ING GROEP NV Form 6-K September 10, 2007

SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM 6-K

Report of Foreign Private Issuer Pursuant to Rule 13a-16 or 15d-16 of the Securities Exchange Act of 1934 For September 10, 2007 Commission File Number 1-14642 ING Groep N.V. Amstelveenseweg 500

1081-KL Amsterdam

The Netherlands

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

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): o

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): o

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 o No þ

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

This Report contains a copy of the following:

(1) The Press Release issued on September10, 2007.

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Progress on share repurchase programme ING

ING announced today that, in line with the launch of its EUR 5.0 billion share buy back programme on 4 June 2007, the company has repurchased 5,515,000 (depositary receipts for) shares during the week of 3 September until 10 September.

The (depositary receipts for) shares were repurchased at an average price of EUR 29.62 for a total amount of EUR 163,345,757.50. For detailed information on the daily repurchased shares, see the ING website at www.ing.com/investorrelations.

The total number of (depositary receipts for) shares repurchased under this programme to date is 44,274,654 ordinary shares for a total consideration of EUR 1,413,345,750.56. To date approximately 28.3% of the repurchase programme has been completed.

The repurchase programme is expected to run until June 2008.

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SIGNATURE

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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.

ING Groep N.V. (Registrant)

By: /s/ H. van Barneveld H. van Barneveld General Manager Corporate Control & Finance

By: /s/ W.A. Brouwer W.A. Brouwer Assistant General Counsel

Dated: September 10, 2007

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