

FOR: BE SEMICONDUCTOR INDUSTRIES N.V.

Ratio 6

6921 RW Duiven The Netherlands

PRESS RELEASE

BE Semiconductor Industries Announces 2010 Third Quarter Results Release and Conference Call and Webcast Date

Duiven, the Netherlands, October 21, 2010, BE Semiconductor Industries N.V. ("Besi") (Euronext: BESI), a leading manufacturer of assembly equipment for the semiconductor industry, will release results for the third quarter ended September 30, 2010, on Thursday October 28, 2010 at 8.00 a.m. Continental European Time (2.00 a.m. New York time).

Besi will host a conference call and audio webcast (log on via www.besi.com) to discuss its results for the third quarter ended September 30, 2010, on Thursday October 28, 2010 at 4.00 p.m. CET (10.00 a.m. New York time). The teleconference dial-in number is (31) 10 2944 228. The audio webcast will remain available on www.besi.com.

About Besi

Besi is a leading supplier of semiconductor assembly equipment for the global semiconductor and electronics industries. Besi develops leading edge assembly processes and equipment for leadframe, array connect and wafer level packaging applications in a wide range of end-use markets including electronics, computer, automotive, industrial, RFID, LED and solar energy. Customers are primarily leading semiconductor manufacturers, assembly subcontractors and electronics and industrial companies. Besi's ordinary shares are listed on NYSE Euronext Amsterdam (symbol: BESI) and its headquarters are located in Duiven, the Netherlands. For more information, please visit our website at www.besi.com.

Contacts:

Richard W. Blickman
President & CEO
Tel. (31) 26 319 4500
investor.relations@besi.com

IR Contact Europe:

Uneke Dekkers/Frank Jansen Citigate First Financial Tel. (31) 20 575 4021/24 Cor te Hennepe Senior Vice President Finance Tel. (31) 26 319 4500 investor.relations@besi.com