



PAKISTAN CLIMATE INNOVATION DEAL BOOK 2025

**Showcasing High-Growth Startups Selected for the Impact
Festival**

Frankfurt, 26–28 November 2025



Implemented by:



In partnership with:



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CIS Pvt. Ltd.



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SAWiE



Trashit

Company for Innovative (CIS) Solutions & Networks Research

 <http://www.cispvt.com>

“CIS develops AI & IoT solutions for utility industry to enhance energy & water access while reducing GHGs.”



Country: Pakistan
Sector: Utility & disaster mgmt.
Established: 2021
Number of staff: 20
Annual revenue, \$: 55,210 (2024)



BUSINESS MODEL

Problem

Climate change is intensifying water-related challenges, disrupting supply, quality, and efficiency. Erratic rainfall, floods, and droughts threaten access for farmers and communities. Manual water management wastes resources, increases costs, and lacks real-time data, while high energy use in pumping adds to emissions.

Solution

AcquaCure enables smart water management to save energy, cut costs, and protect public health. It automates pump operations, monitors water levels and quality in real time, and provides AI-based contamination detection. For utilities and farmers, it improves reliability, reduces water losses, and lowers energy use by 15–20%, contributing to climate and health goals.

Business Model

AcquaCure follows a B2G and B2B model, partnering with water utilities, municipalities, housing societies, and smallholder farmers to provide automated monitoring and management of water systems for greater efficiency and sustainability.

Revenue Streams

Revenue comes from one-time device sales (SCADA, water quality, and microbial units), free lifetime dashboard access, optional paid training, and an annual maintenance fee (\$60/unit from Year 2) covering software updates, server hosting, and technical support. This model ensures recurring revenue while delivering long-term value through reliable water monitoring, energy savings, and improved public health.

IMPACT

Climate Change Impacts Addressed



Drought



Flooding



Desertification

Adaption Relevance

AcquaCure enhances climate change adaptation by helping communities and utilities manage water scarcity, prevent post-flood contamination, and optimize energy use, increasing resilience to climate-related water risks.

Gender Relevance

Engages women as field technicians, creating employment opportunities and empowering them to strengthen community water resilience and access.

OPPORTUNITY

Future Plans

Enhance AI for $\geq 90\%$ E. coli detection, provide real-time crop protection alerts to boost yields $\geq 15\%$, and engage women technicians to expand community water resilience.

Ask: 150k USD

AI Improvement: Boost E. coli detection accuracy to $\geq 90\%$ for faster post-flood water monitoring. Early Alerts: Use real-time AI monitoring to protect crops and improve yields by $\geq 15\%$. Women Technicians: Engage women in the field to expand access and strengthen community water resilience.

Team & Contact Mansoor Khan, CEO: mansoor.khan@uetpeshawar.edu.pk

Company for Innovative(CIS) Solutions & Networks Research

 <http://www.cispvt.com>

FUNDRAISING	Current Shareholders NA	Latest Investment(s) 249,961 USD Grant	Total Investment 249,961 USD
	The Ask 150,000 USD	Funding Equity Share 15%	Min. Ticket Size NA
	Target Valuation 1,000,000 USD		

FINANCIAL & STRATEGY OVERVIEW

Financials, \$	2023	2024	2025	2026 (e)	2027 (e)
Revenues	99,345	55,210	75,768	103,802	129,752
Net profit	-9,624	2,724	3,721	5,709	7,785

Latest Developments

- Partnered with a Pakistan-based nonprofit to deploy devices for vulnerable communities in South Punjab, securing \$55.68K matched funding.
- Collaborated with WSSP (Water utility), gaining funding and dedicated personnel to support implementation.
- Expanded B2B sales of water quality monitoring solutions, complementing existing government partnerships.

Next Steps

- Train women technicians to boost community water resilience (Q4 FY26).
- Target private housing societies for Acquacure SCADA expansion (Q2 FY27).
- Explore agri-sector for water pump optimization/irrigation quality testing improve crop yields by 15 % (Q3 FY27).
- Increase E. coli detection accuracy to 90% (Q4 FY2).

Team & Contact Mansoor Khan, CEO: mansoor.khan@uetpeshawar.edu.pk



Implemented by:



In partnership with:



Digital Dera Private Limited

“Bringing climate smart digital agriculture to those that need it the most”



Country: Pakistan
Sector: Agriculture & Food
Established: 2021
Number of staff: 5
Annual revenue, \$: 55,000



BUSINESS MODEL

Problem

Smallholding farmers cannot afford climate smart digital technological innovations that can improve their agriculture productivity and fight climate change related food security challenges.

Solution

Deploy 200 climate resilient smart villages across Pakistan to transform how rural communities can access digital agriculture, finance, grow and sell their produce with a core focus on smallholding farmers especially youth and women helping them counter the brunt of climate change while improving their livelihoods.

Business Model

Digital Dera enables large-scale food processing industry to invest in regenerative cooperative farming with smallholding farmers. The Digital Dera Infrastructure is developed through sponsorships, grant funding and public and private partnerships.

Revenue Streams

Digital Dera generates revenue through Cooperative Regenerative farming with large corporate(s) where they sell the produce from smallholder farmers to these companies and retain 20%-40% (dependent upon negotiation) of the profit as a fee for providing this service.

IMPACT

Climate Change Impacts Addressed



Drought



Desertification



Land & forest degradation



Increasing temperatures

Adaptation Relevance

A combination of product, service and technology in the form of climate resilient solution to connect and improve agriculture productivity and sustainability while ensuring zero hunger and strengthening food security while responding and adapting to climate challenges.

