: Debt Capital Markets, 45 East 53rd Street, New York, New York 10022, or by calling toll-free at 1-855-403-3636; or Wells Fargo Securities, LLC, 608 2nd Avenue South, Minneapolis, Minnesota 55402, Attention: WFS Customer Service, or by calling toll-free at 1-800-645-3751.

This press release shall not constitute an offer to sell or the solicitation of an offer to buy the Notes or any other securities, nor shall there be any offer, solicitation or sale of these securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction.

About AerCap

AerCap is the global leader in aircraft leasing with 1,372 aircraft owned, managed or on order and \$47.1 billion of total assets as of March 31, 2020. AerCap has one of the most attractive order books in the industry. AerCap serves approximately 200 customers in approximately 80 countries with comprehensive fleet solutions. AerCap is listed on the New York Stock Exchange (AER) and has its headquarters in Dublin with offices in Shannon, Los Angeles, Singapore, Amsterdam, Shanghai, Abu Dhabi, Seattle and Toulouse.

AerCap Holdings N.V. 65 St. Stephen's Green, Dublin D02 YX20, Ireland www.aercap.com



Press Release

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Forward-Looking Statements

This press release contains certain statements, estimates and forecasts with respect to future performance and events. These statements, estimates and forecasts are "forward-looking statements". In some cases, forward-looking statements can be identified by the use of forward-looking terminology such as "may," "might," "should," "expect," "plan," "intend," "estimate," "anticipate," "believe," "predict," "potential" or "continue" or the negatives thereof or variations thereon or similar terminology. All statements other than statements of historical fact included in this press release are forward-looking statements and are based on various underlying assumptions and expectations and are subject to known and unknown risks, uncertainties and assumptions, and may include projections of our future financial performance based on our growth strategies and anticipated trends in our business. These statements are only predictions based on our current expectations and projections about future events. There are important factors that could cause our actual results, level of activity, performance or achievements to differ materially from the results, level of activity, performance or achievements expressed or implied in the forward-looking statements. As a result, we cannot assure you that the forward-looking statements included in this press release will prove to be accurate or correct. In light of these risks, uncertainties and assumptions, the future performance or events described in the forward-looking statements in this press release might not occur. Accordingly, you should not rely upon forward-looking statements as a prediction of actual results and we do not undertake any obligation to, and will not, update any forward-looking statements. Except as required by applicable law, we do not undertake any obligation to, and will not, update any forward-looking statements, whether as a result of new information, future events or otherwise.

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