

Seafund has been making investments for some time now and we are very excited to be deploying capital out of our second fund. The investments that we are looking at represent going back to our roots in deep technology and backing founders who are solving complex, real world problems. Through Quantum Leap, our newsletter, we hope to convey our thoughts on how we intend to do this.

The first few months of 2024 has seen the capital markets trending upwards. The Fed and RBI have raised interest rates to their desired level for now, bringing down inflation. A "soft landing" for the economy looks probable. This bodes well for innovation, since lively capital markets

provide crucial backing. Although capital markets should remain strong in 2024, venture capital investing and new venture fund formation may not expand significantly year-over-year. While both are likely to grow, it probably won't be at the same rapid pace as other sectors adjacent to VC.



## SECTOR OUTLOOK



### DEEPTECH

Deeptech in India has undergone several momentous changes in the last few years. India has put together a National Deeptech Startup policy along with establishing institutions like the National Research Foundation that have kick-started the deeptech ecosystem in India. It is facilitating the emergence of startups that have their origin in pure sciences along with enabling technical founders to have access to build-out technologies in the laboratory and get a prototype that has a technology readiness level (TRL) that provides deeptech funds to look at deploying capital.



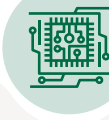
### ARTIFICIAL INTELLIGENCE

2023 saw AI come of age with robust stacks - mighty language models and audio/visual tools - running on well-supported cloud APIs. Open-source alternatives rival closed models as well. The AI substrate enables the application era, as browsers have for web applications and iPhones for mobile. This is a pivotal moment in technology. In 2023, OpenAI models were the focus, but in 2024, AI-native apps will take center stage. Legacy players will adopt AI to stay relevant amidst these disruptors. By 2024, AI's potential will be realized through transformative applications.



### CLIMATE AND ENERGY

The energy crisis's hardship can spur faster carbon-to-clean transitions. Advances in renewable generation, storage, and distribution modernize and decentralize the grid, echoing past tech stack shifts. The silver lining - with prompt action, we could remake energy in 20 years. This nascent clean energy stack quietly matured over the last decade. But 2024 may prove its breakout moment. We are eager to invest in and enable this transformation. If acted on quickly, emerging solutions can redefine our energy backbone within two decades. 2024 spotlights the potential of new decentralized, renewable model.



### SEMICONDUCTORS

By 2026, the Indian semiconductor market will reach USD 55 billion, with more than 60% driven by smartphones, wearables, automotive components, and computing. Currently, the majority of the demand in the Indian semiconductor market is met by imports. The Government of India has approved the Semicon India Program with a financial outlay of INR 76,000 crore (USD 9.13 billion approx.) to reduce the dependency on semiconductor imports and fill the semiconductor supply chain gap caused by COVID-19 and strained relations between the United States and China.

### DeepTech Spotlight

## Inside the miracle of modern chip manufacturing

History, Multi-Chip Modules (MCMs) and what the future holds.



## DEEP DIVES



[AI, Chips, Tech and more. Vishal Krishna and Narendra Bhandari chat about the Industry and Seafund](#)



[Catch our partner Narendra Bhandari discussing the future of semiconductors in India at Nassomm Future Forge](#)

## NEW INVESTMENTS



### REDWING

India's first autonomous battery swapping solutions for 4W EVs.

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### SWAPP DESIGN

Last mile healthcare logistics using only autonomous roads.

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### DOCKER VISION

IITK team, building wireless EV battery charging systems for fast charging.

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### SIMACTRICALS

Leveraging AI, ML, and computer vision for port automation

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## PORTFOLIO UPDATES

### Genrobotics chosen among top three Indian startups at global AI summit



[Genrobotics in top three Indian startups at Global AI summit](#)

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### Evolution of Ecommerce Fulfillment: Emerging Trends in 2024



[Madhav Kasturia was covered by CXO Today](#)

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### Genrobotics to set up state-of-the-art manufacturing and R&D plant in Palakkad



[Genrobotics setup a new R&D plant](#)

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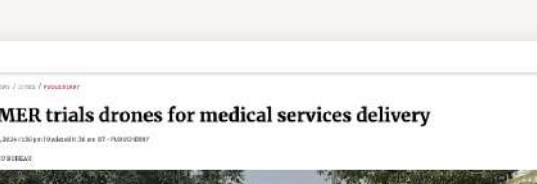
### Meet the Winners of InsurTech Fusion!



[Finsall gets podium at India Insurtech event](#)

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### JIPMER trials drones for medical services delivery



[Redwing deliveries in Jaipur covered by local media](#)

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### Shameel Abdulla



[Clooktrack secured a patent for an NLP based approach for system review](#)

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[OUR PORTFOLIO](#)

## SEAFUND IN THE NEWS



Seafund joins as a Partner Fund with Leap to Unicorn Season 2 in association with Moneycontrol and CNBC



Catch our partners discussing how Deeptech startups are addressing the challenges of Bharat.



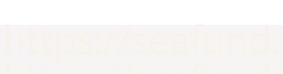
Read our partners' coverage of the interim budget news and its impact on the startup ecosystem.



Interviews with experts and leaders provide a fresh perspective on India's global engagement. Discover how Seafund has boosted startups.



Inc42 covered Seafund's investment thesis, fundraising, and addition of value to the deep tech ecosystem during the article.



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Our mailing address is:

305, 3rd Floor, 5 Vittal Mallya Road, Bengaluru, Karnataka, 560001, India

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