Gender Relevance

Improved gender equality, women participate in the farming community and are direct beneficiaries

OPPORTUNITY

Future Plans

Connecting 200 villages to the Digital Dera smart villages network introduces climate smart agriculture practices at scale while ensuring sustainable social and commercial outcomes. The long-term goal of the initiative is to counter food insecurities and climate impacts through innovative solutions that help improving farming practices, introduce climate smart innovations that can promote carbon capture and lower greenhouse gas emissions through smart agriculture practices.

Ask: USD 10,00,000 | Equity/Debt

1 million for creation of Food Security Special Entity to generate capital from institutional investors and public through the stock exchange so people have a stake in climate response and their food security.

Team & Contact

Fouad Riaz Bajwa, Chief Executive Officer and Co-founder, bajwa@agriculturepublic.com
 Aamer Hayat Bhandara, Chief Operations Officer and Co-founder, bhandara@agriculturepublic.com



Implemented by:



In partnership with:



Digital Dera Private Limited

FUNDRAISING

Current Shareholders

Fouad Bajwa
Aamer Hayat

The Ask

10 Million USD
Equity/Debt

Valuation

50,000,000 USD

Latest Investment(s)

61k USD sponsorship by
Pakistan Government and 54k
USD by Internet Society

Funding Equity Share

33%

Total Investment

\$ 2,000,000

Min. Ticket Size

10 Million USD (if debt)
40 Million USD (if equity)

FINANCIAL & STRATEGY OVERVIEW

Financials, \$	2021	2022	2023	2024(e)	2025(e)
Revenues	54,000	61,000	55,000	100,000	200,000
Net profit	10,000	20,000	30,000	30,000	150,000

Latest Developments

- Completing 3rd Cooperative Regenerative Farming Crop Cycle for Maize Corn Crop (March-May)

Next Steps

Team & Contact

Fouad Riaz Bajwa, Chief Executive Officer and Co-founder, bajwa@agriculturepublic.com
Aamer Hayat Bhandara, Chief Operations Officer and Co-founder, bhandara@agriculturepublic.com

Ecobricks Pvt LTD

 <https://www.theecobricks.com/>

“Ecobricks brings circularity and resilience into construction.”



Country: Pakistan
Sector: Construction & Décor
Established: 2023
Number of staff: 12
Annual revenue, \$: 7,000 (2025)



BUSINESS MODEL

Problem

Ecobricks addresses the growing challenge of hard-to-recycle plastics—such as single-use packaging and cutlery—that drive global pollution. Conventional recycling excludes these materials due to low efficiency, while current marble and concrete tiles rely on carbon-intensive production, absorb heat, and require costly maintenance.

Business Model

Ecobricks operates a **product-led circular economy model**. The company manufactures high-quality construction materials—such as eco-tiles, outdoor pavements, and wall claddings—using hard-to-recycle plastics sourced from industrial and municipal waste streams. By converting discarded plastics into durable, thermally insulated, zero-water-absorption products.

Solution

Ecobricks manufactures products like tiles, pavements and décor items. Ecobricks construction tiles are more durable, stronger than conventional concrete products. They offer thermal insulation and zero water absorption making them ideal for installation.

Revenue Streams

1) Direct Product Sales: Eco-tiles, Outdoor pavements /wall claddings 2) B2B Project-Based Deployments, Corporate campuses, factories, housing schemes 3) Licensing of Technology (*future*) Equipment, training, and production rights.

IMPACT

Climate Change Impacts Addressed



Flooding



Increasing temperatures

Adaption Relevance

Ecobricks' products reduce dependence on traditional cement-based materials, which are highly carbon-intensive, thereby helping communities lower emissions and adapt to greener infrastructure needs. 2) Recycling of plastic helps in reducing the climate-related hazards of plastic burning (toxic emissions) and clogging drainage systems (flooding).

OPPORTUNITY

Future Plans

- Expansion in Europe
- Versatile product range
- Franchising model

Ask: 150k USD

Investment for scaling:

- production
- new manufacturing unit

Team & Contact Kashaf Akhtar, Founder, ceo@theecobricks.com

Ecobricks Pvt LTD

 <https://www.theecobricks.com/>

FUNDRAISING

Current Shareholders

Nazish, Kashaf, Ahmad

Latest Investment(s)

153,000 USD (cash + in-kind)

Total Investment

NA

The Ask

150,000 USD equity/debt

Funding Equity Share

SAFE Note

Min. Ticket Size

100,000 USD

Target Valuation

500,000 USD

FINANCIAL & STRATEGY OVERVIEW

Financials, \$	2024	2025	2026	2027 (e)	2028 (e)
Revenues	0	16,500	212,000	435,000	799,000
Net profit	0	3,000	90,000	250,000	480,000

Latest Developments

- Secured investment from Military Pakistan for recycling setup.
- Expanded facility to 10X production.
- Secured Furniture contract from Punjab government

Next Steps

- To start France company by Q4 2025
- Close another angle round of \$40,000 from French investor by Q1 2025.

Team & Contact Kashaf Akhtar, Founder, ceo@theecobricks.com

ECOLIVIA Pvt

 <https://ecolivia.pk/>

“Empowering Farmers, Enriching Livelihoods, Greening the Future”

ECOLIVIA
Empowering Farmers, Enriching Livelihoods, Greening the Future



Country: Pakistan
Sector: Agribusiness
Established: 2025
Number of staff: 6
Annual revenue, \$: 7,985 (expected for 2025)



BUSINESS MODEL

Problem

1. 5th most climate-vulnerable country (floods, droughts, deforestation)
2. 240,720 + die yearly from heart disease (linked to trans fats)
3. \$4B edible oil import bill
4. 80M wild olive trees at risk of being lost
5. 22M+ unemployed youth

Business Model

Ecolivia operates on a triple bottom line approach—balancing profit, people, and the planet. Revenue is generated through multiple streams: direct online sales to consumers (B2C), wholesale distribution to retailers, and value-added products from olive byproducts such as tea, pickles, and animal feed. The business also explores innovative sustainability-driven models, including carbon credits (\$20/ton offset) and compost sales, integrating environmental impact with financial growth.

