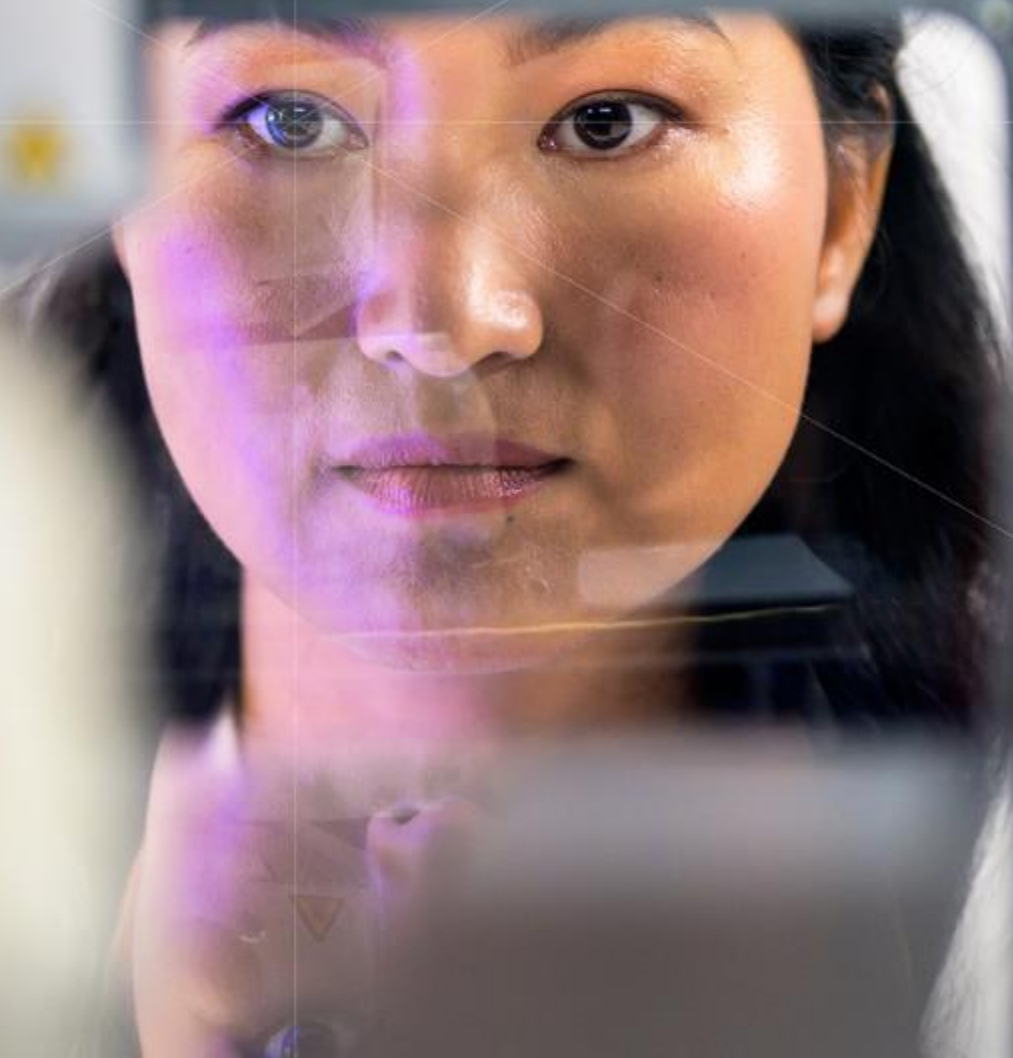


Welcome to the world of ASM

Ahead of what's next





ASM, Ahead of what's next

Top 10 supplier of semiconductor process equipment for wafer processing



A heritage of

54 years

of relentless research and innovation, and breakthrough technologies



Employees working in R&D

965



Gross R&D expenses

€302 m



Target Net Zero by

2035



Number of countries present

15

We have suppliers in more than 20 countries

Historical revenue
In € million



2018



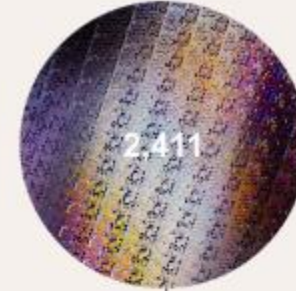
2019



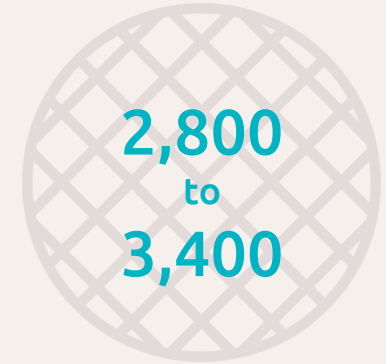
2020



2021



2022



2,800 to 3,400



Our focus on deposition tools

- A leading mid-50s percentage market share in ALD
- Growing position in silicon Epi
- Selective growth in vertical furnaces and PECVD
- Spares & Services increasingly driven by outcome-based services
- Entering silicon carbide Epi in 2022 with the acquisition of LPE



Number of employees



2018



2019



2020



2021

4200+

2022



* Excluding proceeds from patent litigation and arbitration settlement.



Enabling semiconductor technology developments

ASM's technology is key to meeting the demand for semiconductor chips. We're a leader in Atomic Layer Deposition (ALD), with a growing position in Epitaxy and niche positions in PECVD and Vertical Furnaces.

