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Almere, The Netherlands

April 24, 2017

ASM INTERNATIONAL N.V. ANNOUNCES INTENTION TO SELL PARTIAL STAKE OF APPROXIMATELY 5% IN ASMPT

ASM International N.V. (Euronext Amsterdam: ASM) ("ASMI") today announces that it intends to sell a stake of 20 million shares of the total outstanding share capital in ASM Pacific Technology Ltd. ("ASMPT") through a partial secondary share placement. Following the planned divestment ASMI will own approximately 34% of the shares in ASMPT.

ASMI views long-term value creation as very important. Regularly the Management Board reviews its strategy and, as part of that, the position it holds in ASMPT. The most recent review led to the conclusion that a further reduction of its shareholding of approximately 5% was justified. The Management Board remains of the opinion that, at this moment, a significant stake in ASMPT is of strategic value to ASMI.

Sale of partial stake in ASMPT and use of proceeds

ASMI is proposing a reduction of its stake in ASMPT through an accelerated bookbuild offering to institutional investors of 20 million shares representing a stake of approximately 5% in ASMPT which is launching now.

ASMI intends to use the proceeds for a new share buyback program.

This new share buyback program will be in addition to the one which was announced on March 2, 2017.

The Hongkong and Shanghai Banking Corporation Limited is acting as bookrunner for this transaction.

Once the outcome of the offering has been established, ASMI will make a further public announcement. ASMI has agreed to a 180 day lock-up period.

About ASM International

ASM International NV, headquartered in Almere, the Netherlands, its subsidiaries and participations design and manufacture equipment and materials used to produce semiconductor devices. ASM International, its subsidiaries and participations provide production solutions for wafer processing (Front-end segment) as well as for assembly & packaging and surface mount technology (Back-end segment) through facilities in the United States, Europe, Japan and Asia. ASM International's common stock trades on the Euronext Amsterdam Stock Exchange (symbol ASM). For more information, visit ASM's website at www.asm.com.

IMPORTANT NOTICES

The Hongkong and Shanghai Banking Corporation Limited ("HSBC") is acting for the Company in relation to the transaction, will not regard any other person as a client in relation to the transaction and will not be responsible to anyone other than the Company for providing the protections afforded to clients of HSBC nor for providing advice to any such other person. Without prejudice to liability for fraud, HSBC, its affiliates and its and its and their respective directors, officers, employees and agents disclaim any liability to any such other person in connection with the transaction.

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This announcement contains forward-looking statements. These statements are subject to a number of risks and uncertainties and actual results, and events could differ materially from those currently being anticipated as reflected in such forward-looking statements. The terms “expect”, “should be”, “will be” and similar expressions identify forward-looking statements. Factors which may cause future outcomes to differ from those foreseen in forward-looking statements include, but are not limited to: general economic and business conditions; demand for the Company’s products and services; competitive factors in the industries in which the Company operates; exchange rate fluctuations; legislative, fiscal and regulatory developments; political risks; terrorism, acts of war and pandemics; changes in law and legal interpretations affecting the Company’s intellectual property rights and internet communications; and the impact of technological change. Forward-looking statements speak only as of the date of such statements and, except as required by applicable law, the Company undertakes no obligation to update or revise publicly any forward-looking statements, whether as a result of new information, future events or otherwise. The information contained in this announcement is subject to change without notice and neither the Company nor the Bookrunner assume any responsibility or obligation to update publicly or review any of the forward-looking statements contained herein.

Any indication in this announcement of the price at which ordinary shares have been bought or sold in the past cannot be relied upon as a guide to future performance. No statement in this announcement is intended to be a profit forecast and no statement in this announcement should be interpreted to mean that earnings per share of the Company for the current or future financial years would necessarily match or exceed the historical published earnings per share of the Company.

The Bookrunner may participate in the Placement on a proprietary basis.

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