

Innovation Spotlight, 19 May 2026, 10am – 2pm



PHILANTHROPY
ASIA SUMMIT



Organised by





What is the Innovation Spotlight?



The Innovation Spotlight at the Philanthropy Asia Summit (PAS) 2026 convenes innovators, startups, and social enterprises advancing solutions across climate, health, and inclusive development.

Bringing together partners and organisations from across the global impact ecosystem, the Spotlight highlights cutting-edge approaches, technologies, and models that are translating innovation into real-world impact.

This year's programme features an exciting line-up of innovators from the Amplifier Programme, The Earthshot Prize, DBS Foundation, Mastercard Strive Programme, and UNDP's SDG Venture Scaler Programme, among other leading impact initiatives. Complementing the line-up, keynote speakers from BRIN, Tencent and Google DeepMind will bring insights at the intersection of innovation, technology and impact.

The session will engage a curated audience spanning the capital spectrum, including philanthropies, foundations, family offices, corporates, and investors, creating opportunities for collaboration, partnership, and pathways to scale.

The Innovation Spotlight is jointly organised by the Centre for Impact Investing and Practices (CIIP), Co-Axis and the Philanthropy Asia Alliance, entities part of the Temasek Trust ecosystem.



Agenda

10:00am - 10:05am	Opening Remarks by Desmond Kuek (CEO, Temasek Trust)
10:05am - 10:15am	Keynote by Anna Koivuniemi (Head, Google DeepMind Impact Accelerator)

Climate, Environment and Sustainability (pg. 5)



10:15am - 10:30am	Partner: Amplifier Featured Startups: Baytech, Haelixa, unspun, Novoloop
10:30am - 10:55am	Partners: Co-Axis, The Rockefeller Foundation, UNDP Featured Startups: DGV, Enfarm Agritech, Digital Green
10:55am - 11:15am	Partner: The Earthshot Prize Featured Startups: S4S Technologies, Phool, Coast 4C
11:15am - 11:30am	Partner: SOSV Featured Startups: SepPure, Sequential, Vertical Oceans
11:30am - 11:40am	Keynote by Xiao Liming (VP, Sustainable Social Value, Tencent)
11:40am - 12:10pm	Partners: Amplifier, SwissRe Foundation, UNDP Featured Startups: TreeDots, Green Rebel, Alterpacks, N&E Innovations, Bell Living Lab, PlanaWood, Ayrton Energy
12:10pm - 12:15pm	Amplifier and Asian Development Bank (ADB) Announcement by Satoshi Ishii (Director, Strategy & Partnerships, Water and Development Sectors Group, Asian Development Bank)
12:15pm - 12:35pm	Lunch

Health (pg. 15)



12:35pm - 12:45pm	Keynote by Arif Satria (Chairman, The National Research and Innovation Agency, BRIN)
12:45pm - 1:15pm	Partners: ABC Impact, Catalytic Capital for Climate and Health (C3H), DBS Foundation, SwissRe Foundation, UNDP Featured Startups: Neurowyzzr, Buddy of Parents, Dami and Xiaomi, CP Health Innovations, PillTech, injewelme
1:15pm - 1:20pm	Break

Inclusive Development: Education, Employability, and Financial Inclusion (pg. 18)



1:20pm - 1:40pm	Partner: Amplifier Featured Startups: BagoSphere, DeafTawk, Inclus
1:40pm - 1:55pm	Partners: Accion/ClimaFii, Mastercard Strive, UNDP Featured Startups: Accelero (eBik), Envo Renewable Energy, InvestEd, Boost Capital
1:55pm - 2:00pm	Closing



Did one of these impact-driven startups or social enterprises catch your eye? Get in touch with them directly by scanning the QR code.

Partners

The Innovation Spotlight includes a curated selection of startups, ventures and social enterprises from the following partners.



Keynotes



Climate, Environment and Sustainability



Amplifier  Türkiye



Baytech

Baytech replaces toxic, wasteful pumice stonewashing in denim production with a **clean, high-performance alternative**.

32%
less water & energy consumed

97.5%
less carbon emissions

- Their patented HMS stones deliver authentic stonewash effects without chemicals or sludge, lasting up to 100 washes, and require no costly machinery changes for factories to adopt.
- HMS enables brands to significantly cut their environmental footprint without compromising on denim aesthetics.

