

KAIST Deep Tech : Global Technology Value Creation

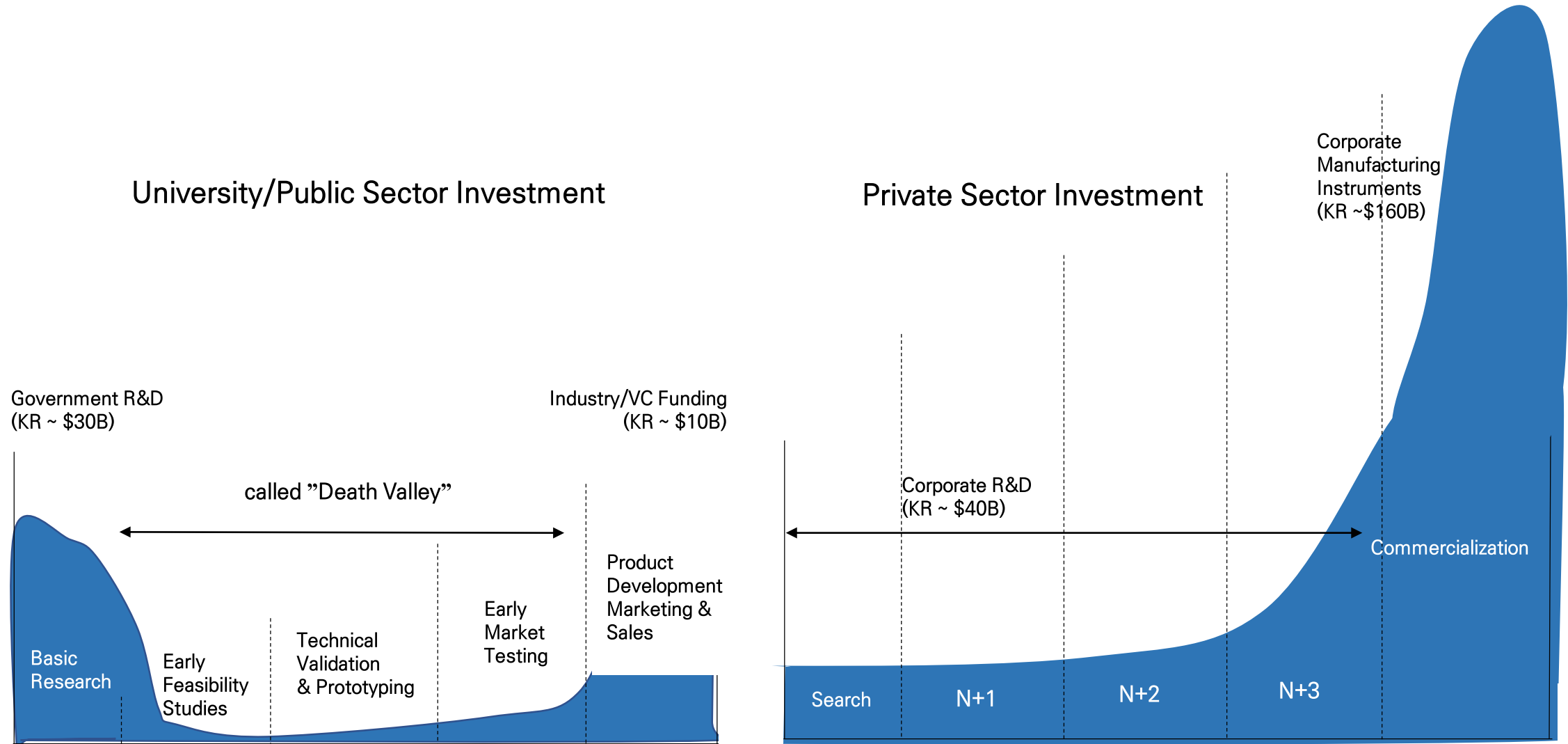
KAIST ITVC
KAIST INSTITUTE OF TECHNOLOGY VALUE CREATION

 **KAIST HOLDINGS**

