WORK IN PROGRESS

Social alpha

In Social Alpha, we are a little bunch of a great community
Together we build, together we grow, together we stand strong

WORLD INVESTMENT DAY EDITION

This World Investment Day, we're shifting the lens — from learning assets to redesigning our systems. In this edition of Work in Progress, we explore why plastic isn't the villain — it's the symptom of a broken system. We share how Social Alpha is building ecosystems that can scale waste collection and recycling, how innovators are turning discarded plastic into fuel and just sustainable, but scalable and open-source.

We also celebrate global recognition for Indian digital growth momentum. Our start-ups are building climate-resilient supply chains, deploying AI for agriculture, and creating affordable models for maternal health, commercial space applications, and AI-driven diagnostics.

Meanwhile, in India, breakthroughs are being recognised and celebrated. Innovation in cancer care is being clinically proved, and regulatory approvals are enabling commercial launch, while a start-up is being recognised for building India's first AI-native hardware company. Across gaming collaboration, healthcare partnerships, and ecosystem-led infrastructure, and creating features.

We hope this edition leaves you with ideas worth carrying forward — sparking new questions, new collaborations, and continued curiosity. As always, thank you for being on this journey with us.

#BeatPlasticPollution

Plastic is not the villain. It's just a bad script.

To end plastic pollution, we need to rethink the materials economy — starting with science, not sentiment.

Plastic isn't the problem — our systems are. If we want to end pollution, we have to move beyond bans and blame and redesign how materials move through the world. This edition explores how innovators are turning discarded plastic into fuel, building digital infrastructure, and creating frameworks that make sustainable choices easier at scale.

MANISH KUMAR
Founder, Social Alpha

CENTRE STAGE

Pune-headquartered Saahil is tackling textiles and global space tech challenges, our innovators are shaping India's deep-science presence on the global stage — advancing health equity and sustainable manufacturing with breakthrough innovations.

Dazzy Health pioneered its AI-powered maternal and newborn care solutions at the 19th World Health Assembly in Geneva, where it was selected for a pilot with the World Health Organization's Africa, Europe, and Southeast Asia. Dazzy was also selected among the Top 20 Digital Health Start-ups at the Global Health Innovation Conference in Boston, USA.

To know more about Dazzy Click here

Pixxel made its mark across three global events — India Aerospace Mission in Aeroindia (DAHA), Let's Talk Space Technology Conference (LTST) and Space Tech Expo Europe. The start-up is now poised for a major momentum in space innovation.

To read more about Pixxel Click here

Innovate Space and **Pierlight** joined global peers at CLEX (Global Space Exploration Conference) 2025, reaffirming the future of India's commercial space with expansion

To know more about Innovate Space Click here

To know more about Pierlight Click here

MONTHLY SCOOP

Catalyzing Collaboration at the Crossroads

Social Alpha, Lab-to-Market Foundation (Foundation) — a Hub&Lab co-workshop that brought together innovators, mentors, and ecosystem partners to explore how collaboration can accelerate impact. The session underscored the importance of the last mile, especially for smallholder farmers, and highlighted how Hub&Lab's ecosystem approach can drive adoption, scale technology access and strengthen rural livelihoods through technological adaption within farming communities.

To read more about Social Alpha Click here

Field Insights from Uttar Pradesh

Social Alpha's team in Uttar Pradesh leveraged farmer meetings to draw lessons from global development institutions, a delegation from the Tanzania Agricultural Development Bank, and a visit to the Indian Institute of Technology Kanpur. The team also explored how Uttar Pradesh's agricultural ecosystem could learn from Agritech innovations in Uttar Pradesh to study and over-year financing model and on ground deployment architecture, ecosystem partnerships, and farmer-centric adoption models. The team also explored systems, and scaling energy access and decision-driven governance for rural communities.

Gates Foundation Explores Social Alpha's Agri-Livelihoods Work in Gonda

As interest grows in climate-resilient farming, tech solutions for smallholder farmers, a team from the Gates Foundation visited Gonda to see how innovators in engage with Social Alpha supported start-ups and the farming community. The visit included discussions with Social Alpha's team, start-ups, and Tranquility Kaplan Capital Agriculture, Gonda's farmer-producer company, and a tour of implementation models and their impact.

START-UP SHOUT-OUT

From development-stage pilot of wins to new partnerships and product pilots, our start-ups continue to translate deep tech innovation into tangible progress across sectors.

