

SHRINKING DIMENSIONS EXPANDING PERSPECTIVES



SEMICON PHOTONICS MATCHMAKING 2018

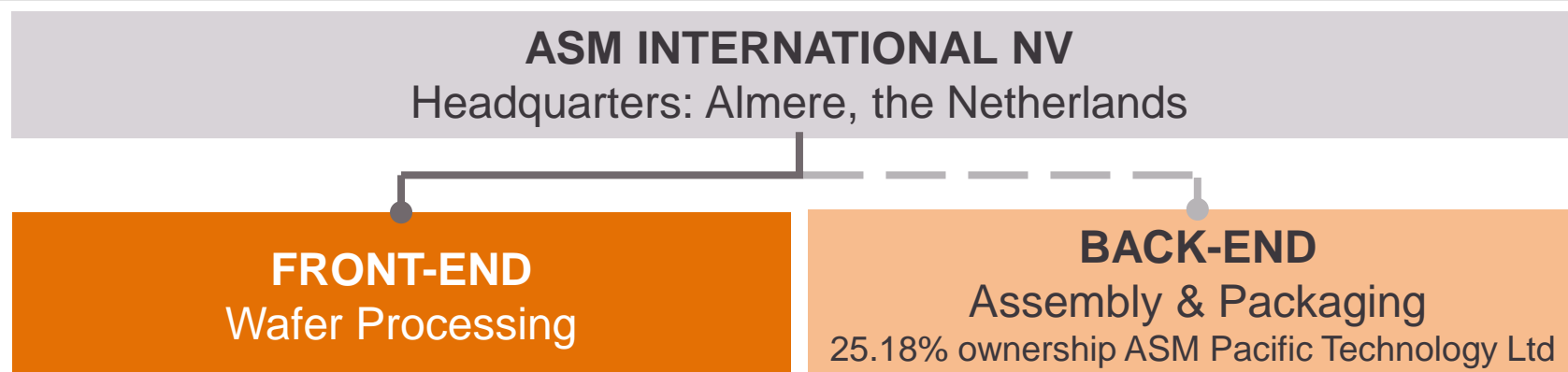
ASM CORPORATE OVERVIEW

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October 4, 2018

OUTLINE

- › ASM at a Glance
- › Product Portfolio

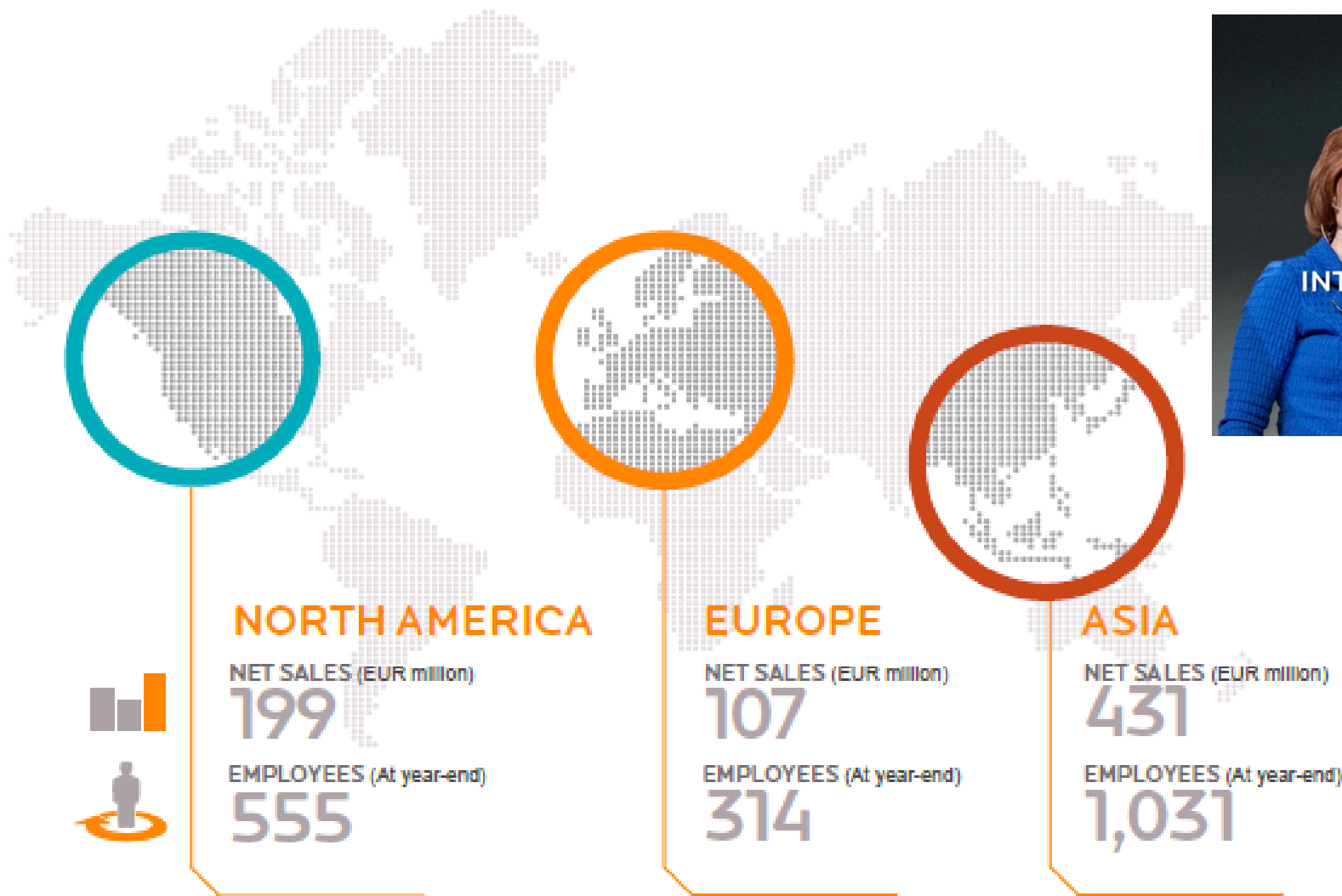




BOOKINGS EUR million	NET SALES EUR million	OPERATING RESULT EUR million	RESULT FROM INVESTMENT* EUR million	OPERATING CASH FLOW EUR million	CASH EUR million	EARNINGS PER SHARE* (Diluted) EUR	NET EARNINGS* EUR million
774	737	113	112	116	836	3.21	190
STAFF Employees	EMPLOYEES IN R&D	PATENT FILINGS	PATENTS IN FORCE	GLOBAL INJURY RATE Per 100 employees	GHG EMISSIONS mtCO ₂ e per million R&D investment	WATER CONSUMPTION m ³ per million R&D investment	LANDFILL DIVERSION RATE
1,900	26%	115	1,604	0.62	158	1,559	79%

* Excluding effect of sale of ASMPT shares

AT A GLANCE – GLOBAL OPERATIONS



AT A GLANCE – COMPANY LOCATIONS



ASM FOCUSES ON DEPOSITION EQUIPMENT



Thermal ALD Systems

- Pulsar® XP4: high-k materials
- EmerALD® XP4: metal gate
- Synergis® XP8: high productivity ALD cluster



Plasma Enhanced ALD Systems

- Eagle® XP8: high productivity ALD cluster



Epitaxy CVD Systems

- Epsilon® 2000 and 3200 series
- Intrepid® XP4: strain, high mobility materials



Plasma Enhanced CVD Systems

- Dragon® XP8: high productivity CVD cluster



Vertical Furnace Systems

- Advance® A400 and A412 series: LPCVD, ALD, oxidation, cure, diffusion / anneal

MARKET LEADER IN ALD

**LOGIC, MEMORY, MORE-THAN-MOORE:
150 – 300 MM WAFER SIZE**

THANK YOU!



WE'RE HAPPY TO DISCUSS YOUR PHOTONIC FABRICATION NEEDS