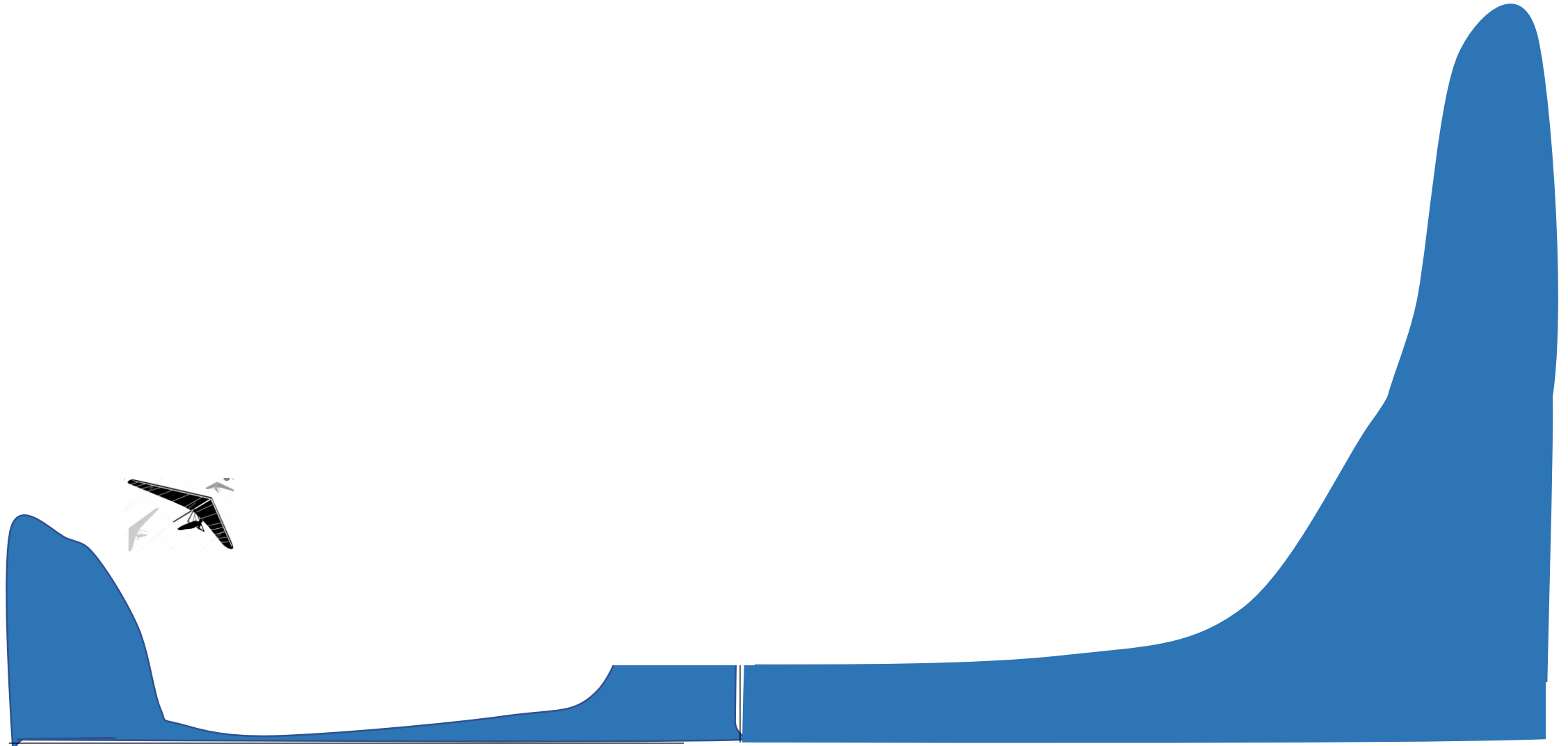
Nov 8, 2022



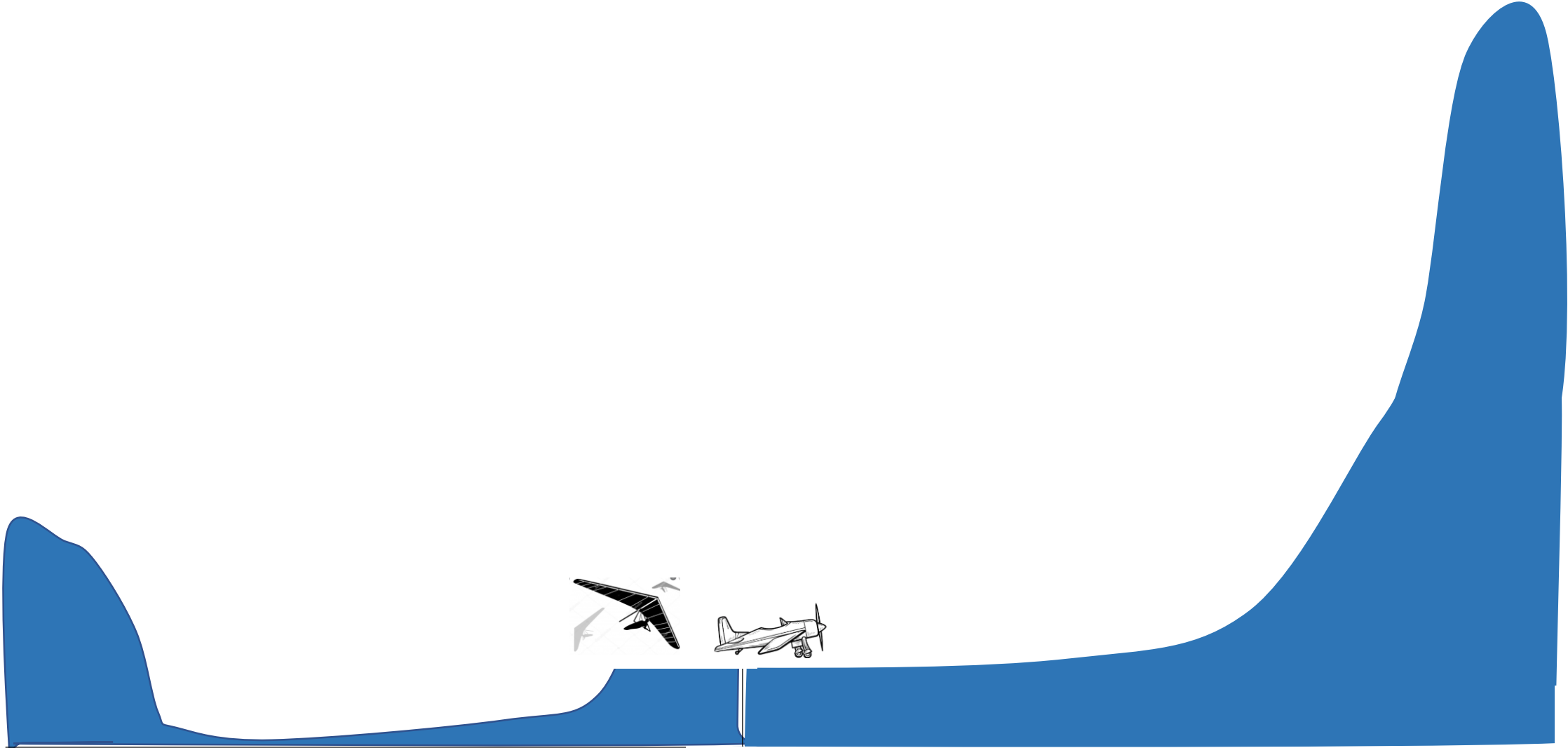
Way to go: Deep-Tech Commercialization



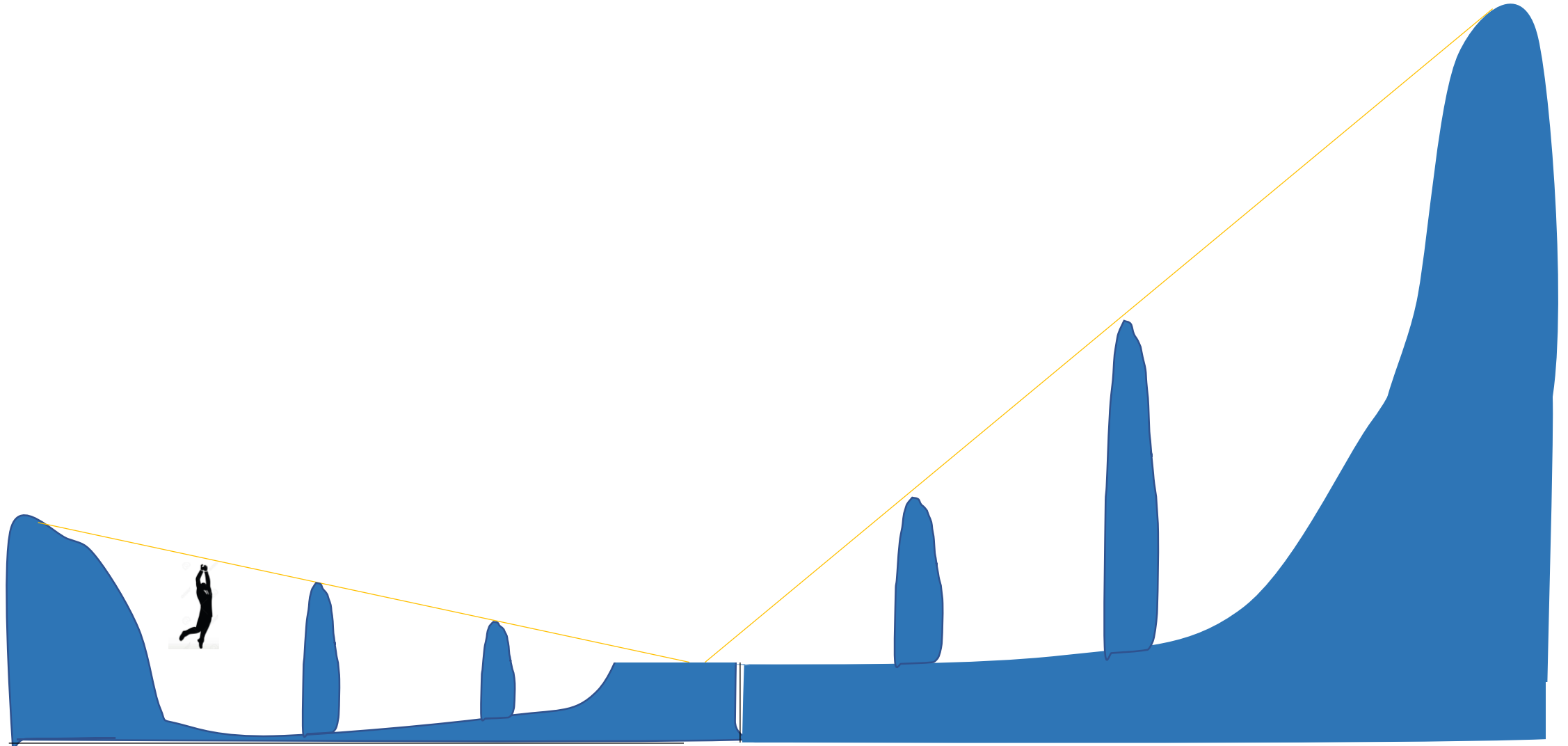
