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ASM INTERNATIONAL REPORTS 2001 THIRD QUARTER OPERATING RESULTS

BILTHOVEN, THE NETHERLANDS, October 22, 2001 --- ASM International N.V. (NASDAQ: ASMI and Euronext: ASM) reported today the operating results for the third quarter of 2001. *The Net loss* for the third quarter of 2001 amounted to **€12.7 million** or €0.26 diluted Net loss per share. This compares to Net earnings of €27.6 million or €0.56 diluted Net earnings per share for the same period in 2000.

For the nine months ended September 30, 2001, Net earnings amounted to €15.1 million or €0.30 diluted Net earnings per share, compared to €62.6 million or €1.31 diluted Net earnings per share for the same period in 2000.

Net sales

Net sales for the third quarter ended September 30, 2001 amounted to **€102.0 million**, a decline of 59 % compared to net sales for the same period of last year of €248.7 million and 33 % below the sales level of the second quarter of 2001. Net sales for the nine months ended September 30, 2001, amounted to €455.8 million, 32 % lower than net sales for the same period in 2000.

The decrease in net sales reflects the impact of the severe downturn in the semiconductor industry, as semiconductor manufacturers further delayed purchases and cut capital spending, thus reducing the demand for semiconductor equipment during this period to far below earlier expectations.

Operations

The *Gross profit margin* for the third quarter of 2001 decreased to 35.9 % of net sales, 6.0 percentage points below the gross profit percentage of 41.9 % for the previous quarter. The gross profit margin for the nine months of 2001 amounted to 40.5 %, a decrease of 3.7 percentage points when compared to the same period in 2000. The decrease is the result of lower sales volumes and related underutilization of our manufacturing capacity.

Selling, general and administrative expenses in the third quarter of 2001 decreased 2.1 % to €26.8 million from €27.4 million in the second quarter of 2001 and decreased 30.6 % as compared to € 38.6 million for the third quarter of 2000. Selling, general and administrative expenses were 18.8 % of net sales for the nine months of 2001, compared to 16.0 % of net sales in the same period in 2000.

Research and development expenses for the third quarter of 2001 increased from €18.7 million or 7.5 % of Net sales in the third quarter of 2000 to €19.9 million or 19.5 % of Net sales. Research and development expenses for the nine months of 2001 increased 15.6 % to €58.7 million or 12.9 % of Net sales from €50.7 million or 7.6 % of Net sales in the same period in 2000. These increases reflect our continued focus and long-term commitment to the development of equipment and materials for the next generation of semiconductor devices.

Amortization of Goodwill increased to €5.7 million in the nine months of 2001 from €2.3 million in the nine months of 2000. This increase relates to the amortization of goodwill resulting from the acquisition of an additional 4.7 % interest in ASM Pacific Technology in the third quarter of 2000.

Earnings (loss) from Operations amounted to a loss of €12.1 million in the third quarter of 2001 as compared to earnings of €53.6 million in the same period of 2000. For the nine months of 2001, earnings from operations amounted to €34.2 million, compared to €135.3 million for the nine months of 2000, a decline of 74.7%. The *Operating Margin* (earnings from operations as a percentage of net sales) was negative 11.8 % in the third quarter of 2001 and positive 7.5 % for the first nine months of 2001, compared to 21.6 % and 20.3 % in the same period of last year. The reduced net earnings in 2001 reflect the sharp decrease in our sales from the current severe downturn in the semiconductor market.

Finance

On June 27, 2001 we completed a multi-currency revolving credit facility agreement with a syndicate group of banks in the amount of €90 million. This facility has allowed us to pay down long- and short-term debt of € 50.4 million in July 2001, and further provides additional flexibility for future financing needs.

Bookings and backlog

New orders in the third quarter of 2001 amounted to €76.7 million, 15 % lower than the level of new orders received in the second quarter of 2001. The backlog at the end of September 2001 stood at €144.5 million, a decrease of 14.9% compared to the backlog of €169.8 at the end of June 2001. Our book-to-bill ratio for the quarter ended September 30, 2001 was 0.75 compared to 0.59 for the quarter ended June 30, 2001.

In our backlog we have several orders for new 300mm technology from first tier customers for delivery in early 2002.

Strategic Partnerships

Despite the current slowdown, we continue to pursue important strategic opportunities that further position ASM for an aggressive future. Through a joint press release issued earlier today, we announced a strategic alliance with, and an investment in, NuTool, Inc., a privately owned semiconductor equipment company. We have taken

a 15% interest in this California-based company that is a leading provider of innovative copper deposition technologies.

NuTool's unique, patented Electro Chemical Mechanical Deposition (ECMD™) process offers entirely new process solutions for copper deposition and planarization. By integrating ASM's low-k and atomic layer deposition technologies with NuTool's ECMD™, the two companies can offer an outstanding alternative for copper metallization that enhances our opportunities for capturing market share in the fast-growing copper market segment.

We also announced today that we completed an alliance with Genitech, a privately owned Korean company, providing an innovative, patented plasma-enhanced atomic layer deposition (PEALD) process for very high quality metal deposition. Genitech's copper super fill technology complements our alliance with NuTool as well as builds on our own experience with atomic layer deposition.