ALD



- Broadest portfolio of ALD products and applications
- Innovative strength in ALD reactor design
- Strength in chemistries and new materials
- Superb cost of ownership, film performance, high flexibility

EPI



- Superb isothermal reactor design with best in class close-loop direct wafer temperature control
- Low cost of ownership and outstanding monolayer film control for advanced CMOS
- Outstanding performance and cost of ownership for power/analog/sensor market

Integrated Surface Clean



- Developed wide range of critical surface clean technologies
- Clustered with both Epi and ALD

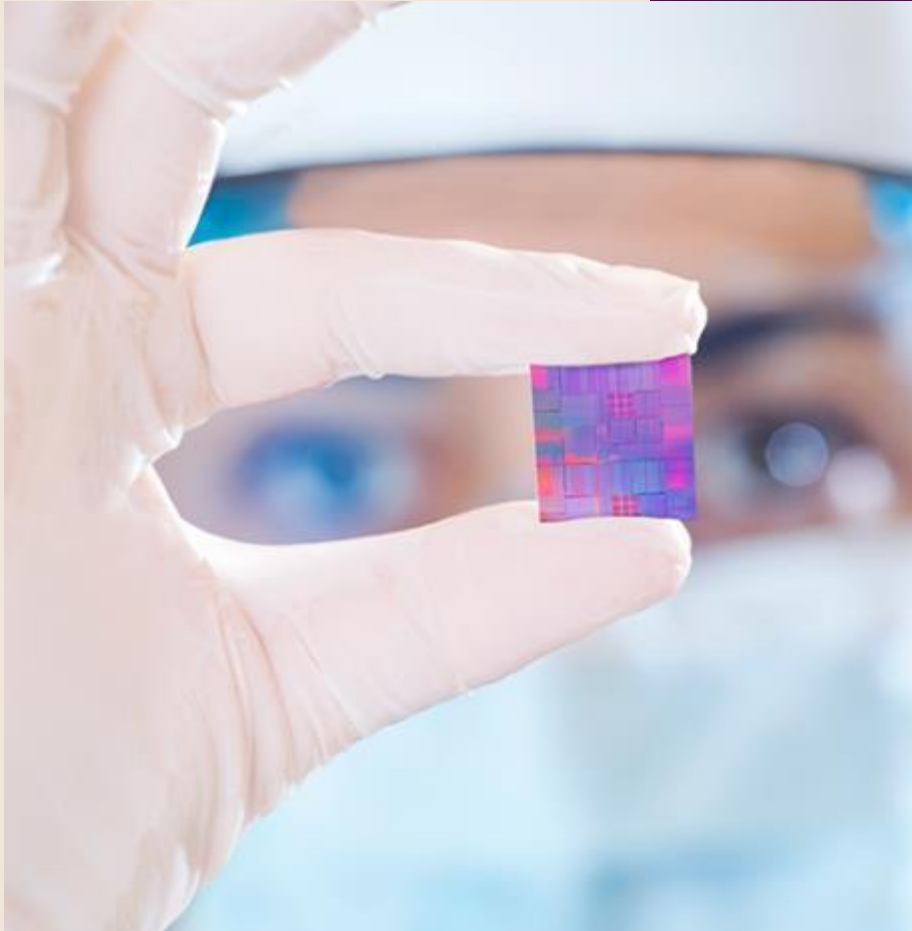
SiC



- In 2022, we made our entry into the fast-growing Silicon Carbide (SiC) market.
- SiC epitaxy equipment business experiencing strong growth driven by the rapidly expanding market for electric vehicles



Building blocks of a better tomorrow



PURPOSE

Our purpose is to improve people's lives through advancing technologies that unlock new potential.

MISSION

Our mission is to enable our customers' success by creating leading-edge semiconductor process products, services, and new materials.

STRATEGY

Our strategy is Growth through Innovation.



Making a difference for the planet

2035 Net Zero target

Reduce environmental footprint of our operations

100% renewable electricity by 2024

Aim to be net zero by 2035 (scope 1, 2 and 3 emissions)



Our Key ESG Results

Environment

76% Renewable Electricity

-4.7% Water withdrawal

+109% Reuse of shipping packaging

Society

0.55 total injury rate

17% females in total ASM population

+5% employee engagement

Governance

S&P CSA Yearbook Industry Mover

33rd Corporate Knights Global 100



ASM Japan: Core R&D site for product, platforms and software



ASM Japan K.K founded in 1982, one of the first 100% Dutch company to be established in Japan. More than **40 year history of R&D** for development of plasma products to enable semiconductor technology.

ASM is **developing technologies for global market from Japan**. ASM Japan is **core R&D site** for Plasma product (PEALD, PECVD) process and chamber R&D as well as Platform and software R&D for all ASM products

We have 426+ people across 7 locations in Japan. Our Japan headquarters in is **Tama, Tokyo** and our people and our advanced semiconductor devices are supporting customers in Kitakami, Higashi-Hiroshima, Kumamoto, Nagaoka, Yokkaichi.

Our **workforce is highly skilled** with >70% in R&D, Engineering and >50% advanced degrees.

ASM is **committed to investment and growth** in Japan and ask for support and partnerships to continued **expansion of our innovation footprint**.

Ahead of what's next



Thank you.