



Adaptation SME Accelerator Program

Climate Adaptation Solutions Cohort – Asia and Africa Regions

Absolute Water | <https://absolutewater.in> - India

Description: Absolute Water increases the availability and quality of water in areas projected to experience water stress by treating and converting sewage wastewater organically into potable water through a 100% green water recovery system that is based on a mix of vermicast and microorganisms that naturally degrade all the pollutants in the raw sewage, converting some into nutrients. There is no sludge formation which eliminates the problem of sludge dewatering, handling, and disposal.



Builds resilience to: increased drought and water scarcity that affect residential and commercial water use

Applicable Sectors: Agriculture, Health, Infrastructure, Water

Agromyx | <http://agromyx.com> - Ghana

Description: Agromyx helps smallholder farmers reduce food waste and generate additional income by turning non-marketable post-harvest crops into shelf-stable and nutritious food products. Reducing post-harvest food losses helps to build a more resilient agricultural system and global food supply chain.



Builds resilience to: drought, heat stress, and extreme weather events that reduce crop yields, harm farmer incomes, and increase food insecurity.

Applicable Sectors: Agriculture, Transportation & Supply Chain

Agtuall | <https://agtuall.com> - India

Description: Agtuall provides affordable crop price risk management solutions for smallholder farmers across the world. Their end-to-end data analytics platform increases the resilience of smallholder farmers by assessing the frequency and intensity of natural calamities and their impacts on crop yields and price.



Builds resilience to: extreme weather events and weather volatility that affect crop yields, crop prices, and farmer incomes.

Applicable Sectors: Agriculture, Finance & Insurance, Information & Communications, Transportation & Supply Chain

Aumsat | <https://www.aumsat.com> - India

Description: Aumsat provides satellite-based, AI-enabled hydrological analysis for locating, predicting, and forecasting groundwater resources. Their services help detect groundwater zones remotely, without fieldwork, helping farmers identify the optimum location for digging a well with high precision, less effort, and at lower cost.



Builds resilience to: increased drought and water scarcity that affect crop irrigation.

Applicable Sectors: Agriculture, Water

Cadel Consulting | <https://www.cadelafrica.com> - Burkina Faso

Description: Cadel Consulting produces phospho-compost, an organic fertilizer that helps in restoring degraded land, a problem faced by 85% of farmers in Burkina Faso. The company also distributes improved seed from other companies and trains farmers on smart farming practices.



Builds resilience to: drought, heat stress, and extreme weather events that reduce crop yields and degrade arable land.

Applicable Sectors: Agriculture

Congretype | <https://congretype.co.za> – South Africa

Description: Congretype provides an e-weather platform that provides accurate, geo-located weather and agronomic information in local languages to smallholder farmers so they can make time sensitive management decisions and align their cropping calendar.



Builds resilience to: extreme weather events and weather volatility that reduce crop yields and harm farmer incomes.

Applicable Sectors: Agriculture, Information & Communications, Water

Crop2X | <https://crop2x.com> - Pakistan

Description: Crop2X is a precision agri-tech startup that provides weather forecast and water information that can help farmers increase production while minimizing inputs. This enables farmers to adapt to changing climatic conditions due to climate change. Their solution is used by agricultural economists, agricultural engineers, financial institutions, farmers and more.



Builds resilience to: extreme weather events and weather volatility that affect crop yields and farmer incomes.

Applicable Sectors: Agriculture, Finance & Insurance, Information & Communications, Water

EF Polymer | <https://www.efpolymer.com> - India

Description: EF Polymer produces a naturally biodegradable water retention polymer for soil conditioning. The technology can absorb water up to 150 times its weight and release it over a long period of time to maintain soil moisture.

Builds resilience to: increased drought, water scarcity, and heat stress that affect crop yields and farmer incomes.

Applicable Sectors: Agriculture, Water



FreezeLink 3PL | <https://freezelinek.co> - Ghana

Description: FreezeLink delivers cold chain logistics services to reduce food waste and enhance food security and to increase the availability of medicine in Africa.

Builds resilience to: extreme heat and extreme weather events that reduce crop yields, worsen food waste, and increase food insecurity.

Applicable Sectors: Agriculture, Energy, Health, Infrastructure, Transportation & Supply Chain



Hiraya | <https://www.hirayawater.com> - Philippines

Description: Hiraya Water provides AI-driven smart water management products and services for developing markets, helping water utilities optimize their operations – reducing water loss, reducing power consumption and improving service levels.

Builds resilience to: increased drought and water scarcity that affect drinking water availability and price.

Applicable Sectors: Energy, Information & Communications, Infrastructure, Water



Kitovu Technologies | <https://kitovu.com.ng> - Nigeria

Description: Kitovu provides smallholder farmers with data about soil and crop health, storage and market links, through a digital farm productivity platform.

Builds resilience to: drought, heat stress, and extreme weather events that reduce crop yields and harm farmer incomes.

Applicable Sectors: Agriculture, Finance & Insurance, Information & Communications, Transportation & Supply Chain, Water



Komunidad | <https://komunidad.co> – Philippines/Singapore

Description: Komunidad is an environmental intelligence platform which helps businesses and governments use earth observation data and analytics to accurately assess physical risks and improve resilience. Their clients are in agriculture, insurance, ports and harbors, construction companies, schools, and government.



Builds resilience to: extreme weather events, flooding, and other climate-related events that affect governments and businesses in various sectors.

Applicable Sectors: Agriculture, Coastal Zones, Energy, Finance & Insurance, Infrastructure, Real Estate & Construction, Transportation & Supply Chain

Rwanda Biosolution | <https://www.rwandabiosolution.com> - Rwanda

Description: Rwanda Biosolution produces organic fertilizers using Effective Microorganism (EM) technology. The process recycles crop waste into organic fertilizer, helping farmers improve soil fertility, reduce disease, and increase their yields.



Builds resilience to: drought, heat stress, and extreme weather events that reduce crop yields, degrade arable land, and harm farmer incomes.

Applicable Sectors: Agriculture

Ship60 | <https://ship60.com> -Vietnam

Description: Ship60 is a fulfillment services platform for small businesses that offers a distributed warehouse network to reduce shipping time and cost. The company manages warehousing/storage, logistics, and delivery of products to end customers in Vietnam, including offering same day delivery. Its distributed warehouse network and e-logistics platform can help to improve the resilience of supply chains in Vietnam, especially during natural disasters like floods or other disruptions.



Builds resilience to: extreme weather events, flooding, and other climate- (or non-climate-) related events that disrupt supply chains.

Applicable Sectors: Transportation & Supply Chain

Worldtech Consult | <https://www.worldtechconsultgh.com> - Ghana

Description: Worldtech Consult designs, manufactures, and installs solar powered walk-in cold rooms to extend the shelf life of agricultural products and temperature-sensitive materials, enhancing food system resilience and minimizing losses.

Builds resilience to: extreme heat and extreme weather events that reduce crop yields, worsen food waste, and increase food insecurity.

Applicable Sectors: Agriculture, Energy, Transportation & Supply Chain



Zr3i | <http://zr3i.com> - Egypt

Description: Zr3i is a precision agriculture platform-as-a-service that offers crop monitoring, management, and insurance services to the agriculture sector in Egypt and the Arab world, helping farmers to mitigate risks due to climate change.

Builds resilience to: extreme weather events and weather volatility that reduce crop yields and harm farmer incomes.

Applicable Sectors: Agriculture, Finance & Insurance, Information & Communications, Transportation & Supply Chain



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