



embracing a better life

INNOVATION WITHOUT LIMITATIONS

Discover how you can leverage imec's world-leading infrastructure and expertise to accelerate your nano- and digital technology innovation.

Join imec's research

As an R&D hub, imec's mission is to take nano- and digital technology to the next level. Our research looks three to ten years ahead of industrial applications.

Getting involved is your opportunity to gain first access to the technologies that will shape the future.

Choose how you want to reap the benefits of imec's research capabilities:

- Enter a joint pre-competitive research program with other partners. *You get early insights into results. And can participate in shaping our research roadmap.*
- Set up a bilateral research collaboration with imec. *You accelerate your project while securing exclusive IP.*

Imec's research topics are:

- semiconductor and system scaling
- integrated photonics
- health and life sciences
- sensing and actuation
- connectivity
- compute system architecture
- energy technologies
- GaN power electronics
- artificial intelligence

For more details, visit
www.imec-int.com/expertise



Tap into our capabilities to develop your technology solution

Creating an ASIC, microdevice, or system requires exceptional infrastructure and know-how. That's where a trusted partner such as imec comes in. **Speeding up your development. De-risking the process. And supporting you all the way:** from designing to prototyping, low-volume manufacturing, and mass manufacturing via easy access to mainstream foundries.

There are several ways in which imec is ready to support your development:

- Team up with **imec.IC-link**, imec's division for ASIC solutions to develop your customized chip – from a few prototypes to high volumes. Find out more on www.imeciclink.com
- Take advantage of imec's infrastructure and expertise to develop and manufacture your **customized MEMS and silicon microdevices**. Find out more and download our white paper on next-gen technologies for microdevice development at www.imec-int.com/microdevices



Did you know that imec is one of the world's only R&D centers with a fully equipped pilot line for microdevices?

By developing your product on our industry-grade tools, you facilitate the transfer of your production to commercial foundries. Prototypes and low volumes (below 1,000 wafers per year) can be manufactured in imec's cleanrooms.

Unique infrastructure

Imec's research facilities include:

- A 300mm cleanroom where we mainly work on next-generation technology nodes with our global partners. It contains all the necessary 300mm equipment to allow advanced sub-2nm CMOS R&D.
- A 200mm cleanroom where we develop on-demand products that require heterogeneous integration.
- State-of-the-art laboratories for profound research into materials and processes, metrology and testing, neuro-electronics and life sciences, ...

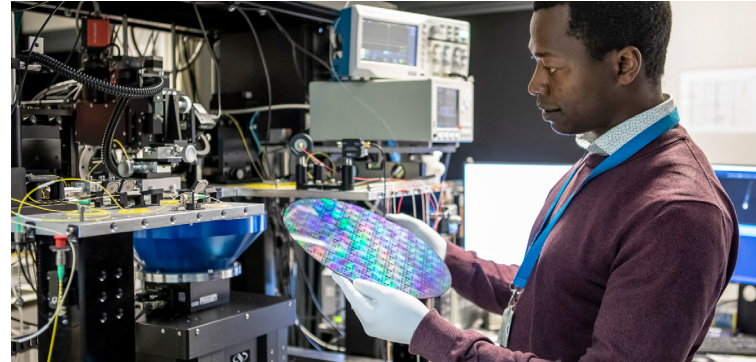
Find out more on www.imec-int.com/infrastructure

Support for deep-tech start-ups

Are you embarking on a deep-tech venture? Then you need a lot more than a promising idea – or even a working demonstrator. You need infrastructure and expertise, funding and business support, and access to the tech industry's value chain.

Through its central position in the deep-tech ecosystem and its comprehensive venturing experience – launching 25 spinoffs between 2017 and 2021 alone – imec is the ideal partner to take your idea and guide it towards commercial maturity.

