

ECS BROKERAGE EVENT 2025

18-19 February

Hotel Le Plaza, Brussels



EPoSS.
European Association on
Smart Systems Integration



INSIDE
Industry Association

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EVENT 2025

NanoIC: Accelerating beyond-2nm innovation across the ecosystem

Inge Asselberghs, imec

The NanoIC pilot line is hosted and coordinated by



and leverages existing and new tools in its fabs

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NanoIC

Pilot line project partners

imec



VTT



Coordinated by **imec**

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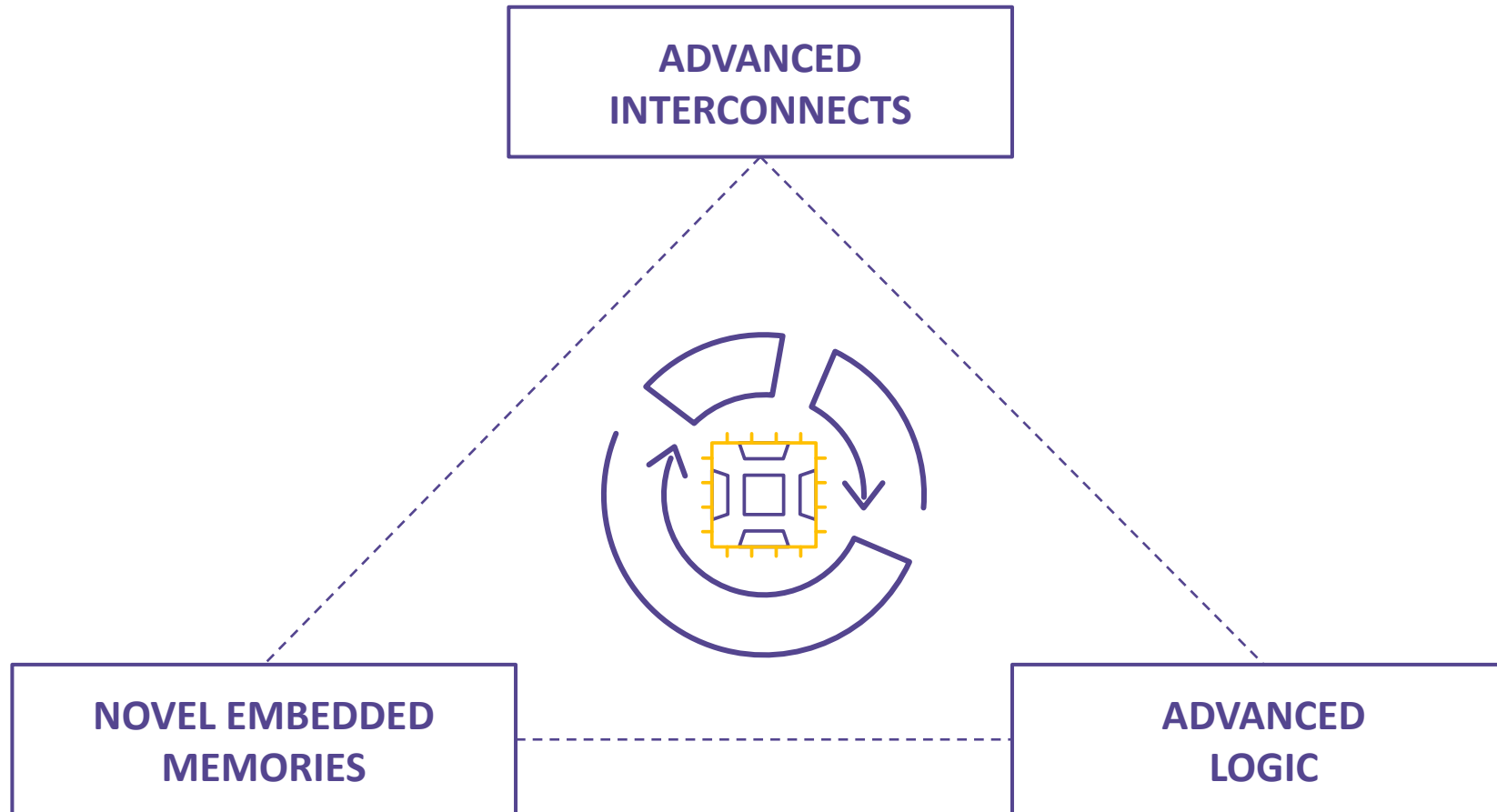


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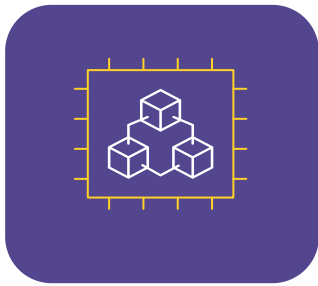