Deep-Tech Commercialization Way to go



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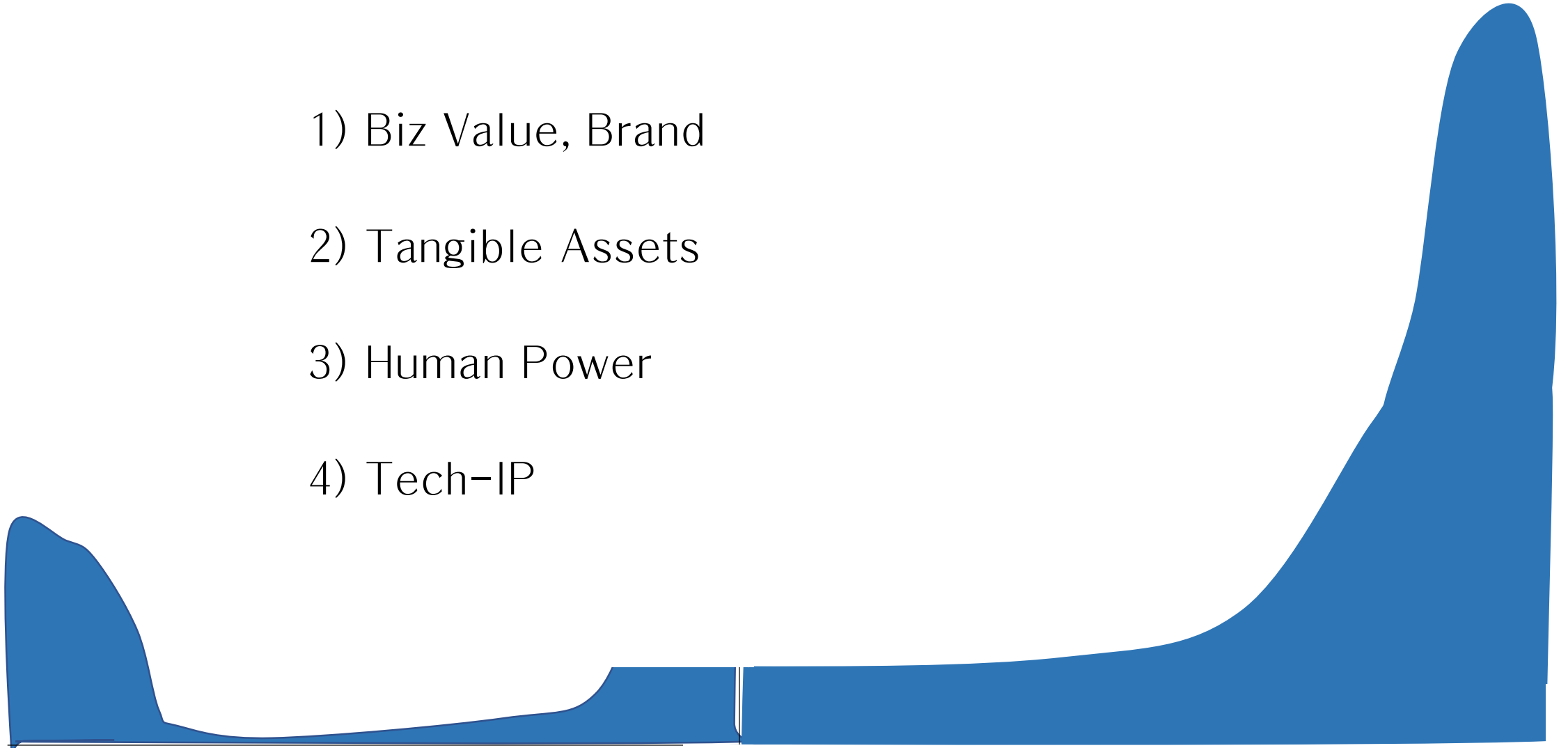
Deep-Tech Commercialization Way to go