Baytech is not just a materials company; it cleans up one of fashion's dirtiest secrets.



Amplifier  Switzerland

Haelixa

Haelixa

Haelixa is a deep-tech company that provides a traceability system for global supply chain based on DNA markers, **allowing brands to verify the origin and authenticity of raw materials and finished products**.

66M
traceable products

€2.5B
of verified sales volume

- Unlock premium pricing through verified sustainability credentials.
- Avoid legal disputes and product recalls with science-backed proof of origin.

Going beyond declarations or documents, Haelixa tracks the physical product itself, so brands know where their products really come from.





Amplifier  United States

unspun™

unspun

unspun combines the benefit of automation and reducing physical and economic waste through its **3D weaving technology turning yarn into near-finished garments in minutes.**

- Simplifying the supply chain, with fewer processing steps before production.
- Scalable model, with plans to deploy >350 machines by 2030.

unspun is moving beyond the limitations of traditional manufacturing with automation and waste reduction in raw material used.

53%
lower carbon footprint

39%
reduction in blue water footprint



Co-Axis  India

 **DGV**
DIGIVRIDDI

Digivriddhi (DGV)

DGV is **building a robust digital financial infrastructure** for India's 80 million dairy farmers, transforming an underserved sector.

- As India's first integrated Dairy FinTech, InsurTech, and Marketplace platform, DGV enables formal credit, insurance and market access through a unified, data-driven ecosystem.
- Aligning all lending with Priority Sector Lending (PSL), DGV brings smallholder farmers into the formal financial system at scale.

DGV provides the financial foundation that rural dairy farmers never had.

35x
faster loan onboarding time

30x
faster loan disbursement



Amplifier  United States

novoloop®

Novoloop

Novoloop provides a **recycling solution for hard-to-recycle polyethylene** through chemical upcycling.

- Supplies brands and manufacturing with lifecycled TPU resin, engineered for easy integration into manufacturing processes.
- Disrupting the plastic waste crisis by enabling a circular economy for Polyethylene.

Novoloop is advancing circular polyethylene upcycling which addresses the growing plastic waste crisis.

0.6kg
PE waste for every kg of TPU made

41%
lower CO₂e than conventional TPU



UNDP  Vietnam

 **enfarm**
GROW WITH INSIGHTS

Enfarm Agritech

Enfarm Agritech brings **affordable AI-powered soil intelligence** to Vietnam's smallholder farmers.

- Their real-time soil sensors measure N, P, K, pH, and moisture with lab precision, translating raw data into actionable farm guidance.
- Beyond hardware, Enfarm Agritech is scaling a sensor-less platform for yield forecasting, input planning and ESG reporting.

Enfarm Agritech makes every kilogram of fertiliser count.

20%
higher yield with less fertiliser

1,500
paid sensors





The Rockefeller Foundation



United States

Digital Green

Digital Green's FarmerChat brings **AI-powered agricultural advice** to smallholder farmers across India and sun-Saharan Africa.

- Where traditional extension systems reach fewer than 1 in 5 farmers, FarmerChat delivers expert-vetted guidance on crop health, soil, and climate adaptation for free.
- FarmerChat scales trusted agronomic knowledge through partnerships with governments, NGOs and research institutions.

FarmerChat is not just an AI assistant, but an agricultural advisor every smallholder farmer deserves.

Digital Green

1.6M
farmers using FarmerChat

70%
farmers observed behavioural changes



The Earthshot Prize



India

Phool

Phool upcycles temple flower waste into Fleather, a biodegradable leather alternative, **enabling sustainable waste management while supplying eco-friendly materials** for consumer and industrial use.

- Produces biodegradable, plant-based alternatives like Fleather to replace animal and synthetic leather.
- Reduces pollution while enabling eco-friendly materials for consumer and industrial applications.

Phool is turning everyday waste from culturally embedded practices into sustainable innovation.

PHOOL
MADE FROM TEMPLE FLOWERS

11K
tonnes of flower waste upcycled into value-added products

>1M
sustainable products sold



The Earthshot Prize



India



S4S Technologies

S4S brings solar-powered food processing to **turn post-harvest losses into income**.