*NanoIC will provide Europe with a
beyond-2nm leading edge
system-on-chip pilot line.*

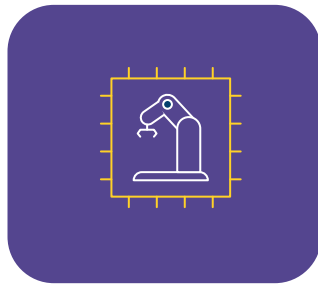
To enable beyond 2nm SoC,
the NanoIC pilot line offers collaborative R&D possibilities:



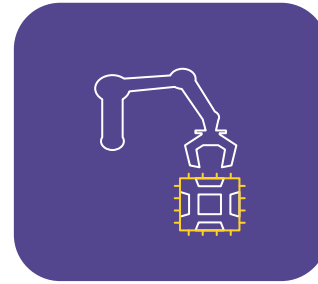
Progression requires extensive research into



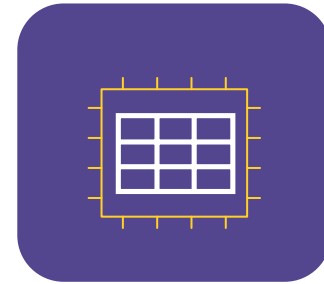
New materials



Process modules

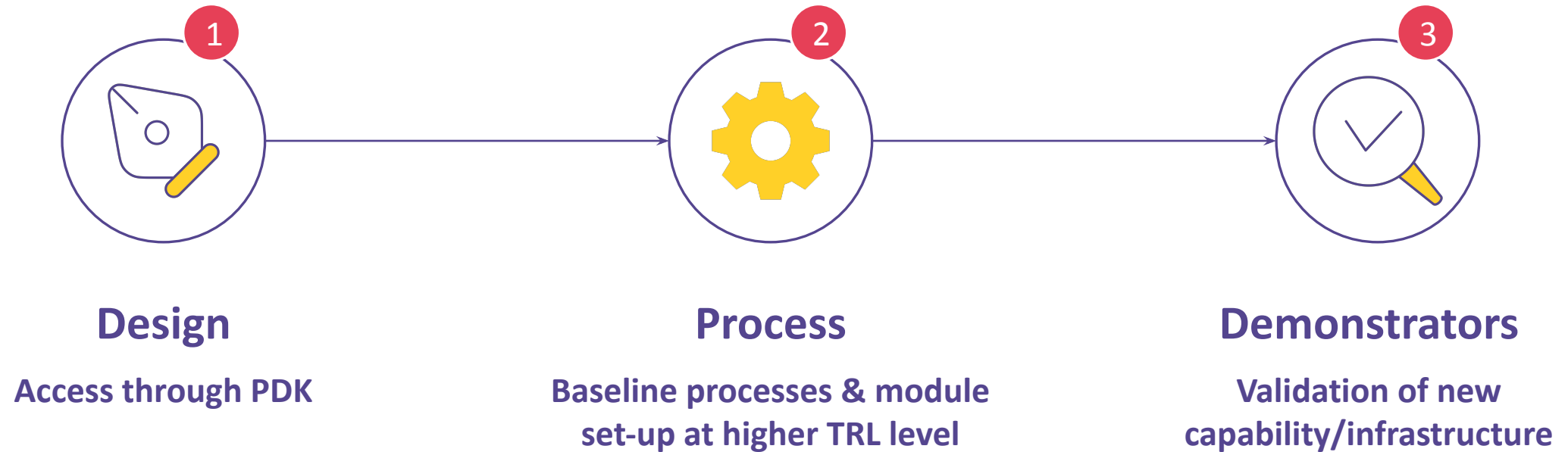


Equipment

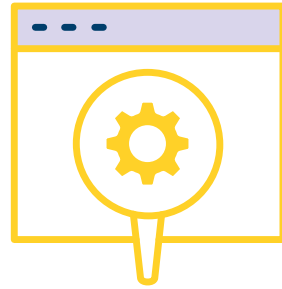


Advanced
patterning
capabilities

How to access?



To enable the exploration of the potential impact of the pilot line technologies



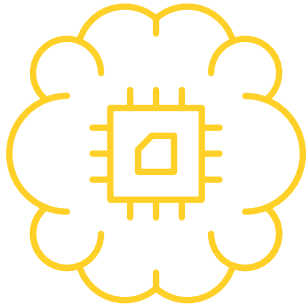
DESIGN PATHFINDING
PDKs



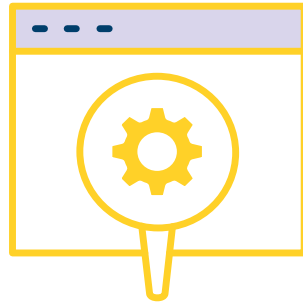
SYSTEM EXPLORATION
PDKs

available to academia and designers
(including SMEs and start-ups)