Outlook

The current outlook in the industry is that the overall market for semiconductors and the correlated demand for capital equipment will at the earliest recover in the second half of 2002.

Based on the resulting very low levels of customer short-term commitments we need to take aggressive steps to reduce the cost levels of our operations. We have already taken initial measures that reduce the total staffing levels in Front End as well as Back End with some 10 – 15%. We are also developing additional selective actions that will reduce our break-even levels further without permanently damaging our strategically important technology programs.

Based on the above, we anticipate a slightly lower sales level for the fourth quarter of 2001 – when compared with the third quarter of this year - and a continued loss. For the full year 2001 we expect our net earnings out of ongoing activities to be about break-even.

The previously announced 300 mm orders scheduled for delivery in the first half of 2002 remain on target and suggest a possible small up-tick from the year-end levels if market conditions do not deteriorate further over the course of the next few months.

We are confident our Front End strategies in 300 mm, low-k, SiGe and copper will support ASM when the industry recovers. At such point in time ASM Pacific Technology Ltd. will benefit from its established position as the leading supplier of a full spectrum of innovative Back End products.

For the long term, ASM strongly believes that its firm commitments in research and development, its readiness in new technologies, design-in wins at top tier customers and recent strategic partnerships provide the company with a broad basis for long-term market share gains.

Conference Call

An investor conference call will take place tomorrow, Tuesday, October 23, 2001 at

6:00 a.m. US West Coast time
9:00 a.m. US East Coast time
15:00 Continental European time
21.00 Hong Kong time

The teleconference dial-in numbers are:

United States: (888) 273-9887
All others: (612) 332-0637

A digitized replay is available through from 2.15 p.m. (US Eastern Time) on Tuesday October 23rd, 2001 until Thursday October 25th, 2001. The replay telephone numbers are:

United States: (800) 475-6701
All others: (320) 365-3844

Access code for all replay calls: 605291

A simultaneous radio web cast will be accessible at www.asm.com and www.streetfusion.com

ASM International is headquartered in Bilthoven, the Netherlands. ASM International's subsidiaries design, develop, manufacture and market equipment and materials used to produce semiconductor devices. ASM International and its subsidiaries provide production solutions for the wafer processing, assembly and packaging segments of the semiconductor equipment market through their facilities in the United States, Europe, Japan and Asia. ASM International's common shares trade on the NASDAQ National Market ("ASMI") and on the Euronext Stock Exchange in Amsterdam ("ASM"). More information on ASM can be found on its website at <http://www.asm.com>.

Safe Harbor Statement under the US Private Securities Litigation Reform Act of 1995: All matters discussed in this statement, except for any historical data, are forward-looking statements. Forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those in the forward-looking statements. These include, but are not limited to economic conditions in the semiconductor industry, currency fluctuations, the timing of significant orders, market acceptance of new products, competitive factors, risk factors related to litigation and other risks indicated in filings from time to time with the SEC and Stock Exchange Authorities.

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ASM INTERNATIONAL N.V.
CONSOLIDATED STATEMENTS OF OPERATIONS

(thousands except per share data)	in Euro			
	Three months ended September 30,		Nine months ended September 30,	
	2000 (1)	2001	2000 (1)	2001
	(unaudited)	(unaudited)	(unaudited)	(unaudited)
Net sales	248 704	102 028	668 316	455 785
Cost of sales	(135 862)	(65 438)	(372 714)	(271 385)
Gross profit	112 842	36 590	295 602	184 400
Operating expenses:				
Selling, general and administrative	(38 649)	(26 812)	(107 189)	(85 845)
Research and development	(18 657)	(19 923)	(50 738)	(58 670)
Amortization of goodwill	(1 899)	(1 924)	(2 334)	(5 682)
Total operating expenses	(59 205)	(48 659)	(160 261)	(150 197)
Earnings (loss) from operations	53 637	(12 069)	135 341	34 203
Net interest and other financial income (expenses)	902	(856)	340	(288)
Earnings (loss) before income taxes, minority interest and cumulative effect of change in accounting principle	54 539	(12 925)	135 681	33 915
Income taxes	(7 067)	484	(17 578)	(6 487)
Earnings (loss) before minority interest and cumulative effect of change in accounting principle	47 472	(12 441)	118 103	27 428
Minority interest	(19 846)	(295)	(51 676)	(12 294)
Net earnings (loss) before cumulative effect of change in accounting principle	27 626	(12 736)	66 427	15 134
Cumulative effect of change in accounting principle (1)	-	-	(3 790)	-
Net earnings (loss)	27 626	(12 736)	62 637	15 134
Basic net earnings (loss) per share:				
Net earnings (loss) before cumulative effect of change in accounting principle	0,57	(0,26)	1,44	0,31
Cumulative effect of change in accounting principle (1)	-	-	(0,08)	-
Net earnings (loss)	0,57	(0,26)	1,36	0,31
Diluted net earnings (loss) per share (2):				
Net earnings before cumulative effect of change in accounting principle	0,56	(0,26)	1,39	0,30
Cumulative effect of change in accounting principle (1)	-	-	(0,08)	-
Net earnings (loss)	0,56	(0,26)	1,31	0,30
Weighted average number of shares:				
Basic	48 773	48 978	46 143	48 904
Diluted (2)	49 764	48 978	47 977	50 064