- S4S converts cosmetically damaged produce into food ingredients at the farm gate, aggregating and selling to the food and beverage industry.
- Beyond processing, S4S creates women-led micro-enterprises, building local skills and income ownership.

S4S rewrites who gets to capture value in the food supply chain, starting at the farm gate.

800
micro-entrepreneurs created and impacted

>1M
people supplied with nutritious food



The Earthshot Prize



Australia, Philippines



Coast 4C

Coast 4C **builds regenerative seaweed supply chains** linking coastal communities, conservation, commerce and climate impact.

- Connects coastal communities to scalable seaweed farming systems.
- Enabling ocean restoration and climate-positive economic livelihoods.

Through seaweed, Coast 4C is empowering local communities with livelihood opportunities and enabling ocean restoration.

500+
families targeted to receive input packages

5,868
hectares of the ocean protected





SOSV Singapore



SepPure

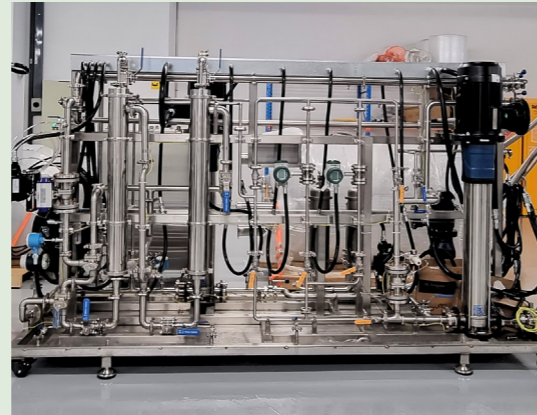
SepPure is redefining industrial chemical separation through **advanced nanofiltration membrane technology**.

- Their OSN membranes enable precise, molecular-level separation without heat. An energy-efficient alternative to conventional distillation and evaporation processes.
- Where traditional methods drive high costs and significant emissions, SepPure's approach cuts GHG emissions and delivers 50% cost savings.

SepPure sets a new standard for sustainable industrial separation.

178.3K
kg of feed processed

14.31K
kg of CO₂e avoided



SOSV Singapore



Sequential

Sequential uses **next-generation sequencing** to bring scientific rigour to microbiome testing for personal care products.

- Cosmetic brands make microbiome claims without quantifiable data but Sequential's end-to-end clinical trial platform closes that gap.
- They conduct human trials, translate biological data into actionable insights and enable validated product development.

Sequential is beyond a testing platform; it's the scientific backbone the microbiome industry is missing.

50K+
sample database

10K+
study participants



SOSV Singapore



Vertical Oceans

Vertical Oceans replaces broken, disease-prone coastal prawn farming with **software-optimised indoor production systems**.

- Their AkuaTower™ facility features autonomous movable tanks, operating as a zero-discharge system producing antibiotic-free jumbo prawns, which is 17x more productive than traditional pond aquaculture.
- Produces antibiotic- and chemical-free jumbo prawns with taste and freshness on par with wild-caught.

Vertical Oceans is the future of sustainable, scalable seafood production.

99.4%
of operations automated

100%
water recycling



UNDP Singapore



TreeDots

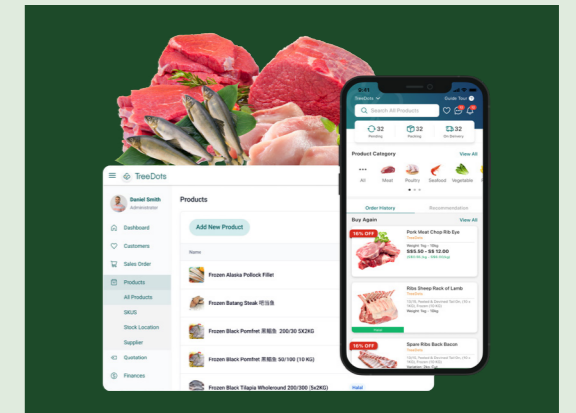
TreeDots is Asia's **first vertically integrated food ecosystem** redirecting surplus and imperfect food away from landfills.

- Their B2B marketplace connects suppliers across 14 countries to restaurants and F&B businesses.
- In 2024 alone, TreeDots diverted 11,000 tonnes of food waste, avoiding 69,000 tonnes of CO₂e and saving enough water to supply 119 million people for a year.