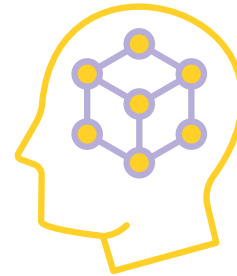
Building a skilled European semiconductor workforce



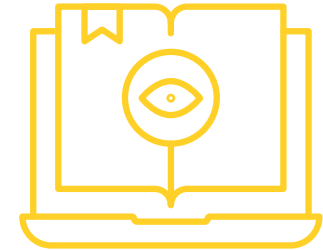
Opportunities
for **PhD** students
and **internships**



PDK
workshops

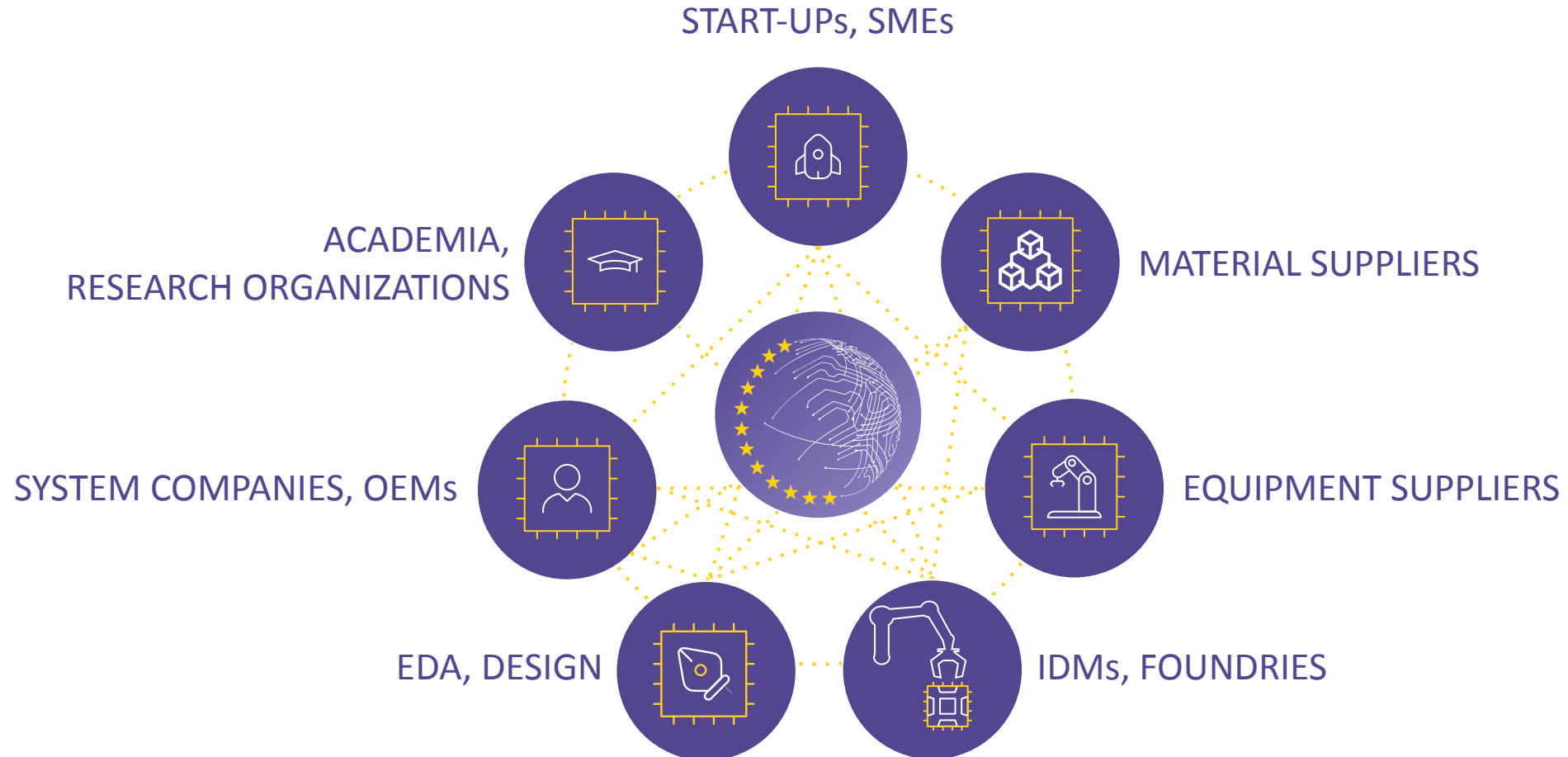


Bootcamps



Expert courses

The NanoIC pilot line offers opportunities for the entire ecosystem



Join the NanoIC journey...

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NanolC

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nanoic-project.eu



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