

PRESS RELEASE

Besi Announces Supervisory Board Change

Duiven, the Netherlands, October 3, 2011 - BE Semiconductor Industries N.V. ("the Company" or "Besi") (NYSE Euronext Amsterdam: BESI; OTCQX: BESIY), announced today that Mr Kin Wah Loh will resign as a member of Besi's Supervisory Board as per the next Annual General Meeting of Shareholders in 2012.

Mr Loh will resign his Besi Supervisory Board position in connection with his recent appointment as a member of NXP's management team and as executive vice president, sales & marketing of NXP Semiconductors N.V. ("NXP") (NASDAQ: NXPI). NXP provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. It is a global semiconductor company with operations in more than 25 countries and revenue of \$4.4 billion in 2010 and is a long term Besi customer. Mr Loh was appointed to the Supervisory Board in May 2009. Besi's intention is to recruit a new Supervisory Board Director to replace Mr Loh at the next Annual General Meeting of Shareholders.

Richard Blickman, President and Chief Executive Officer of Besi commented: "We would like to thank Mr Loh for his great efforts and dedication over the past three years in helping transform Besi into a leading global semiconductor equipment manufacturer. We wish him the best of success at his new position at NXP."

About Besi

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-user 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 OTCQX International (symbol: BESIY) 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 Cor te Hennepe Senior Vice President Finance Tel. (31) 26 319 4500 investor.relations@besi.com

European IR contact:

Uneke Dekkers/Frank Jansen Citigate First Financial Tel. (31) 20 575 4021 / 24