Scaling Homogenous EV Tech Began Lab Sessions Landmark Order from OEM

Social Alpha's incubee **ergon** has been pivotal in a multi-year order worth ₹60 crore from Ginger Mobility (Mobility OEM) to supply its Integrated Power Converter (IPC) solutions. The partnership underscores how Ergon's technology is being scaled across commercial fleet operations, enabling fleet electrification, reducing operating costs, and simplifying vehicle architecture for OEMs.

This partnership also includes a strategic investment by ODH Founder and Chairman Ashish Kacholia, who will join Ergon's advisory board. The companies plan to deploy 1,000 IPC units across India in FY26, starting with the LTs Passenger segment, and are co-developing high-performance long-haul EV platforms.

The milestone marks a breakthrough for homogenous EV innovation, and a proud moment for the Social Alpha ecosystem.

ERGON

To know more about Ergon Click here

Guerin Technologies Ships First Boom-Based Antenna Prototype to ISRO

Social Alpha incubated deep tech start-up Guerin Technologies has shipped its first prototype with the alignment of its first proof of concept for a boom-based antenna. The prototype will lead a Social Alpha pilot with strategic testing and integration as part of ISRO's commercial satellite deployment plans.

This deployment marks Guerin's transition from concept validation to commercial pilot, a milestone that positions the company for long-term growth in the expanding satellite ecosystem.

To know more about Guerin Technologies Click here

Samaahya Transforms Municipal Office in Visakhapatnam, Nepal with Natural Wood Insulation

Social Alpha-backed start-up Samaahya Sustainable Alternatives has deployed its seven-layer natural wood insulation system in a municipal office in Nepal, marking its first commercially rolled region — transforming the city's energy efficiency and carbon footprint of public infrastructure.

Made from dessert-resilient Mojro sheep fleece, the breathable, toxin-free wool roll's were installed in the municipal office in Tulsipur, Dang District, Nepal, cutting heat gain by 15°C and boosting thermal comfort. The intervention is part of the Building Energy Efficiency in Municipal Office Project, a collaboration between the Nepal Government and Samaahya, aimed at demonstrating scalable, climate-resilient retrofits with minimal embodied energy impact.

To read more about Samaahya Sustainable Alternatives Click here

Blockching Secures Japanese Patent for Ginsilk

Social Alpha-supported start-up Blockching Technologies has secured a patent in Japan for its Ginsilk platform, a blockchain-powered medical grade refrigeration device that ensures real-time temperature monitoring, tamper insults, and temperature-sensitive samples.

Already in use across multiple public health systems in India and abroad, Ginsilk enables cold chain reliability for vaccines, biologics, and critical medical supplies. The patent strengthens Blockching's global IP portfolio, supporting its expansion strategy and potential collaborations in cold chain innovation.

To learn more about Blockching Technologies Click here

Accelerex Unveils e-Dhakal Cart for Semi-Urban and Rural Logistics

Social Alpha-backed start-up Accelerex Vehicles has unveiled its e-Dhakal cart, an electric vehicle designed for the unique last mile delivery needs of semi-urban and rural India. The cart is purpose-built for hilly terrain and rough roads, the compact EV is equipped with a 5.5 kWh motor, 100 kg payload capacity, and range of up to 60 km. It also features a hydraulic tipping mechanism for easy unloading in constrained large bags.

The e-Dhakal Cart aims to empower micro-entrepreneurs, self-help groups, and local businesses with access to sustainable mobility for goods transport, enhancing local opportunities and reducing dependence on fossil fuels.

To know more about Accelerex Click here

Aprim Launches Nitrid Turbines to Maximise Hybrid Renewable Energy Output

Social Alpha-supported start-up Aprim Energy has introduced its proprietary Nitrid Turbines — a hybrid power system that combines engineered for maximum hybrid integration with existing solar and wind farms.

The system increases capacity factor by up to 30%, improves grid stability, and enhances hybrid power generation — making it a valuable asset in optimising renewable energy assets. The turbines are designed for deployment across utility-scale and distributed systems, Nitrid represents a strategic leap toward scaling India's renewable energy transition.