Solution

1. Grafting wild olives = green jobs + forest conservation
2. 1 liter of olive oil = 10kg CO₂ sequestered
3. Climate-resilient income for farmers
4. Promotes health & longevity
5. Regenerative agroforestry value chain

Revenue Streams

Ecolivia's primary revenue comes from the sale of our four varieties of extra virgin olive oil, available in 250ml, 500ml, 750ml, and 1000ml bottles, providing high-quality, locally produced olive oil to consumers while supporting sustainable agriculture and livelihoods.

IMPACT

Climate Change Impacts Addressed



Drought



Increasing temperatures



Desertification

Adaption Relevance

Ecolivia supports climate adaptation by empowering farmers with resilient, sustainable olive cultivation. Through training in climate-smart techniques, improved market access, and collaboration with research institutes, we strengthen livelihoods and long-term resilience to climate variability.

OPPORTUNITY

Future Plans

Ask: 183k USD

The fund will be utilized for olive oil production and processing, procurement, market readiness, and branding, as well as ensuring compliance and quality standards. Additionally, it will support product development and agricultural development, strengthening the entire value chain from farm to market.

Team & Contact

Irfan Ullah, Co-founder, ullah.swp@gmail.com, irfan.ecolivia@gmail.com
Kashif Khan, Co-founder
Israr Afiridi, Co-founder

ECOLIVIA Pvt

 <https://ecolivia.pk/>

FUNDRAISING

Current Shareholders

NA

Latest Investment(s)

20.04.2025
Grant by USAID/UNDP

Total Investment

5,000

The Ask

183,000 USD
Equity/Grant

Funding Equity Share

20%

Min. Ticket Size

35k USD

Target Valuation

457,500 USD

FINANCIAL & STRATEGY OVERVIEW

Financials, \$	2023	2024	2025(e)	2026 (e)	2027 (e)
Revenues	NA	NA	14,785	27,079	56,208
Net profit	NA	NA	7,985	14,522	29,008

Latest Developments

- Successfully launched Ecolivia Extra Virgin Olive Oil in Islamabad, marking our official entry into the premium olive oil market of Pakistan.
- Engaged local farmers and partners to strengthen our sustainable olive cultivation and supply chain.
- Initiated community awareness campaigns highlighting the health, cultural, and environmental benefits of olive oil consumption.

Next Steps

- Secure strategic investments and grants to scale production capacity and modernize olive oil extraction facilities. Expand market reach by entering new retail and online platforms, including partnerships with eco-friendly stores and distributors.
- Strengthen farmer capacity through training on sustainable olive farming, grafting, and climate-smart agricultural practices.
- Enhance brand visibility through marketing campaigns and participation in international sustainability and food innovation platforms.

Team & Contact

Irfan Ullah, Co-founder, ullah.swp@gmail.com, irfan.ecolivia@gmail.com
Kashif Khan, Co-founder
Israr Afiridi, Co-founder

Farm Dynamics Pakistan Pvt LTD

 <https://fdp.com.pk/>

“FDP brings data driven ag: Optimize, Empower, Thrive”



Country: Pakistan
Sector: Agriculture
Established: 2010
Number of staff: 17
Annual revenue, \$: 239,467 (2024)



BUSINESS MODEL

Problem

Pakistan's farmers & agribusinesses lack real-time data and cutting-edge technologies (including efficient irrigation systems and high-quality seeds). Traditional practices lead to lower yields, resource inefficiency and limited market access. This hinders Pakistan's agricultural potential and limits their income.

Business Model

1) Product Sales & Distribution: sale of Ag-tech products from our partner companies 2) After-Sales Services: FDP offers comprehensive after-sales services, including maintenance, repair and parts supply 3) Training & Capacity Building: We provide training programs and workshops for farmers, agribusinesses and agri-preneurs 4) CSA Systems: Our modular & integrated IoT and SaaS platform, using real-time data to unlock precision agriculture for maximized yields.

Revenue Streams

Their main revenue streams include the sale of seeds and farm machinery.

Solution

Farm Dynamics Pakistan modernizes agriculture. We partner with global Ag-tech leaders, offering advanced equipment, irrigation, and seeds. Going beyond products, we empower farmers and businesses with real-time data, actionable advice, and expert after-sales service. Training and capacity building fuel informed decisions for increased productivity, profitability, and sustainability

IMPACT

Climate Change Impacts Addressed



Drought



Increasing temperatures



Desertification



Land & forest degradation

Adaption Relevance

FDP's solution enhances agricultural efficiency and sustainability by providing early warnings that reduce losses by up to 30%, optimizing pesticide use by 30%, cutting water usage by 20–30% through data-driven irrigation, and improving harvesting and drying processes to increase yields by up to 15%, thereby securing both income and food supply.

Gender Relevance

FDP empowers 2,624 women farmers in Gilgit-Baltistan, supporting gender-inclusive adaptation strategies.

OPPORTUNITY

Future Plans

Their future activities focus on scaling seeds to 70,000 acres, mechanization to 15,000 acres, and CSA Systems to 14,000 farmers, embedding digital financial services, expanding the distributor network to 25 districts, onboarding 70,000 additional acres of users, and strengthening capabilities across seeds, mechanization, efficient irrigation, IoT, software integration, and customer engagement.

