RIE2025 round-up

1 Helped advance Singapore's economy

Spending

Business expenditure on R&D grew

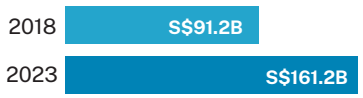
64%



Value added

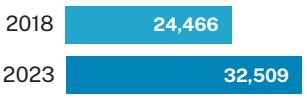
The value-add from R&D-performing firms grew

>75%



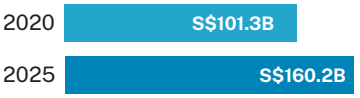
Industry R&D jobs grew,

>70% filled by Singapore residents



Semiconductor manufacturing output grew nearly 60%,

employing **>34,000**

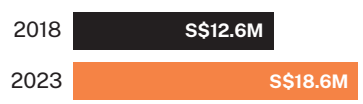


2 A growing research and innovation ecosystem

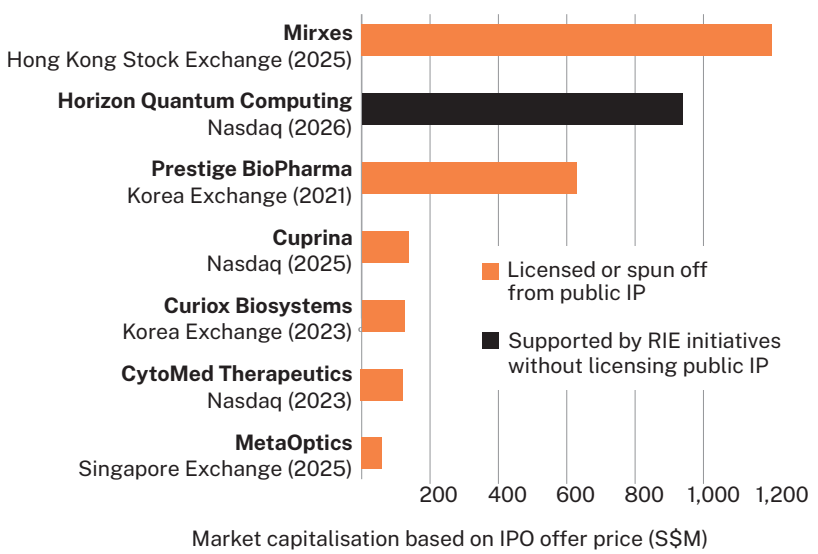
Deep-tech startups maintained venture capital funding levels



Licensing revenue from public-sector IP grew 47%



Notable deep-tech startup exits



*Note: Another notable exit is Advanced Micro Foundry, a silicon photonics foundry spun off from A*Star in 2017, which was acquired by GlobalFoundries in November 2025. It is not represented in the chart as the deal terms were undisclosed.*

3 Supported national needs and priorities

>250

research findings resulted in new or improved clinical care, local and international clinical guidelines, and healthcare policies between 2021 and 2024

WIDE-RANGING

R&D findings and solutions for Covid-19 response

Singapore developed the world's first neutralising antibody serological test (cPass) for Sars-CoV-2

426MWp

of Singapore's floating solar capacity in operation or in the works, enough for **>100,000** 4-room HDB flats

Outperformed conventional rooftop solar systems by up to 15%

UP TO 15%

improvement in wind flow for thermal comfort by modelling and optimising wind flow in new residential precincts

4 Nurtured top-tier talent and research capabilities

20.2%

of Singapore publications among top 10% most-cited globally

77%

of research citations are above global average

In various established ranking indices, the National University of Singapore (NUS), Nanyang Technological University (NTU), A*Star and Singapore General Hospital are among **TOP 25** globally

19 science, technology, engineering and mathematics (Stem) subjects in NUS and NTU within **TOP 10** globally

8 IN 10 Stem PhDs support RIE2025 research priorities

SOURCE: NATIONAL RESEARCH FOUNDATION GRAPHIC: DAVID LI, BT