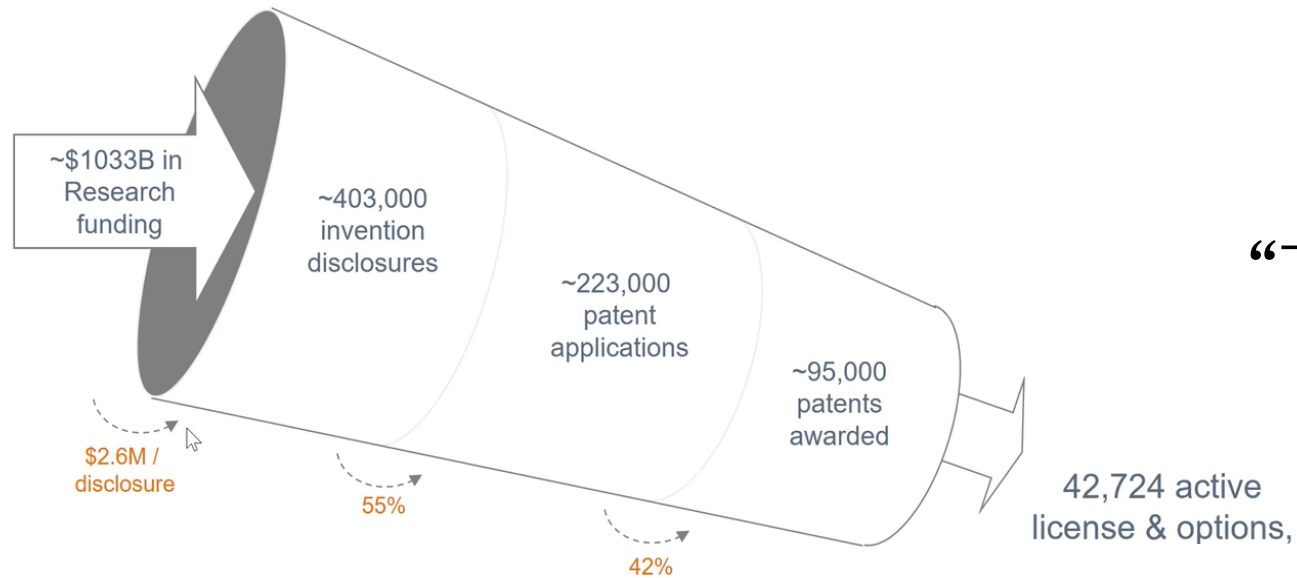
STRATEGY Questions

- 1> Whose EXIT ? Institute, Founder, Investor
- 2> Tech-License, Stock Sales (Next Investment, IPO, M&A)
- 3> Values of Deep Tech Startups

