

FOR : BE SEMICONDUCTOR INDUSTRIES N.V.
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PRESS RELEASE

Besi Announces Preliminary Revenue, Orders and Backlog for Q2-2010

Duiven, the Netherlands, July 14, 2010, BE Semiconductor Industries N.V. ("the Company" or "Besi") (Euronext: BESI), a leading manufacturer of assembly equipment for the semiconductor industry, today announced preliminary revenue of €89 million in its second quarter ended June 30, 2010, an increase of €32 million, or 56%, as compared to the first quarter ended March 31, 2010. Prior revenue guidance for the second quarter was €79 - €82 million. Orders for the second quarter ended June 30, 2010 of €133 million increased by approximately €36 million, or 37%, as compared to the first quarter ended March 31, 2010. Backlog at June 30, 2010, was €136 million, an increase of €44 million, or 48%, as compared to €92 million at March 31, 2010 with shipment delivery dates scheduled primarily over the next six months. Besi will announce its full financial results for the second quarter of 2010 on July 27, 2010.

Richard W. Blickman, President and Chief Executive Officer, commented: "Shipment and order levels in the second quarter of 2010 significantly exceeded our expectations due to the continued expansion of industry demand for memory, personal computing and smart phone devices and our ability to ramp production at our global facilities more rapidly than anticipated. Quarterly sequential order and backlog growth was due primarily to a substantial increase in demand for our die bonding and packaging equipment."

About BE Semiconductor Industries N.V.

Besi is a leading supplier of semiconductor assembly equipment for the global semiconductor and electronics industries. The Company 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.

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