- (1) The cumulative effect of change in accounting principle relates to the effect on prior years of the impact of the adoption of Staff Accounting Bulletin (SAB) 101, effective as of January 1, 2000 and set forth guidelines on the timing of revenue recognition of sales. The statements of operations for the three and nine months ended September 30, 2000 have been restated to reflect the retroactive adoption of SAB 101 as of January 1, 2000.
- (2) The calculation of diluted net earnings (loss) per share reflects the potential dilution that could occur if securities or other contracts to issue common stock were exercised or converted into common stock or resulted in the issuance of common stock that then shared in earnings of the Company. Only instruments that have a dilutive effect on net earnings (loss) are included in the calculation. The assumed conversion results in adjustment in the weighted average number of common shares and net earnings (loss) due to the related impact on interest expense. The calculation is done for each reporting period individually. Due to the loss reported in the three months ended September 30, 2001, the effect of securities and other contracts to issue common stock were anti-dilutive and no adjustments have been reflected in the diluted weighted average number of shares and net earnings (loss) for that period.

ASM INTERNATIONAL N.V.
CONSOLIDATED BALANCE SHEETS

(thousands except share data)	In Euro	
	December 31,	September 30,
Assets	2000	2001
		(unaudited)
Cash and cash equivalents	106 805	96 018
Marketable securities	5	5
Accounts receivable, net	238 620	139 699
Inventories, net	188 001	209 966
Other current assets	23 828	22 970
Total current assets	557 259	468 658
Property, plant and equipment, net	152 168	181 597
Goodwill, net	68 513	63 905
Total Assets	777 940	714 160
Liabilities and Shareholders' Equity		
Notes payable to banks	13 136	80 280
Accounts payable	142 342	70 361
Accrued expenses	88 703	66 148
Advance payments from customers	13 623	9 290
Deferred revenue	14 913	18 848
Income taxes	22 988	14 318
Current portion of long-term debt	31 484	1 633
Total current liabilities	327 189	260 878
Long-term debt	31 660	12 229
Deferred income taxes	838	189
Total Liabilities	359 687	273 296
Minority interest in subsidiary	109 931	114 181
Shareholders' Equity:		
Common shares		
Authorized 60,000,000 shares, par value Nlg .01, issued and outstanding 48,797,346 and 49,019,564 shares	221	222
Financing preferred shares, issued none	-	-
Preferred shares, issued none	-	-
Capital in excess of par value	252 784	254 161
Retained earnings	58 818	73 952
Accumulated other comprehensive income (loss)	(3 501)	(1 652)
Total Shareholders' Equity	308 322	326 683
Total Liabilities and Shareholders' Equity	777 940	714 160

At September 30, 2001 US\$ 1 = Euro 1.0943

All figures are based on US GAAP

Accounting principles applied are unchanged compared to the year 2000.

Auditors: Deloitte & Touche, Accountants

Stock: Traded on the NASDAQ National Market

System under the symbol 'ASMI' and on the
Euronext Amsterdam under the symbol 'ASM'

ASM INTERNATIONAL N.V.
CONSOLIDATED STATEMENTS OF CASH FLOWS

(thousands)	in Euro			
	Three months ended September 30,		Nine months ended September 30,	
	2000	2001	2000	2001
	(unaudited)	(unaudited)	(unaudited)	(unaudited)
Cash flows from operating activities:				
Net earnings (loss)	27 626	(12 736)	62 637	15 134
Depreciation and amortization	10 658	10 802	27 489	31 022
Cumulative effect of change in accounting principle, net of tax	-	-	3 790	-
Deferred income taxes	858	(266)	1 005	(649)
Minority interest	19 846	295	51 676	12 294
Changes in other assets and liabilities	(7 744)	2 318	(43 552)	(25 790)
Net cash provided by operating activities	51 244	413	103 045	32 011
Cash flows from investing activities:				
Net capital expenditures	(17 075)	(13 186)	(54 260)	(53 836)
Acquisitions of shares from minority shareholders	(70 860)	-	(75 461)	-
Proceeds from sale of marketable securities	5 165	-	5 165	-
Net cash (used in) investing activities	(82 770)	(13 186)	(124 556)	(53 836)
Cash flows from financing activities:				
Notes payable to banks, net	(5 677)	59 731	(16 040)	67 144
Proceeds from issuance of shares	218	925	126 765	1 378
Proceeds from long-term debt	74 461	543	78 443	2 076
Repayments of long-term debt and subordinated debt	(3 232)	(41 872)	(65 986)	(54 928)
Fair value of put options for structured equity line	(988)	0	(988)	0
Dividend to minority shareholders	0	0	(7 640)	(9 407)
Net cash provided by financing activities	64 782	19 327	114 554	6 263
Exchange rate effects	17 046	(8 839)	20 191	4 775
Net increase (decrease) in cash and cash equivalents	50 302	(2 285)	113 234	(10 787)