- 1) Biz Value, Brand
- 2) Tangible Assets
- 3) Human Power
- 4) Tech-IP

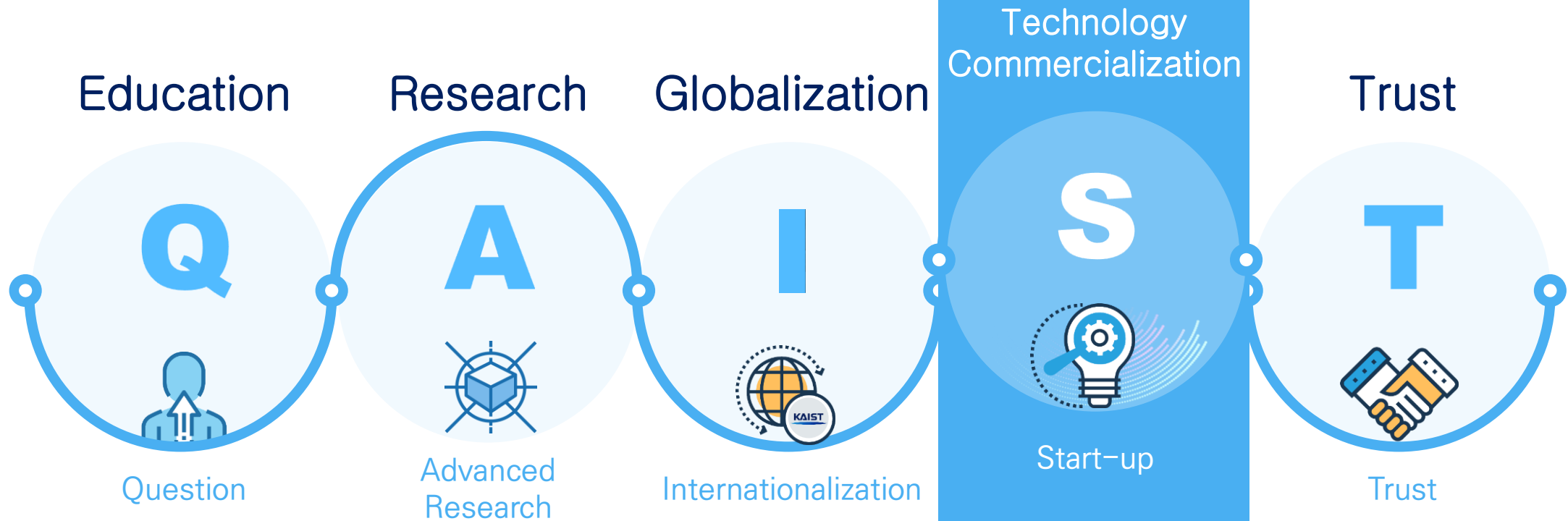


US Universities Cumulative Input & Outputs [1991-2018]



“Time can NOT be reversible”

Source: AUTM Licensing Surveys (FY91-FY18)



Since Jan. 2022. KAIST HOLDINGS



❖ Industrial Coop.– IP – Tech Transfer – Startups – Collect – Reinvestment

❖ Global Technology Value Creation, K-Tech Korean Wave Unicorn/Decacon Creation



KAIST

KAIST Tech-Commercialization

Industrial R&D

Industry Co-ops

IP

Tech-Transfer

Startup Incubation

Investment

* Capital \$10M, 10 person (~2024)

KAIST Holdings (Value Chain Management)