Ask: 1.4M USD

Investment in App development, Weather Stations, Enviroscans, Seed Inventory, Working Capital

Team & Contact

Husnain Atta, Co-founder and Business Development Manager, husnain.atta@fdp.com.pk
 Khunsa Khawar, Manager Corporate Linkages, khunsa.khawar@fdp.com.pk



Implemented by:



In partnership with:



Farm Dynamics Pakistan Pvt LTD

 <https://fdp.com.pk/>

FUNDRAISING

Current Shareholders

Ahsan Mustafa, Asad Ahmad
Malhi, Tarek Mustafa, Ameen
Mustafa, Husnain Atta

Latest Investment(s)

NA

Total Investment

-

The Ask

1,460,000 USD

Funding Equity Share

25%

Min. Ticket Size

NA

Target Valuation

5,941,824 USD

FINANCIAL & STRATEGY OVERVIEW

Financials, \$	2023	2024	2025	2026 (e)	2027 (e)
Revenues	276,777	239,467	555,228	1,385,602	2,084,603
Net profit	8,088	11,119	147,378	178,536	271,637

Latest Developments

- 80% of FY2026 sales target achieved in H1.
- Buyer/supplier credit facility secured (3.25%).
- Alfalfa seed leadership reinforced; annual targets exceeded.
- Harvesters/balers supplied; weather-advisory pilot launched with HBL Zarai Services.
- New harvesters showing up to +15% yield.
- 500 acres corn saved via mobile grain dryers during monsoon.
- Advanced fodder processing set up across 1,800+ corporate acres.

Next Steps

5-Year Outlook

- Seed user base → 70,000 acres.
- Mechanization → 15,000 acres.
- CSA Systems → 14,000 farmers.
- Digital financial services embedded into CSA ecosystem.

3-Year Priorities

- Distributor network → 25 districts.
- +70,000 acres new users.
- Focus areas: seeds, mechanization, efficient irrigation, IoT, software integration, customer onboarding.

Team & Contact

Husnain Atta, Co-founder and Business Development Manager, husnain.atta@fdp.com.pk
Khunsa Khawar, Manager Corporate Linkages, khunsa.khawar@fdp.com.pk

Irverde Gogreen Pvt. Ltd.

 www.irverde.com.pk

“Alliances for Sustainability through Circular Economy”

	<p>Country: Pakistan</p> <p>Sector: Circular Economy</p> <p>Established: 2022</p> <p>Number of staff: 6</p> <p>Annual revenue, \$: 19,743 (2024)</p>	
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BUSINESS MODEL

Problem

- Pakistan generates waste quantum per year 49.6 million Tons
- Recycling rate as low as 18%
- Health costs: diseases caused by waste
- Pakistan's waste crisis is an environmental, health, and economic challenge, demanding scalable, tech-enabled solutions for a circular economy transition.

Solution

- Environment Awareness Trainings
- Zero Waste Ecosystem
- Circular Economy Recycling/ Upcycling products including compost, furniture, textile
- DATA DRIVEN IMPACT: Track waste reduction, emissions saved, and community health improvements.

Business Model

The company provides waste management services to households, offices, institutions, and industries, covering pickup, segregation, and recycling. It offers training and awareness programs through workshops and corporate sessions. A subscription-based digital platform for carbon and waste reporting is being developed. Additionally, the company produces and sells extra virgin olive oil directly to consumers and wholesale markets.

Revenue Streams

The company's primary revenue comes from service fees charged to households, institutions, offices, and industries for waste collection, segregation, and responsible recycling. Additional revenue is generated from the sale of recyclable materials, paid training and awareness programs, and upcoming subscription-based digital reporting tools, as well as direct and wholesale sales of extra virgin olive oil.

IMPACT

Climate Change Impacts Addressed



Flooding



Increasing temperatures

Adaption Relevance

Irverde GoGreen supports climate adaptation by reducing environmental vulnerabilities and strengthening resilience for communities, businesses, and ecosystems through waste diversion, carbon reporting, sustainable agriculture, circular economy initiatives, and green jobs.

Gender Relevance

Empowering women and creating green jobs, Irverde strengthens social resilience and economic adaptation to climate shocks.

OPPORTUNITY

Future Plans

- Internationally Launching our SaaS platform for ESG reporting specially Europe – focused on carbon trading.
- Development of 2 ideal recycling hubs catering atleast 100 tons a month.
- Raising \$500,000 in 2nd round.

Ask: 150k USD

Development of Irverde's SaaS platform to get more industries on board and expanding operations.

Production &, olive procurement, Compliance & Quality Assurance, Product Development & Innovation, Agricultural Development, and Market Readiness & Branding.

Team & Contact

Angel Imdad, Co-founder: angel.imdad@irverde.com.pk
Naushad Mitha, Co-founder

Irverde Gogreen Pvt. Ltd.

 www.irverde.com.pk

FUNDRAISING

Current Shareholders

NA

Latest Investment(s)

30.11.2023

Grant investment by
Standard Charter Bank -
Women in Tech

Total Investment

8,830 USD

The Ask

150,000 USD
Equity/Debt

Funding Equity Share

20%

Min. Ticket Size

17,777 USD

Target Valuation

512,511 USD

FINANCIAL & STRATEGY OVERVIEW

Financials, \$	2023	2024	2025	2026 (e)	2027 (e)
Revenues	17,272	19,743	17,060	177,009	259,996
Net profit	Loss (3605)	Loss (2381)	16,393	86,010	155,805

Latest Developments

- Getting new clients on board actively
- Developed MVP for our SaaS platform
- Signed MOU with WWF as their exclusive waste mgmt. partners for Green office Certification (150+ offices in Sindh)

Next Steps

- Development of our SaaS platform to get more industries on board
- Expanding operations
- Raising funds to expand operations
- Getting local waste management authority onboard

Team & Contact

Angel Imdad, Co-founder: angel.imdad@irverde.com.pk
Naushad Mitha, Co-founder

ISP Environmental Solutions Pvt LTD

 <https://ispenv.com/>

“Working towards creating solutions and strategies that utilize Integrated Solid Waste Management”



Country: Pakistan
Sector: Waste Management
Established: October 2020
Number of staff: 150+
Annual revenue: 914,000 USD



BUSINESS MODEL

Problem

Loss of 49% of topsoil due to excessive use of chemicals and mismanaged waste dumping including MSW, industrial processed waste and low-grade plastic waste.