TreeDots proves that perfectly good food should never go to waste.

10.79K
tonnes of food wasted diverted*

1.4M+
successful deliveries



*as of 2023



Amplifier  Indonesia



Green Rebel

Green Rebel is a Southeast Asian food tech company developing plant-based meat and dairy alternatives to **make sustainable eating more accessible** and reduce reliance on animal agriculture.

- Provides scalable, affordable sustainable protein options for food service and retail.
- Reduces reliance on animal agriculture to lower environmental impact.

Green Rebel offers a sustainable eating solution that is **both environmentally friendly and relevant to consumers in dietary transition.**

*as of 2024

49K+
tonnes of greenhouse gases avoided*

1,200+
food service outlets served across Southeast Asia



Amplifier  Singapore



Alterpacks

Alterpacks transforms agricultural waste into **high-performance, compostable alternatives** to single-use plastics.


- Using proprietary technology, they upcycle food by-products into 100% plant-based packaging for food service, hospitality and healthcare, replacing plastics deeply embedded in global supply chains.
- Having already reached 2 million people and avoided 260 tonnes of CO₂, Alterpacks aims to eliminate 1 billion plastic items by 2030.

Alterpacks transforms single-use plastics into a thing of the past.

3M+
plastics replaced

100+
tonnes of waste avoided



UNDP  Indonesia



Bell Living Lab

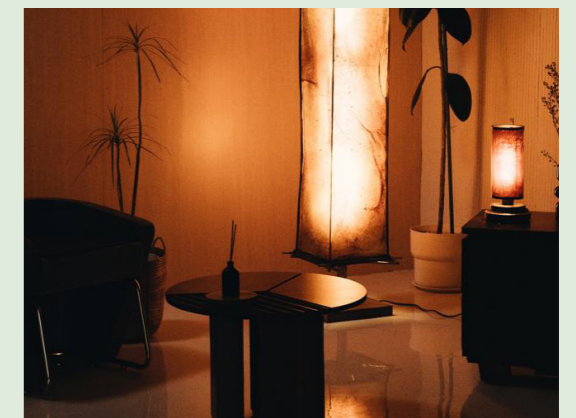
Bell Living Lab transforms Indonesia's agricultural waste into **sustainable, design-driven furniture and lifestyle products.**

- By combining materials science and local craftsmanship, they convert coffee waste and organic materials into functional, globally scalable design products.
- Their products have earned international recognition, with presence at exhibitions and retail partners across Asia, North America and beyond.

Bell Living Lab is not just a furniture brand; it's turning waste into the future of conscious living.

2
tonnes of coffee waste converted per month

150+
local farmers supported



Amplifier  Singapore



N&E Innovations

N&E Innovations transforms food waste into ViKANG, a patented, **99.9% antimicrobial and biodegradable solution** that can replace plastic use.

- Protects high-touch surfaces with long-lasting, food-safe antimicrobial coatings.
- Replaces toxic, oil-based materials with a circular and upcycled alternative.

N&E Innovations not only provides a biodegradable alternative to plastics, but it also advances the circular economy by using food waste to create it.

3x
greener in emissions than standard disinfectants

4x
food freshness and shelf-life extension





SwissRe Foundation



Indonesia



PlanaWood

Plana upcycles plastic waste and rice husk into PlanaWood, a **durable and weather resistant alternative to natural wood**.

- Creates circular income streams for farmers and waste collectors in Indonesia.
- Transforms waste materials into durable, suitable building materials.

PlanaWood is turning Indonesia's waste problem into buildings and furniture.



DBS Foundation



Singapore



NeuroWyzr

NeuroWyzr enables early detection of brain decline through a **fast, non-invasive, and clinically validated digital screening tool**.

- NeuroWyzr's Digital Brain Function Screen gives healthcare providers an objective, accessible way to detect and monitor decline before it's too late.
- Monitors cognitive health over time through standardised, data-driven assessments, serving healthcare providers across 9 countries.

NeuroWyzr is catching what the world has been missing before it becomes irreversible.



The Liveability Challenge



Canada



Ayrton Energy

Ayrton Energy provides a **logistical solution in the hydrogen supply chain** by storing and transporting hydrogen as a stable liquid at ambient conditions.