Partners

Family Corps. Design

LAB spin-off

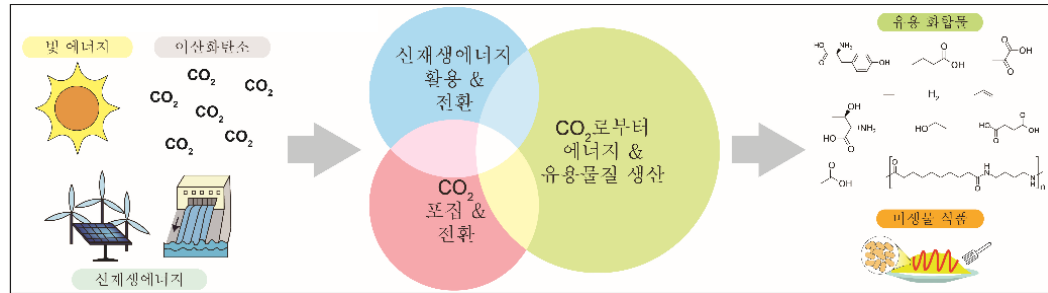
Overseas

Family Corps
Tech / Capital Invested

Biz/Compliance Support

US KAIST Holdings

■ APL (Artificial Photosynthesis Lab) *July, 22. 7

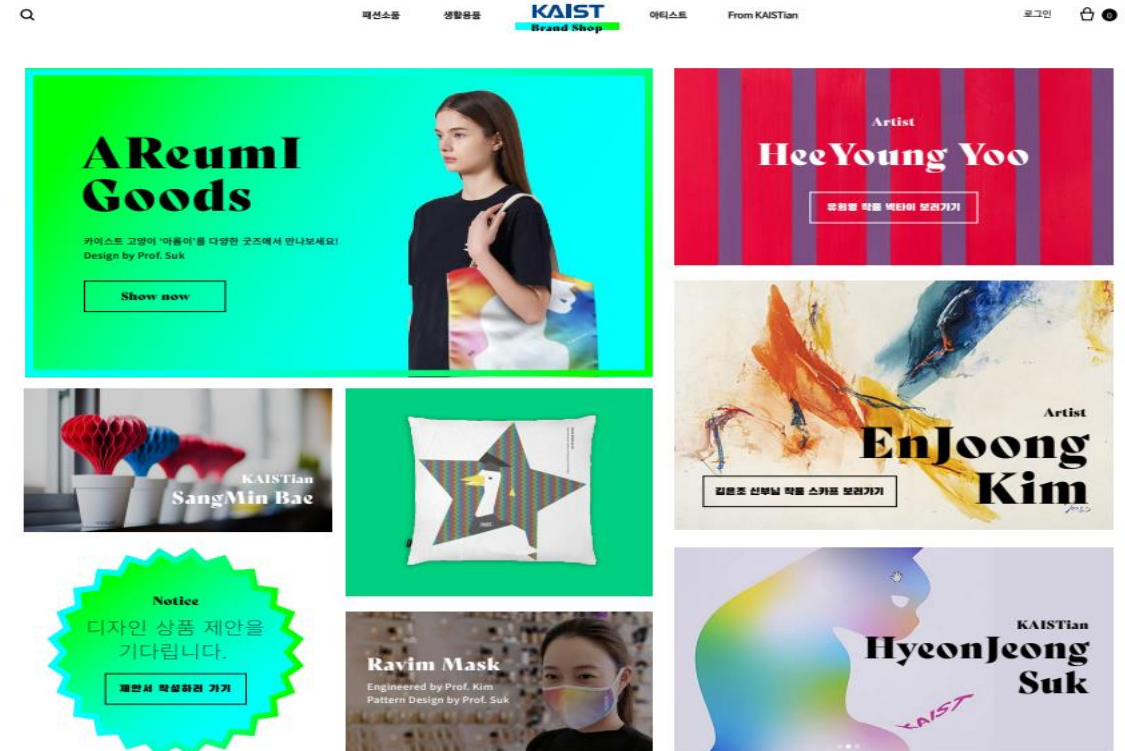


- \$20M/10years (Hana Financial Group)
- 5Professors, 14 Key Patents (Tech Emergence)

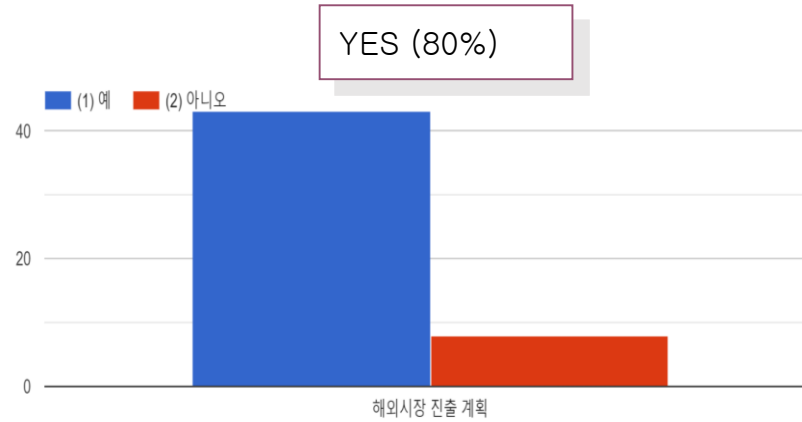


■ BRAND KAIST *July, 22. 7

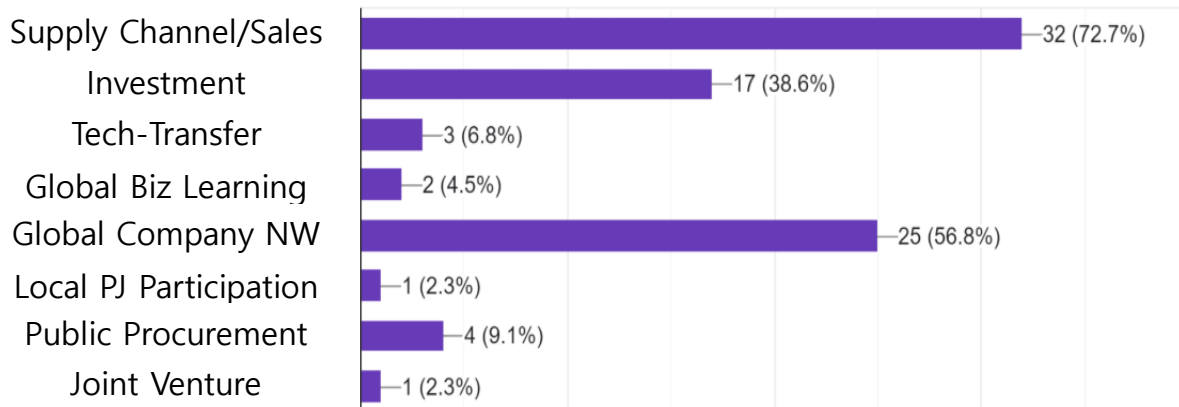
- KAIST Faculty/Students participation
- Global Brand Biz. & Revenue return to KAIST



