

Printed Electronics Helix Launch Event

Investment trends

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01

Where I am coming from



Acceler8 Venture Builder

Disruptive innovations

Life Science
Deeptech



Ventures
Thrive

32 Companies

Call 2, Oct 2023

€5,000 - 32

€75,000 - 16

<https://venturesthive.eu>

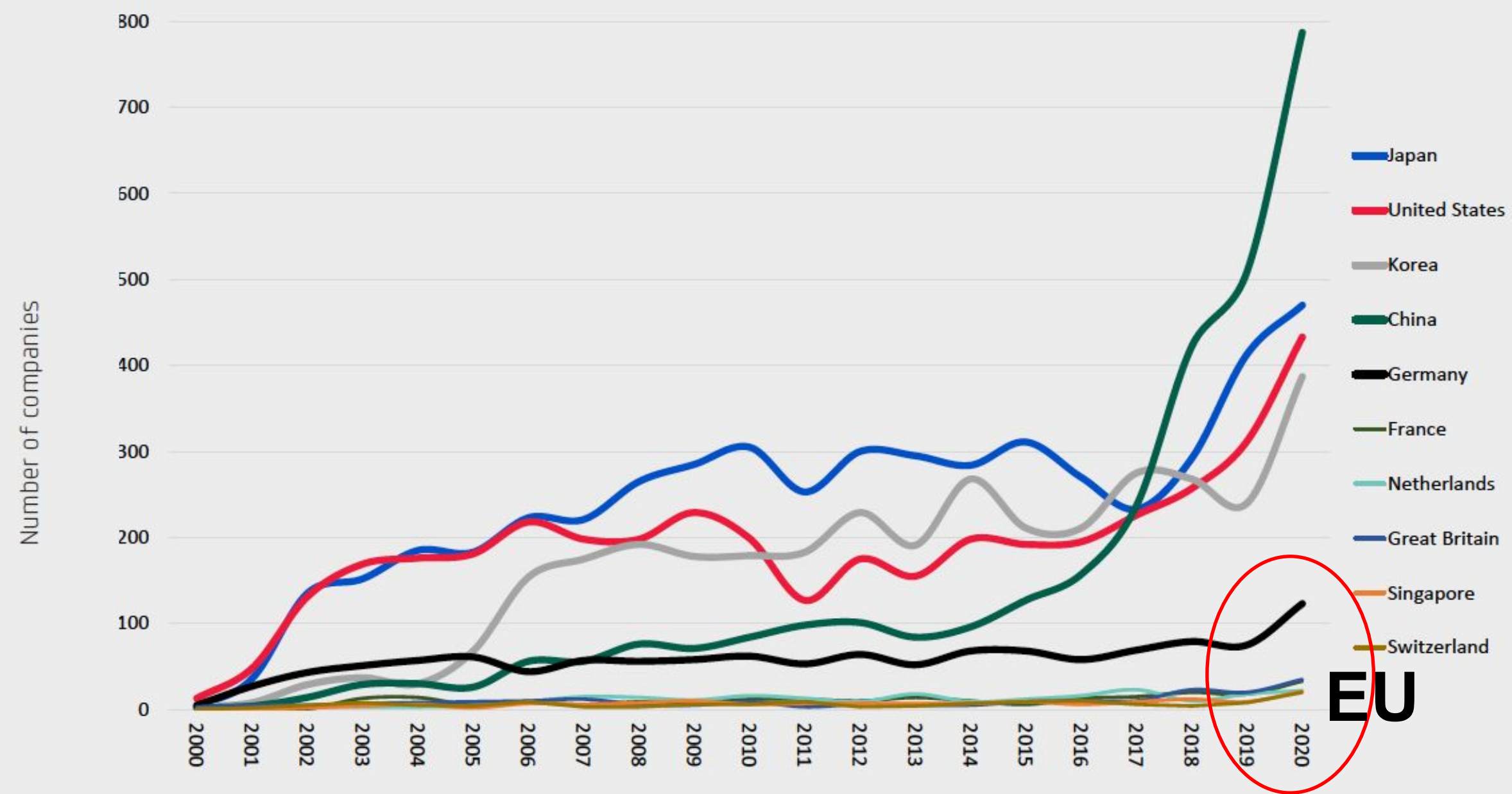


Funded by
the European Union

02

EU and Printed Electronics innovation

FIGURE 5: NUMBER OF PATENTS, THE LOCATION OF THE ASSIGNEES WITHIN PRINTED ELECTRONICS, TOP 10 COUNTRIES



Note: Extract 5. May 2021. N: 18980 patent families. Source: PatSnap, processed by Danish Technological Institute

EU

03 The EU has understood the gap

2018 Brussels Workshop:
Recommendations for action at European level to strengthen flexible and printed electronics value chains and build up coherent and connected manufacturing capacities.

04 Aims and strategies

Job creation, competitiveness, economic growth, improved quality of life and sustainable development.

Technological sovereignty, access to necessary raw and processed materials. Flexible and lean supply chains.

Industrial strategy, Digital transition, Green Deal, New European Innovation Agenda, European Chips Act

05 Strategic areas

Key Enabling Technologies

Advanced materials and nanomaterials

Automotive, Aero-Space, Energy, etc.