Solution

Development of integrated waste management area with innovative transformation of low-grade plastic into Eco-bricks, converting organic waste into soil conditioner and efficient collection supply chain of low-grade plastic through reverse vending machine and connecting plastic hotspots through application thus reducing overall GHG emissions at every step of waste management & processing.

Business Model

Service provider integrating technology and data management for industrial sector for traceability carbon footprint monitoring. Selling off organic waste conditioner and eco bricks (pavers, curbside stones)

Revenue Streams

1. Waste collection service at doorstep and Processing at MRF (48%)
2. Product sale (organic soil conditioner: 26 %)
3. Plastic collection and ecobrick sale (19%)
4. RVM sale (7%)

IMPACT

Climate Change Impacts Addressed



Drought



Increasing temperatures



Desertification



Land & forest degradation

Adaptation Relevance

ISP boosts climate resilience by turning unmanaged waste into safe, efficient, low-carbon resource cycles. By cutting pollution risks, reducing landfill overflow, and preventing drainage blockages that worsen flooding, ISP strengthens the adaptive capacity of cities and businesses. Its circular economy model directly minimizes climate-related vulnerabilities in land, air, and water systems; creating cleaner, healthier, more resilient urban environments.

Gender Relevance

ISP uplifts waste collectors—especially women in informal roles—by transforming unstable, hazardous work into safer, better-paid, and more secure opportunities.

OPPORTUNITY

Future Plans

Ask: 800K USD

Investment in purchase of equipment for MRF facility development, collection vehicles

Team & Contact Dr. Zillay Mariam, zillayisp@gmail.com; Gulfam Abid; Wajid Ali

ISP Environmental Solutions

 <https://ispenv.com/>

FUNDRAISING

Current Shareholders

Gulfam Abid (28.4%); Dr Zillay Mariam (28.3%); Wajid Ali (28.3); Ahmad Ali Ranjha (15%)

The Ask

800,000 USD Convertible Debt

Target Valuation

1,500,000 USD

Latest Investment(s)

45k USD by VC (Accelerate Prosperity)

Funding Equity Share

7%

Total Investment

-

Min. Ticket Size

600,000 USD

FINANCIAL & STRATEGY OVERVIEW

Financials, \$	2023	2024	2025	2026 (e)	2027 (e)
Revenues	69,167	275,971	914,011	-	-
Net profit	5,152	109,778	430,249	-	-

Latest Developments

- Hazardous waste handling site construction initiated and shall be completed by end of November 2025

Next Steps

- To scale business including placement of reverse vending machines at 100 spots with in next 2-year time and scale business to international market (South Asia)
- Develop ISP Technologies to be next player in the field of data management including plastics

Team & Contact Dr. Zillay Mariam, zillayisp@gmail.com; Gulfam Abid; Wajid Ali

Machvista Engineering (Pvt) Ltd.

 <https://machvista.com/>

“Turning small farms into big opportunities”



Country: Pakistan
Sector: Agriculture
Established: 2024
Number of staff: 10
Annual revenue, \$: 42,067 (2024)



BUSINESS MODEL

Problem

Smallholder farmers face rising labor costs, low yields, and shrinking profits. Imported machinery is too expensive, oversized, and unsuitable for small land holdings, while manual methods are slow and exhausting. Without affordable, locally adapted tools, farmers can't improve productivity, reduce input waste, or withstand climate shocks - keeping small holding farmers trapped in a cycle of low income and high vulnerability.

Solution

Farm Machvista designs and builds affordable, locally manufactured farm machinery tailored to smallholder needs. Our tools—such as no-till seeders, intercultivators, and crop-specific implements—help farmers save labor, cut input costs, and boost yields. By using climate-smart designs that conserve soil and water, we enable farmers to increase income while building long-term resilience.

Business Model

Currently Machvista works with various Multinational companies on B2B model where they work with their contracted farmer base, involvement with B2C model is low however this will expand over time

Revenue Streams

B2B (93%), B2C (7%), Major revenue comes from Transplanters (25%), Seeders (30%), Cotton Pickers (10%), Stitching machine (25%) & Dryers (10%).

IMPACT

Climate Change Impacts Addressed



Drought



Desertification



Land & forest degradation

Adaption Relevance

No-till and conservation practices reduce soil disturbance, enhance soil carbon, and improve drought resilience. Precision mechanization optimizes input use and cuts emissions. Affordable local solutions make climate-smart farming accessible to smallholders, while circular economy measures - like recycled materials and renewable energy - further minimize climate impact.

OPPORTUNITY

Future Plans

- Expansion of footprint to 6 Punjab & Sindh Agricultural Zones Q4 2026/2027
- Exports of Made in Pakistan products globally 2027
- Prototype manufacturing of Pakistan's own first rice Transplanters 2027

Ask: 250k USD

Use of funds:

- 60% Capex,
- 15% on footprint expansion,
- 10% each on team expansion & raw material,
- 5% on R&D

Team & Contact Ali Zafar Khan, Founder, ali.zafar@machvista.com



Implemented by:



PrivABoo

In partnership with:



GreenTec
CAPITAL PARTNERS

Machvista Engineering (Pvt) Ltd.