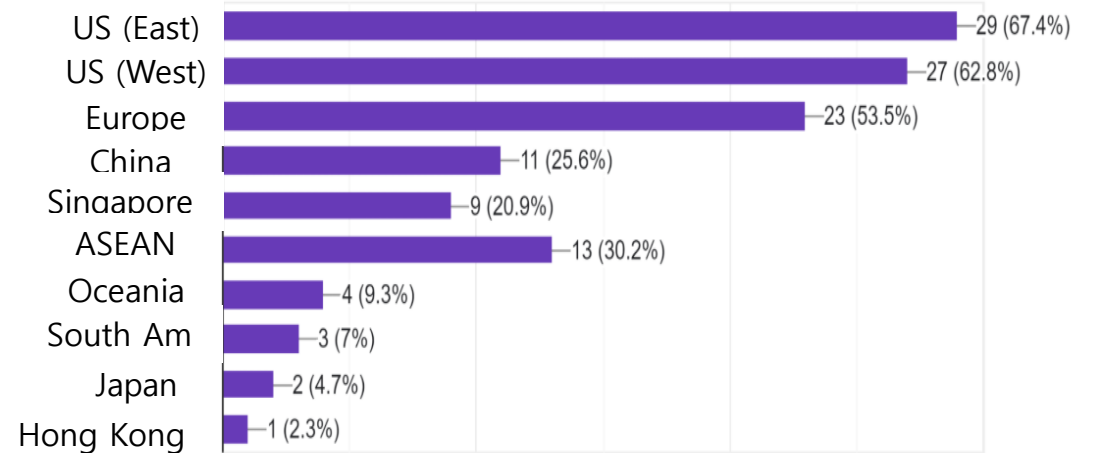
Overseas Expansion (<3 year)