APRIM ENERGY
Hybrid Power Solutions

To know more about Aprim Energy Click here

Pragmatech Partners with Tata Memorial Centre to Advance Cervical Cancer Screening

Social Alpha-supported start-up Pragmatech Healthcare Solutions has partnered with Tata Memorial Centre to deploy its AI-powered cervical screening platform at the early detection of cervical cancer. The collaboration marks a significant milestone in Pragmatech's mission to make high-quality diagnostics accessible in underserved regions, with the platform now being used in a clinical setting.

With Tata Memorial Centre's deep expertise in clinical research and large-scale cancer care, the partnership also strengthens the start-up's clinical validation and strategy for cervical cancer.

To learn more about Pragmatech Healthcare Solutions Click here

Travel Enablers EUDR Compliance for 2,000+ African Cocoa Farmers

Social Alpha-supported start-up Travel4 Technologies has partnered with Ricent Group to support over 2,000 smallholder cocoa farmers in Africa with EU Deforestation Regulation (EUDR) compliance. Using its blockchain-powered traceability platform, the start-up is enabling farmers to map farms, collect geotagged harvesting data, form farmer-to-market groups, and connect to the cocoa supply chain.

By enabling data-backed traceability while eliminating paperwork chaos, Travel4 Technologies is helping smallholder farmers and colleagues into advancing deforestation-free, ethically sourced cocoa.

Trace4

To know more about Trace4 Click here

LCB Partners Signs 10-Year MOU with Carbon Crisis

Social Alpha-incubated start-up LCB Partners has signed a MoU with Carbon Crisis to deploy its carbon capture and sequestration technology across industrial sites.

As part of the partnership, LCB will supply its proprietary technologies to enhance the recovery of CO2 from industrial emissions and EPCM and fluorinated organic manure (LCFM) in Carbon Crisis's biochar manufacturing units.

To read more about LCB Partners Click here

Scaf Energy Partners with Alchemy Clearwin to Build 80MCF/D Facility in Gujarat

Social Alpha-backed Scaf Energy is partnering with Alchemy Clearwin as the TEPC partner to develop a 80 MCF/D biomass gasification facility in Gujarat. The project will convert 30,000 tons of local industrial and agricultural waste into clean fuel, supplying 1,000 kg/hr of renewable BioCNG for industrial, household, and transport applications. The facility is expected to reduce emissions by over 20,000 tons of carbon equivalent annually, with expansion plans for 100MCF/D of capacity annually, this project is a significant move toward scaled decentralised clean energy infrastructure.

To learn more about Scaf Energy Click here

And the Winners Are...

From tech-for-inclusion to climate solutions and circularity, these recent wins highlight the depth, diversity, and credibility of Social Alpha's innovators on national and global platforms.

Mya Farmtech directors Rajendra Gawade and Yogesh Gawade were conferred the CMIA Award for Innovation in Agriculture, recognising their work in building accessible mechanisation solutions for India's smallholder farmers.

Bluefone AgriSolutions received the Innovation Award at Bisag-N Agri Conclave 2025 for its IoT-based Smart Irrigation Control platform optimising irrigation

DY Patil Founder, Swayam Lal Jain, was recognised in the top 100 by Forbes 30 Asia for his work in building deep tech ventures that help farmers improve soil health while reducing water usage.

Avighna earlier in partnership Forbes 30 Under 30 Asia 2025 for its work in building climate-resilient — eco-friendly mobility from plastic and construction waste that are 50% than traditional plastics.

Shekar Prabhakar, Co-founder of Ecoalbi Technologies, was selected as a Finalist for the PST Heroes Award — a global recognition for innovators transforming polyethylene terephthalate (PET) plastic into valuable products.

IN THE MEDIA

Allbem Highlighted in Yourstory's 'Wheel Its Innovators' Series

To view the article Click here

Samaahya Featured in YourStory — Connecting Women Wood Arts Climate Resilience

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What India Is Getting Right In Climate

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Electric Tricycles for Martha Karma Sens — Thiruvananthapuram Corporation

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NewLeaf Featured on All India Radio — A Story of Gift, Vision and Impact

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Pierlight CEO Featured on India Growth Labs Podcast

To view the episode Click here

Kasra Space Featured in New Indian Express

To read the article Click here

Hydro Dot's Work Featured on ashPETchain — From Waste Pickers to Entrepreneurs

To read the article Click here

At Social Alpha, we are always on a mission to drive Economic Growth, Social Justice and Climate Action through the power of Entrepreneurship and Market-creating Innovations.

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please write to us at communications@socialalpha.in