 <http://www.machvista.com/>

FUNDRAISING

Current Shareholders

Ali Zafar
Umer Zaheer

Latest Investment(s)

-

Total Investment

-

The Ask

250,000 USD

Funding Equity Share

15%

Min. Ticket Size

NA

Target Valuation

1,700,000 USD

FINANCIAL & STRATEGY OVERVIEW

Financials, \$	2023	2024	2025	2026 (e)	2027 (e)
Revenues	NA	42,067	372,302	1,533,669	8,383,813
Net profit	NA	10,937	85,629	429,427	2,766,658

Latest Developments

- Announced as National Mechanization Partner for BAT in Pakistan.
- Secured a project with a client which is worth 250K USD for FY2025-2026

Next Steps

- New small gadgets to be introduced in Q1 2026
- Possible collaboration with government bodies during Q2 2026

Team & Contact Ali Zafar Khan, Founder, ali.zafar@machvista.com

Peace Power Pvt LTD

 [Home - Water Structuring Technology](#)

“Peace Power (Pvt) Ltd Determined to Introduce Innovative Technologies”



Country: Pakistan
Sector: AgriTech
Established: 2016
Number of staff: 6
Annual revenue, \$: 159,511 (2024)



BUSINESS MODEL

Problem

Pakistan's Pakistan is facing water scarcity, poor agricultural sector water management, inefficient infrastructure and water pollution and gradually increase waterlogged land.

Solution

We provide magnetic devices for farmers to install on tube wells to be able to utilize unfit salty brackish water for agriculture and yield & Quality Enhancement.

Business Model

Peace Power (Pvt.) Ltd develops and deploys water-structuring technologies that enable irrigation with saline water and the reclamation of degraded land for agricultural use. The company generates revenue through direct sales of its devices and related technical services to farmers, agribusinesses, and irrigation providers. As part of its market-penetration and scale-up strategy, Peace Power is establishing demonstration sites to showcase technology performance and promote large-scale adoption — contributing to food security and the productive use of marginal lands.

Revenue Streams

Sales and Installation of Magnetic Devices for Tube well to potential farmers for Salty Water Conversion and reclamation of waterlogged land into Cultivable Land.

IMPACT

Climate Change Impacts Addressed



Drought



Desertification



Land & forest degradation

Adaption Relevance

Peace Power's magnetic technology enables the use of saline underground water for irrigation, directly addressing water scarcity and supporting climate-resilient agriculture. By reclaiming degraded or marginal lands and providing reliable water for crops, the technology enhances food security, strengthens farmer resilience to drought, and promotes sustainable land use in water-stressed regions.

OPPORTUNITY

Future Plans

We will be working on three key areas: Training & capacity building, sustainable partnerships and climate adaptation solutions.

Ask: 370k USD

Investment will be used for Development of 25 Demonstration Sites.

Team & Contact

Farid Uddin, Co-founder, faridpak@gmail.com
 Isbah Sultan, Co-founder
 Sikandar Sulta, Co-founder

Peace Power Pvt LTD

 [Home - Water Structuring Technology](#)

FUNDRAISING	Current Shareholders NA	Latest Investment(s) NA	Total Investment -
	The Ask 370,000 USD Equity	Funding Equity Share 30%	Min. Ticket Size NA
	Target Valuation 1,300,000 USD		

FINANCIAL & STRATEGY OVERVIEW

Financials, \$	2023	2024	2025	2026 (e)	2027 (e)
Revenues	1019	159,511	194,603	230,000	270,000
Net profit	-459	10,859	16,464	25,000	30,000

Latest Developments

- Arrangement of land for 2 Demonstration Site finalized in Karachi and Hub Area with the Land Owners

Next Steps

- To establish 25 demonstration sites in next 2 years in Punjab and Sind.
- We anticipate further funding because of expansion of demonstration across Pakistan.
- To develop direct sales and marketing network across Pakistan.
- To hire 15 highly experienced persons in field force in two years.
- To carry out collaboration activities with Agriculture Universities for the Technology

Team & Contact

Farid Uddin, Co-founder, faridpak@gmail.com
Isbah Sultan, Co-founder
Sikandar Sulta, Co-founder

Sahara Recycling Pvt LTD

 www.saharaarecycling.com

“We work to excel in waste intelligence”

SAHARA
RECYCLING PVT LTD

Country: Pakistan
Sector: Circular Economy
Established: 2020
Number of staff: 6
Annual revenue, \$: 316,853 (2024)



BUSINESS MODEL

Problem

Plastic waste is clogging the landfills causing habitat degradation and major amounts of plastic leakage into the environment. We are processing this plastic waste to be part of new plastic production processes creating circular economy and saving billions in waste resources into sustainable unput materials introducing replacement for fossil-based materials

Business Model

Sahara Recycling operates a B2B model, supplying recycled feedstock to the petrochemical industry in regional markets. Revenue is generated through direct sales and distribution channels, leveraging partnerships with industrial clients to ensure consistent off-take. The company focuses on scaling recycling operations to meet industrial demand while providing sustainable alternatives to virgin feedstock.

Revenue Streams

Recycling plastics mechanically, chemical and carbon credits.

Solution

Sahara Recycling is developing proprietary chemical recycling technology compatible to process >90% plastic waste leaked to the landfills in Pakistan, The product will co-run in petrochemicals to produce new plastics.

IMPACT

Climate Change Impacts Addressed



Flooding



Increasing temperatures

Adaption Relevance

The innovation is linked with infrastructure development to build new supply-chains, build resilience cities and waste management to reduce waste through resource efficient practices while brining sector GHG emissions in control.