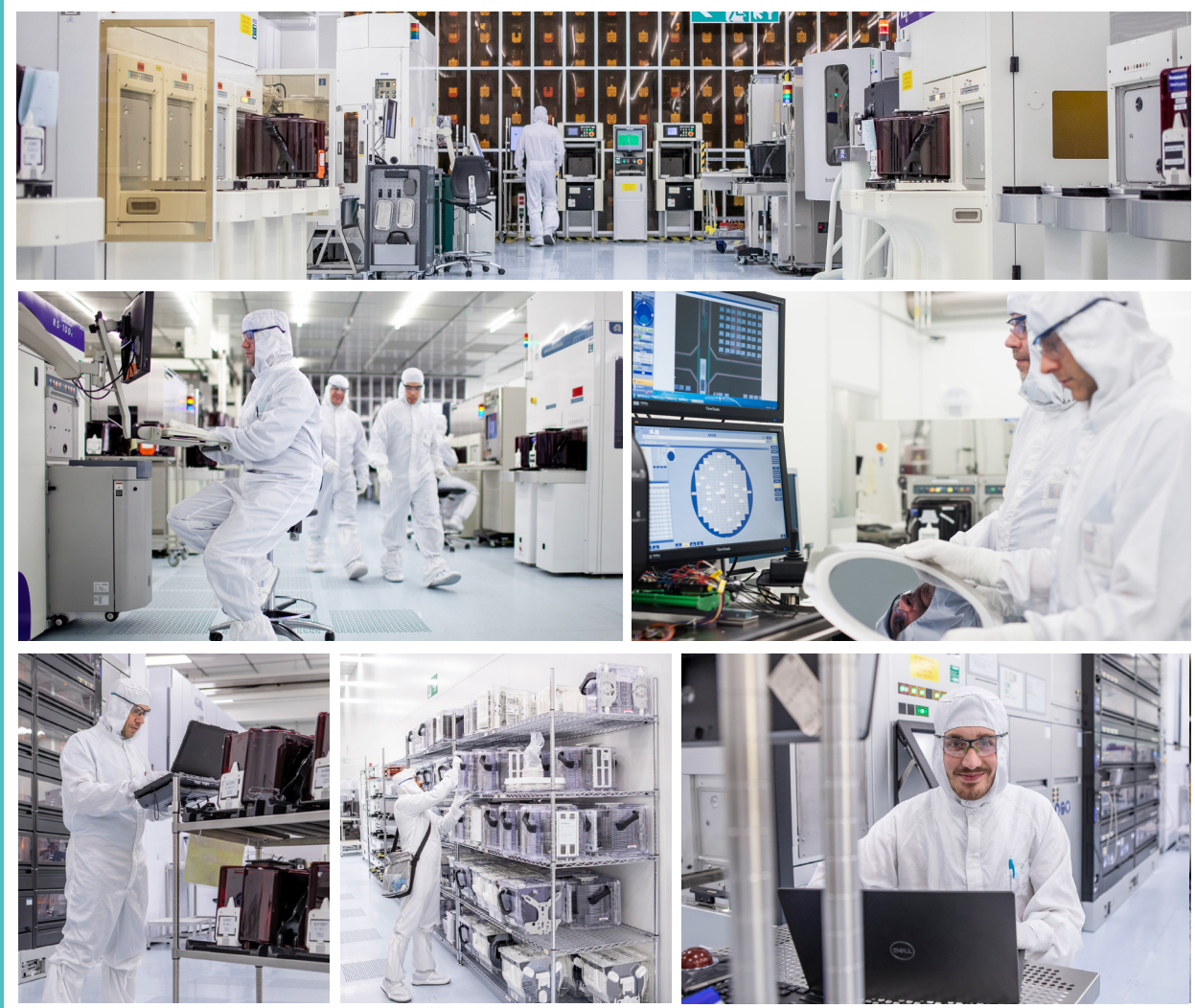
Find out more on www.imec-int.com/deeptech



Ready to talk about your R&D challenge?

Imec has research groups and local offices over three continents.
Reach out to our experts to discuss how imec can contribute to accelerating your innovation.

Go to www.contactimec.com



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About imec

Since its inception in 1984, imec has continually been one of the main drivers behind semiconductor scaling. We continue to push the boundaries of microchip technology using groundbreaking research on materials, devices and chip processing. And by joining forces with the entire semiconductor ecosystem.

On top of that, we leverage this deep-tech know-how and combine it with software and system knowledge to build an exceptional portfolio of advanced technologies. Combining these technologies opens the door to smart, sustainable solutions in domains such as healthcare, clean energy, automotive, Industry 5.0, infotainment and agrofood

To find out more, go to
www.imec-int.com/aboutimec