- Hydrogen is transported using existing diesel infrastructure.
- On-demand commercial refuelling applications deployed with a flexible sale, lease or tolling model.

Ayrton Energy is unlocking the potential of hydrogen logistics when hydrogen has the potential to be a clean energy source.



DBS Foundation



Singapore



Buddy of Parents

Buddy of Parents gives seniors living alone a simple **one-press emergency button** connected to a 24/7 emergency response.

- When emergencies strike at home, help may not come for hours. BOP coordinates ambulance, SCDF or police assistance and alerts family caregivers in real time.
- BoP passively monitors activity, motion and falls, giving families continuous peace of mind.

BoP is not just a device, it ensures no senior faces an emergency alone.





ABC Impact  China



Dami and Xiaomi

Dami and Xiaomi addresses Autism Spectrum Disorder in children through **intensive evidence-based behavioural therapy**.

- DMXM delivers localized 1-to-1 ABA therapy via accredited therapists across China.
- Beyond clinical sessions, DMXM trains parents and caregivers to support their children's development at home, extending impact beyond the therapy room.

DMXM supports children with autism, ensuring none of them face a lifetime of exclusion alone.

1M+
online users

50K
clients served



UNDP  Philippines



CP Health Innovations

CP Health Innovations **digitises patient management** for underserved health facilities across the Philippines and Southeast Asia.

- Their CareGo Health Suite consolidates complex manual operations into one seamless system, reducing wait times and administrative burden for clinics.
- Working with local governments and international partners, CP Health automates patient follow-ups and improves medication adherence at the community level.

CP Health ensures no one spends their whole day waiting for a five-minute checkup.

75%
faster
administrative
turnaround

30x
more efficient
health
assessments



SwissRe Foundation   Cambodia, Singapore



PillTech

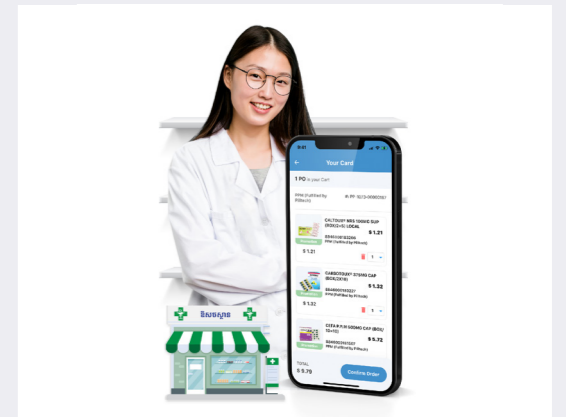
PillTech equips independent pharmacies with the **technology to become strong primary healthcare providers**.

- Pharmacies in Cambodia are often the only point of care but lack the systems to serve patients well. PillTech bridges this gap with an ordering platform, POS and inventory management, and provides accredited training.
- PillTech boosts medicine availability and better patient care at the community level.

When pharmacies improve, the whole community benefits.

3,000+
pharmacies
served

25
provinces
impacted



C3H  Singapore



injewelme

injewelme turns any camera into a health monitor to **make vital sign tracking accessible to all**.

- Most people only act after symptoms appear, injewelme bridges the gap by enabling early detection without specialised equipment.
- Through DeepHealthVision and DeepHealthNet, it shifts healthcare from reactive treatment to continuous, preventive care.

injewelme is a new standard for accessible and preventive healthcare.

95%
detection
accuracy

~50%
reduced
pre-activity
screening time





Amplifier  Philippines, Singapore



BagoSphere

BagoSphere builds leadership pipelines for Southeast Asia's 240 million informal workers, turning frontline roles into **career pathways**.

- Their structured training programmes equip jobseekers with measurable behavioural skills, serving sectors from microfinance to logistics.
- Starting from a community of 42,000 members, BagoSphere is scaling towards 1 million frontline workers across the region.

BagoSphere ensures that the world's largest workforce is no longer left behind.