OPPORTUNITY

Future Plans

- Commercial Scale in – Q2 2028
- Export Markets – Q1 2027
- Technology Off-takes – Q2 2030

Ask: 1 Mio USD

Pilot Plant, Analysis & Prefeasibility, PPP Contracts & Permits, Basic Engineering Package

Team & Contact

Gouhar Jamal, Co-founder, gouhar.jamal@saharaarecycling.com
Mashaal Moazzam, Co-founder, mashaal.moazzam@saharaarecycling.com



Implemented by:



In partnership with:



Sahara Recycling Pvt LTD

 www.saharaarecycling.com

FUNDRAISING

Current Shareholders

Gouhar Jamal
Mashaal Moazzam

Latest Investment(s)

NA

Total Investment

-

The Ask

1 Mio USD

Funding Equity Share

NA

Min. Ticket Size

650k USD

Target Valuation

SAFE Note (Valuation Cap:
2,2M USD)

FINANCIAL & STRATEGY OVERVIEW

Financials, \$	2023	2024	2025	2026 (e)	2027 (e)
Revenues	214,983	316,853	370,893	399,053	3,044,045
Net profit	16,598	28,334	45,814	61,418	256,547

Latest Developments

- 2 MRF Govt. Contracts in hand
- Worley as technology development partner

Next Steps

- PPP Contract – Q2 2026
- Product Evaluations and off-take
- Pilot Plant in – Q3 2026

Team & Contact

Gouhar Jamal, Co-founder, gouhar.jamal@saharaarecycling.com
Mashaal Moazzam, Co-founder, mashaal.moazzam@saharaarecycling.com

Salaam Takaful Limited

 <https://www.salaamtakaful.com/>

Salaam Crop Parametric Takaful



Country: Pakistan
Sector: Insurance
Established: 2006
Number of staff: 160
Annual revenue, \$: 18 M (2024)



BUSINESS MODEL

Problem

Pakistan is the 5th most vulnerable to climate change & also part of the V20 nations. 2022 floods (caused by excess rainfalls) caused \$40 billion in economic losses, Food Security for 235 million and Climate Change Impact on Agriculture.

Solution

Instant, trigger-based payouts – no claim delays, Transparent, dispute-free process with advisory support, Shariah-compliant alternative to conventional insurance, Boosts farm yield through climate-smart guidance

Business Model

Salaam Takaful's business model provides Shariah-compliant parametric crop insurance to smallholder farmers, offering automated payouts triggered by weather events. Revenue comes from premiums paid by farmers and partner institutions, technology service fees, and surplus sharing under Takaful principles, supported by partners such as data providers, agritech firms, banks, and NGOs.

Revenue Streams

Their primary revenue comes from Takaful contributions (premiums) collected from farmers and partner institutions such as agritech firms, banks, and NGOs. Additional income is generated through technology service fees for data integration and platform usage.

IMPACT

Climate Change Impacts Addressed



Drought



Increasing temperatures



Desertification



Flooding

Adaption Relevance

Salaam Takaful strengthens climate adaptation by protecting smallholder farmers from weather shocks through parametric insurance with fast, data-driven payouts. Complemented by climate-smart training, digital monitoring tools, and partnerships for sustainable agriculture, it enhances farmers' resilience and recovery capacity.

OPPORTUNITY

Future Plans

Ask: 4.5M USD

Technology, Marketing, Implementation cost, personnel costs, premium subsidy

Team & Contact

Rizwan Hussain, Co-founder, ali.zaidi@salaamtakaful.com, Salman Hussain, Co-founder
 Ali Zaidi, ali.zaidi@salaamtakaful.com

Salaam Takaful Limited

 <https://www.salaamtakaful.com/>

FUNDRAISING

Current Shareholders

NA

Latest Investment(s)

NA

Total Investment

-

The Ask

4,5M USD
Equity/ Debt

Funding Equity Share

NA

Min. Ticket Size

NA

Target Valuation

20M USD

FINANCIAL & STRATEGY OVERVIEW

Financials, \$	2023	2024	2025	2026 (e)	2027 (e)
Revenues	14,7 million	18 million	14,1 million	15,9 million	17,6 million
Net profit	0,84 million	1,04 million	0,35 million	0,71 million	1,4 million

Next Steps

- Scale coverage by expanding partnerships with agritech firms, banks, and NGOs to reach more smallholder farmers.
- Enhance data accuracy through integration with additional weather and satellite data sources.
- Develop digital tools for real-time farmer onboarding, weather tracking, and instant claim settlements.
- Secure funding with climate and impact investors to support product expansion.

Team & Contact

Rizwan Hussain, Co-founder, ali.zaidi@salaamtakaful.com, Salman Hussain, Co-founder
Ali Zaidi, ali.zaidi@salaamtakaful.com

Sustainable Agriculture Water & Intelligent Ecosystem Pvt LDT

 <https://sawie.net/>

“SAWiE delivers unbiased, data-driven farm advisory and precision agriculture solutions”



Country: Pakistan
Sector: Agritech, IT
Established: 2022
Number of staff: 30
Annual revenue, \$: 1,948 (2024)



BUSINESS MODEL

Problem

Pakistan's agriculture faces severe climate risks—heat, droughts, floods, pests, and water scarcity—threatening key crops and smallholder livelihoods, requiring urgent adoption of climate-smart practices, efficient water use, and digital advisory systems to build resilience.

Business Model

SAWiE strengthens Pakistan's climate-resilient agriculture by providing AI-based digital advisory services for farming decisions, linking farms to supply chains, and enabling carbon market participation to boost productivity, transparency, and farmer incomes.

Solution

SAWiE strengthens Pakistan's climate-resilient agriculture by providing AI-based digital advisory services for farming decisions, linking farms to supply chains, and enabling carbon market participation to boost productivity, transparency, and farmer incomes.

Revenue Streams

Three services include i) farm consultancy services, ii) crop monitoring tools iii) Traceability from farm to fork and fashion.

IMPACT

Climate Change Impacts Addressed



Drought



Desertification

Adaption Relevance

Precise advice for improving soil health and optimization of farm inputs under changing climatic conditions.