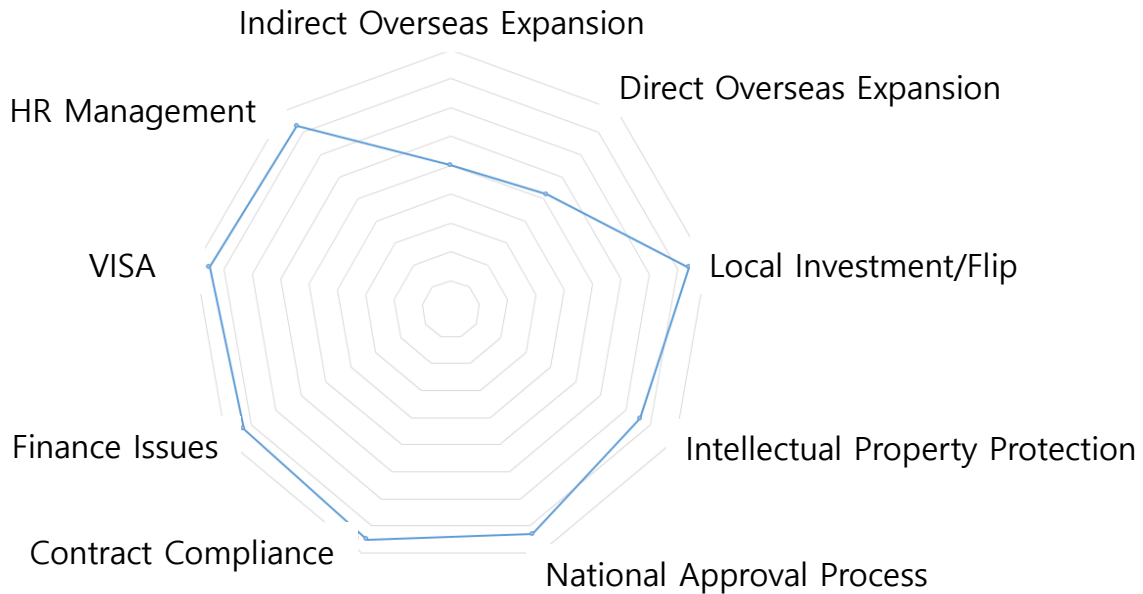
Purpose



Local Position

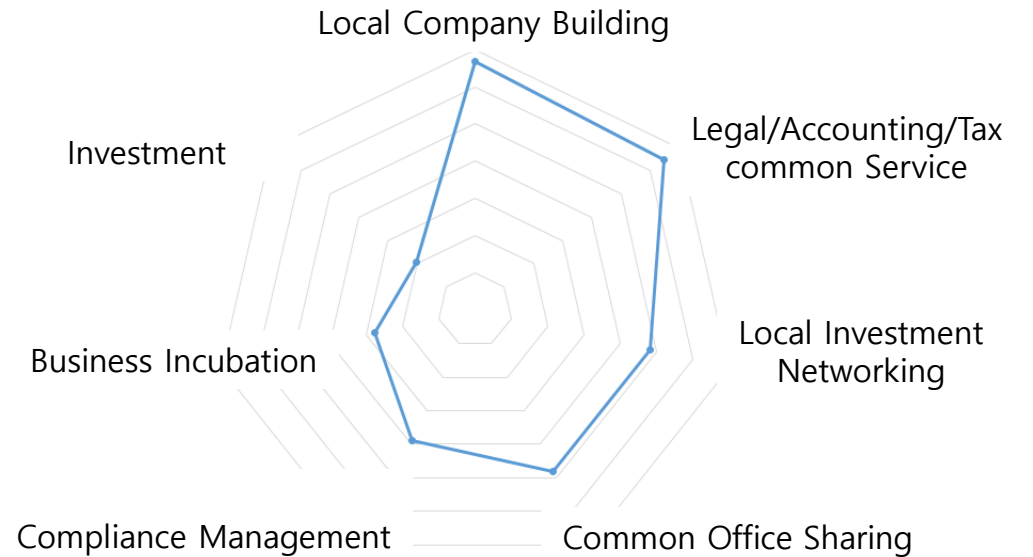


Lack of Understanding



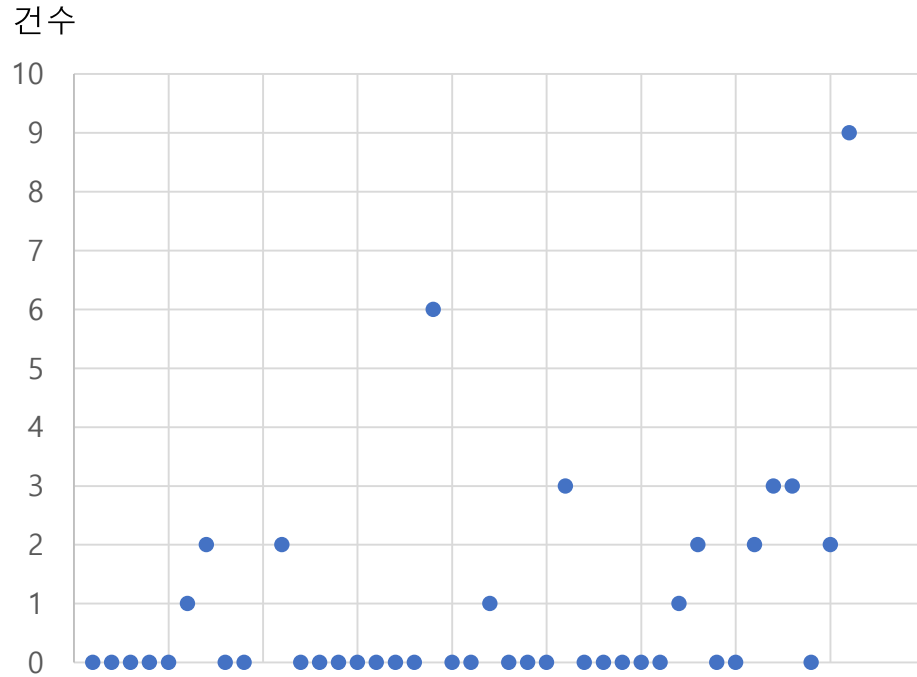
Ratio of response having understanding below average

Expectation from KAIST Holdings



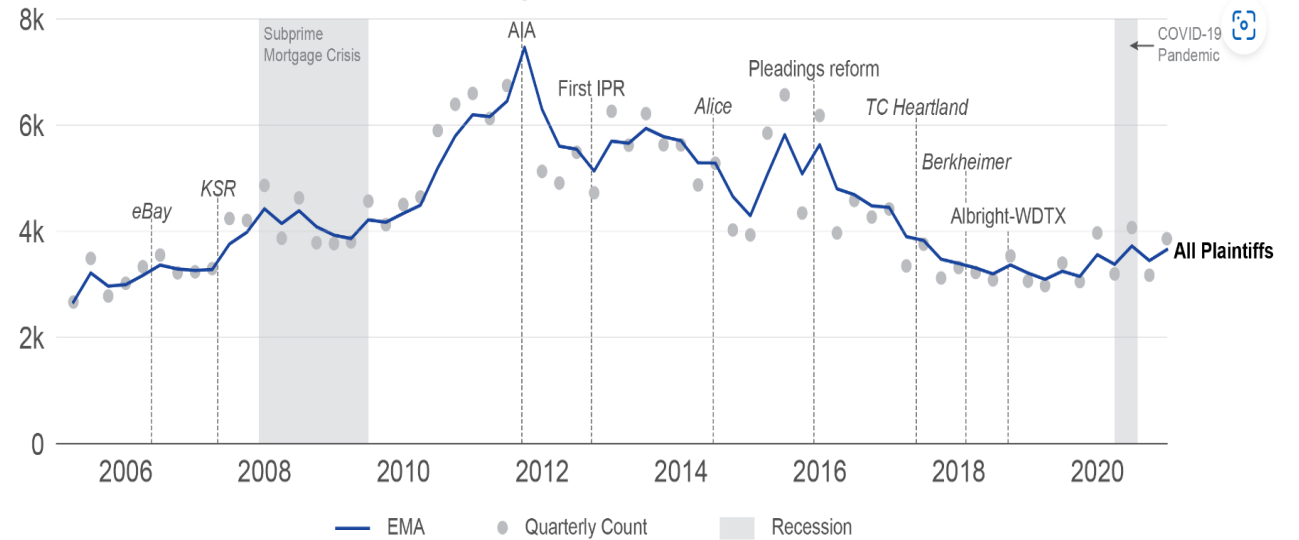
60(96%) responding corps hope to link to KAIST Holdings

US IP Preparation



Survey: Overseas Expansion within 3 years (41 Startups)

Patent Litigation in US (Quarterly)



Patent Litigation Statistics in US (Quarterly over 3600 cases)

- 1> Industrial Coop. Contract
- 2> Intellectual Property
- 3> Tech-Transfer Contract
- 4> Investment Networking
- 5> Tech National Approval
- 6> Public Access/Partnering
- 7> Company Building
- 8> Residence, HR
- 9> Certification of Biz
- 10> Tax/Finance



Thank you