16K+ graduates from programme

80% placement rate



Amplifier  Singapore



DeafTawk

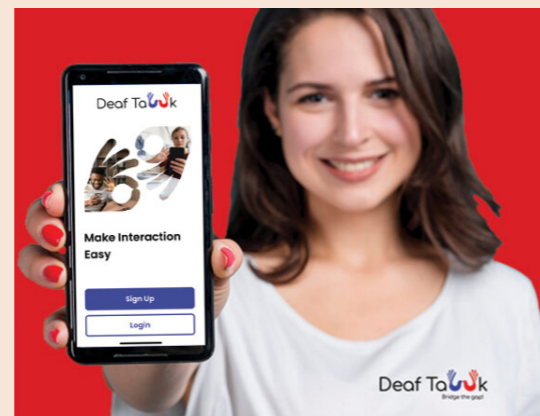
DeafTawk is a tech solution provider **connecting deaf users with certified sign language interpreters and AI-powered translation** through a 24/7 app.

- Delivers real time interpretation and scalable accessibility platforms that promote equal access to information, services, and opportunities globally.
- Empowers deaf individuals with independence and creates flexible income opportunities for interpreters.

DeafTawk makes everyday communication between the deaf community and the world accessible.

2M+ minutes rendered

68K total users



Amplifier  Singapore



Inclus

Inclus is a social enterprise that bridges the gap between persons with disabilities (PwDs) and inclusive employers through **end-to-end vocational training, job matching, and employer partnerships**.

- Supports employers through exposure and training to be more disability-inclusive.
- Equips PwDs with life skills and workplace readiness through training.

Inclus redefines disability of employment by empowering both employers and PwDs in their employment.

>2,000 PwDs placed and trained

>500 inclusive partner organisations



Accion  India



Accelero (eBik)

eBik by Accelero Vehicles India is pedalling towards **sustainable urban mobility** – eco-friendly commuting within everyone's reach.

- Electric bicycles catered primarily for underserved communities, such as farmers and factory workers, help to facilitate their daily commute.
- Conversion kits for load tricycles can carry up to 600 kg, enabling last-mile logistics at scale.

eBik is not just a mode of transport; it's a catalyst for change.

6,000+ eBik users

4,400+ tonnes of emissions saved





Accion  India



Enviro Renewable Energy (ERES)

Enviro Renewable Energy (ERES) delivers **reliable, affordable clean energy** to high-need regions, driving socioeconomic transformation.

- Interventions span community lighting, livelihoods, education and healthcare, improving safety and supporting rural healthcare delivery.
- Reduces energy poverty while enabling asset creation, production gains and improved quality of life across communities.

ERES is not just a power source but a foundation for change.

2M+
lives impacted

1,000+
healthcare centres powered



Mastercard Strive  Singapore



Boost Capital

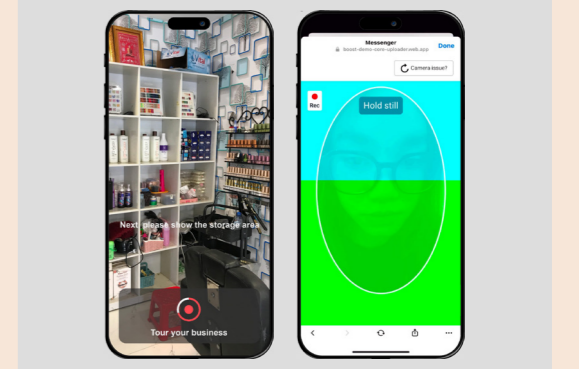
Boost Capital provides an agentic AI platform which **automates customer onboarding for financial institutions.**

- Verify customer identities instantly with AI-powered e-KYC, facial recognition, and fraud detection.
- Expands financial access to underserved communities across the income spectrum, from micro-entrepreneurs to large corporations.

With Boost Capital's agentic AI platform, financial institutions expand their customer base across Southeast Asia securely.

1.7
days of customer time saved per loan

20K
clients accessing financial education



UNDP  Philippines



InvestEd

InvestEd is a **student success platform** ensuring education leads to real employment and lasting upward mobility.

- Where no single institution owns outcomes end-to-end, InvestEd bridges the gap – providing career guidance, coaching and aligned financing from enrolment through to employment.
- Their aligned financing model ensures students graduate with manageable debt, reflected in a 90%+ loan repayment rate.

InvestEd is beyond an education platform; it ensures every student's degree leads somewhere.

111%
income uplift

4x
faster job placement



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CIP
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PA Philanthropy
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