Advanced Manufacturing

Industrial engineering market is dominated by China and Europe

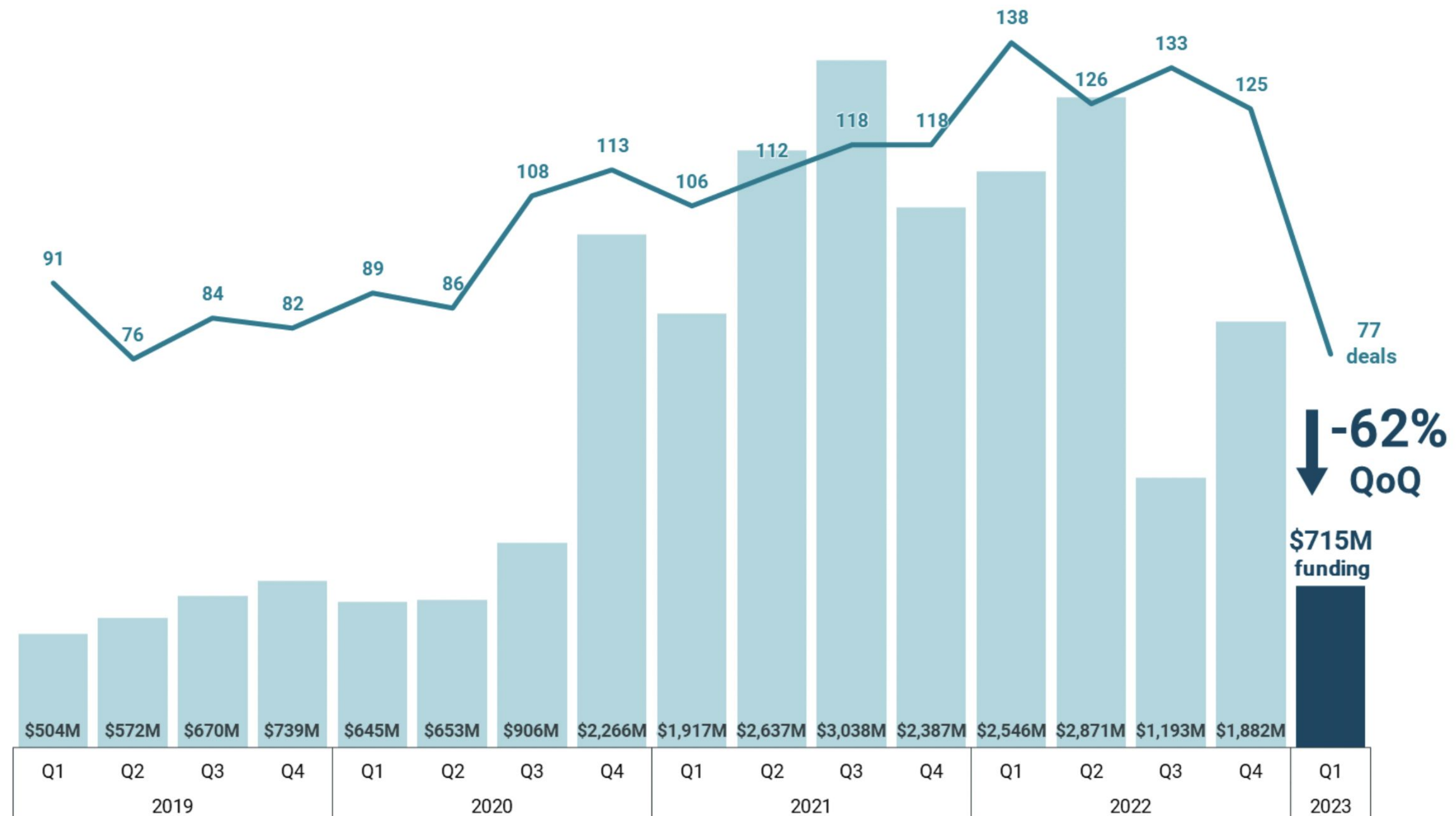
Automotive, Consumer electronics, Healthcare, Aero-Space, Smart packaging etc.

06 EU supports R&I in advanced manufacturing

- Advanced manufacturing companies employ 28.5 million people in almost 2 million enterprises
- the EU27 has 22% of the world's manufacturing output => €421 billion surplus
- 64% of private sector research development expenditure and 49% of innovation expenditure in Europe.
- Europe is strong in advanced manufacturing technologies, with the highest share of world patent applications and the highest number of venture capitalist backed firms



Advanced manufacturing sees a funding slowdown in Q1'23



State of Advanced Manufacturing Q1'23
Source: CB Insights



08 Horizon Europe and related programmes

Made in Europe seeks to increase the number and attractiveness of jobs in manufacturing, while securing the environmental, economic and social sustainability for future generations in Europe. Public-private partnership, €1.8B.

Cluster 4 Digital, Industry and Space – resource efficiency; Advanced biomaterials for the Health Care; RIs services to enhance the EU capacity for the development of semiconductors

The Chips for Europe Initiative, €11 billion to finance technology leadership in research, design and manufacturing capacities

EIT Manufacturing Strategic Agenda SO3 Globally Competitive and Resilient Manufacturing. Manufacturing flexibility, through lean and agile processes and new technologies

Thank you!



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