Gender Relevance

The SAWiE platform empowers rural women, who make up over 50% of the agricultural workforce. It enhances their livelihoods through training, capacity building, and market linkages, enabling active participation in climate-smart farming and the sale of farm produce.

OPPORTUNITY

Future Plans

Partnerships and alliances with the key brands
 Exploring markets in Asia and Africa

Ask: 230k USD

- Platform Development : US\$ 100K
- HR Staff : US\$ 100K
- Marketing: US\$30K

Team & Contact Dr. Khalid Mahmood, CEO, khalid.mahmood@sawie.net, info@sawie.net

Sustainable Agriculture Water & Intelligent Ecosystem Pvt LDT

 <https://sawie.net/>

FUNDRAISING

Current Shareholders

NA

Latest Investment(s)

NA

Total Investment

NA

The Ask

230,000 USD

Funding Equity Share

NA

Min. Ticket Size

NA

Target Valuation

SAFE Note

FINANCIAL & STRATEGY OVERVIEW

Financials, \$	2023	2024	2025	2026 (e)	2027 (e)
Revenues	4,234	1,948	12,611	100,000	500,000
Net profit	-244	-6,718	2,117	20,000	100,00

Latest Developments

- Traceability platform launched with two top textile house
- Started cluster-based lending with top bank in Pakistan
- Developing a market linkage platform for rice trading

Next Steps

- Regen Agri projects expansion -50K acres in Punjab and Sindh
- Negotiating a contract for Carbon markets and with the Ministry of Textiles to build a complete textile traceability platform.
- Implement a large-scale MRV project for agroforestry.

Team & Contact Dr. Khalid Mahmood, CEO, khalid.mahmood@sawie.net, info@sawie.net

TrashIt

 [Trashit - Your Compost Hero](#)

TrashIt collects urban and agriculture waste to repurpose it into valuable resource such as compost for sustainable farming.

	<p>Country: Pakistan</p> <p>Sector: Waste Management</p> <p>Established: 2018</p> <p>Number of staff: 5</p> <p>Annual revenue, \$: 33,680.37</p>	
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BUSINESS MODEL

Problem

Farmers need affordable ways to keep their soil fertile without relying on expensive chemicals. They also want better ways to deal with waste without harming the environment.

Business Model

TrashIt creates decentralized composting hubs to process urban organic waste and agricultural waste. We transform these materials into nutrient-rich fertilizer, which we distribute to home gardeners, retailers, and farmers, fostering sustainable agriculture and waste management practices.

Revenue Streams

Product revenue source: Sales of compost, and other ecofriendly products. Services revenue streams: 1. Corporate engagement: Providing on-site composting setups, waste collection, and recycling support. 2. Training services: Offering education on composting, sustainability practices, and Sustainable Development Goals 3. Sustainable gifting solutions: Assisting corporations with eco-friendly gift options for various events.

Solution

Through TrashIt's decentralized composting hubs, TrashIt transforms urban and agricultural organic waste into nutrient-rich fertilizer. This fertilizer enriches soil health, promotes plant growth, and reduces the reliance on costly chemical alternatives, all while effectively managing organic waste in an environmentally sustainable manner.

IMPACT

Climate Change Impacts Addressed



Drought



Desertification



Land & forest degradation

Adaptation Relevance

TrashIt supports climate change adaptation by producing organic compost, which helps restore degraded land and enables farmers to grow healthier crops with reduced reliance on expensive chemical fertilizers. By incorporating our compost into their farming methods, farmers can improve crop resilience, enhance yield stability, and adapt to changing climate conditions.

Gender Relevance

Female co-founder and 2 out of 3 managers are female

OPPORTUNITY

Future Plans

TrashIt aims to scale the use of compost for agricultural and export purposes; to increase its reach to a broader audience by making this compost available to farmers, retailers, and home gardeners; to export the compost to other countries, promoting sustainable agriculture and contributing to a cleaner and greener planet; to enhance its composting technology through improved research and development, seek international certification for its product and processes, and develop new products and services to meet its customers' evolving needs.

Ask: USD 250,000 | Equity

Funds will be used on building the team, developing model sites, marketing and sales efforts, process optimization, research and development

Team & Contact

Anusha Fatima, Co-founder and Chief Executive Officer, anusha@trashit.pk, over 7 years of experience

Rahul Rai, Co-founder, Strategy and Finance Lead, rahul@trashit.pk, over 12 years of experience

Trashit

 [Trashit - Your Compost Hero](#)

FUNDRAISING

Current Shareholders

2

Latest Investment(s)

25k USD inconcessional debt financing, 2025

Total Investment

NA

The Ask

250,000 USD equity

Funding Equity Share

20%

Min. Ticket Size

100,000 USD

Target Valuation

1,250,000 USD

FINANCIAL & STRATEGY OVERVIEW

Financials, \$	2023	2024	2025(e)	2026(e)	2027(e)
Revenues	29,526	35,309	42,6000	73,550	112,000
Net profit	-848	2,644	4,235	8,326	16,754

Latest Developments (Q2 2025)

- Development of facility in Gharo with EU Grant of 95,000 Euro via UNIDO
- Two on farm decentralized composting facilities established
- Collaboration with Wild Soils UK for product enrichment
- Active discussions with World Bank Team, WWF, and FAO on composting in rural areas and safe sanitation

Next Steps

- Unlocking collaboration with a local waste management company in Punjab to take composting at domestic level near garbage transfer stations
- Continuous onboarding of local farmers to adopt use of compost on their farms and monitoring its impact on soil.
- Launch of new waste recovery facility in Gharo.

Team & Contact

Anusha Fatima, Co-founder and Chief Executive Officer, anusha@trashit.pk, over 7 years of experience
 Rahul Rai, Co-founder, Strategy and Finance Lead, rahul@trashit.pk, over 12 years of experience