

ASML HOLDING NV  
Form 6-K  
January 11, 2005

**SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

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**FORM 6-K  
REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13A-16 OR 15D-16  
OF THE SECURITIES EXCHANGE ACT OF 1934  
for December 2004**

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**ASML Holding N.V.**

De Run 6501  
5504 DR Veldhoven  
The Netherlands  
*(Address of principal executive offices)*

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

Form    x        Form    ..  
20-F            40-F

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes    ..            No    x

If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):

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**Exhibits**

- 99.1    "Applied Materials and ASML to Bring State-of-the-Art Immersion Lithography to Maydan Technology Center", dated December 1, 2004.
- 99.2    "ASML Immersion Program Spans the Globe", dated December 1, 2004.

"Safe Harbor" Statement under the U.S. Private Securities Litigation Reform Act of 1995: the matters discussed in this document may include forward-looking statements that are subject to risks and uncertainties including, but not limited to, economic conditions, product demand and industry capacity, competitive products and pricing, manufacturing efficiencies, new product development, ability to enforce patents, the outcome of intellectual property litigation, availability of raw materials and critical manufacturing equipment, trade environment, and other risks indicated in filings with the U.S. Securities and Exchange Commission.

**SIGNATURES**

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.

ASML HOLDING N.V. (Registrant)

Date: January 11, 2005

By: /s/ Peter T.F.M. Wennink  
Peter T.F.M. Wennink  
Executive Vice President  
and Chief Financial Officer