



World Food Programme

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# WFP's Climate and Resilience Investment Pipeline

Partnering for Actions to Reduce Humanitarian Needs and Boost Food Security

November 2024 Update

WFP's **Climate and Resilience Investment Pipeline**, first launched in December 2023, is the organization's main vehicle for scaling up financial, technical and partnership support to provide immediate climate protection, accelerating adaptation and building long-term resilience for the most food-insecure populations in fragile and conflict-affected situations (FCS). Currently, it covers more than **60 countries** with **60 programmes and project concepts**. With less than 1% of climate finance currently directed toward the FCS contexts for adaptation and resilience-building efforts, the Pipeline aims to mobilize the resources urgently required to assist national governments and local communities to avert, minimize and address losses and damages from more frequent and intense climate extremes while reducing recurring humanitarian needs and boosting food security by 2030.

## The interlinkage of climate, fragility, and hunger

The climate crisis is a key driver of the unprecedented rise in global hunger.



In 2023, climate extremes were the primary driver of acute food-insecurity for **72 million people in 18 countries**, with the majority located in FCS. This is an increase of over 26 percent from 2022.



**15 out of 20 countries** that are most vulnerable to the effects of climate change are fragile and conflict affected.



**Land degradation already affects 3.2 billion people**, with ever increasing annual global losses of healthy and productive land; up to 70% of WFP beneficiaries are smallholders living in and relying on degraded lands for their livelihoods, and who experience repeated climate shocks.



**3-times more people** are affected by extreme weather events in FCS than people living in other countries.



People in extremely fragile countries receive up to **80 times less climate finance** per person and year compared to people in non-fragile countries.



In 2020/21, less than **one percent of Official Development Assistance (ODA) to extremely fragile contexts** included climate adaptation as a principal objective.

For further information about the investment pipeline, please contact us at our dedicated email address: [wfp.climateinvestment.pipeline@wfp.org](mailto:wfp.climateinvestment.pipeline@wfp.org)



# Interventions to Tackle Climate Change Impacts

**Climate change is a threat multiplier for food-insecure populations.** It intensifies resource scarcity and worsens the existing social, economic, and environmental factors that underpin hunger and malnutrition. Food insecurity is highest where the adverse impacts of climate change intersect with other drivers of hunger, such as fragile and degraded landscapes, conflicts, structural poverty, and economic inequality.

In the absence of timely investments in adaptation and disaster risk reduction, fragile and food-insecure communities are now experiencing the impacts of climate change on a timescale of weeks and months rather than years and decades. Many remain cut off from financing that is urgently needed to strengthen resilience and adaptive capacity at the local level and to connect with national and international systems for emergency preparedness and response planning.

**As the world's largest humanitarian agency, with presence in over 120 countries and territories,** WFP enables support on climate protection and resilience-building in some of the hardest to reach communities. In 2023, the organization supported 18 million food-insecure and climate-vulnerable people in 60 countries with specific solutions to manage the risks of droughts, floods, cyclones, and heatwaves and enhance resilience to shocks. Based on the OECD data, between 2018 and 2022, WFP was the leading UN agency channeling climate-related financing in **68 countries in FCS, amounting to USD 1.78 billion.**

Building on sixty years of experience operating in some of the most challenging contexts, WFP has demonstrated that **climate action and resilience building in FCS are not only feasible, but also effective when they integrate the following four dimensions:**



**Adapt** to climate change by supporting the restoration of degraded ecosystems and rehabilitation of local infrastructure, promoting sustainable farming practices to enhance regenerative livelihoods, and reducing post-harvest losses.



**Reduce and address** short-term climate-related risks by strengthening early warning systems and emergency preparedness, expanding shock-responsive social and financial protection, and activating anticipatory action.



**Respond** by providing emergency relief to communities where climate disasters have caused losses and damages to livelihoods, ensuring that immediate needs are met while supporting longer-term recovery.



**Mitigate** the impacts of climate change by minimizing WFP's carbon footprint and enhancing sustainability throughout its supply chain.

The evaluations of WFP's programmes in fragile contexts have demonstrated that multi-year investments in resilience building yield a range of other development benefits, such as poverty reduction, reduced migration, women's empowerment and gender equality, and social cohesion.

## WFP's Climate and Resilience Investment Pipeline

Launched in connection with the [COP28 Declaration on Climate, Relief, Recovery and Peace](#), the Investment Pipeline is centered on three critical pillars:

- **scale-up** climate protection and risk

management coverage to reach more people and communities with assistance that saves lives, assets, and livelihoods.

- **invest** in resilience strengthening to reduce humanitarian needs, including ecosystem-based solutions, climate smart physical infrastructure, and human capital for enhanced adaptive capacity.
- **build** sustainable and strengthen the resilience of local food systems and value chains for greater long-term food and nutrition security.

The Pipeline promotes integrated and innovative programming, financing and partnership for greater efficiency, alignment, and results. Resourcing and implementing the Investment Pipeline signifies WFP's commitment to operationalizing the COP28 Declaration on Climate, Relief, Recovery and Peace; contributing to meet COP29 Azerbaijan's climate, peace, and security vision; and delivering tried and tested solutions to address the interconnected complex challenges of climate change, land degradation, biodiversity loss, and food insecurity, faced by many communities in some of the hardest to reach locations. It aims to enable people in FCS countries to achieve the goals outlined in Nationally Determined Contributions (NDCs) and National Adaptation Plans (NAPs), while generating measurable co-benefits in reducing hunger, improving gender equality, safeguarding development investments, mitigating conflict and sustaining peace.

From the Horn of Africa to the Sahel, Haiti to Afghanistan, and Yemen to Myanmar, WFP's Climate and Resilience Investment Pipeline covers a wide range of countries with various context-specific solutions.

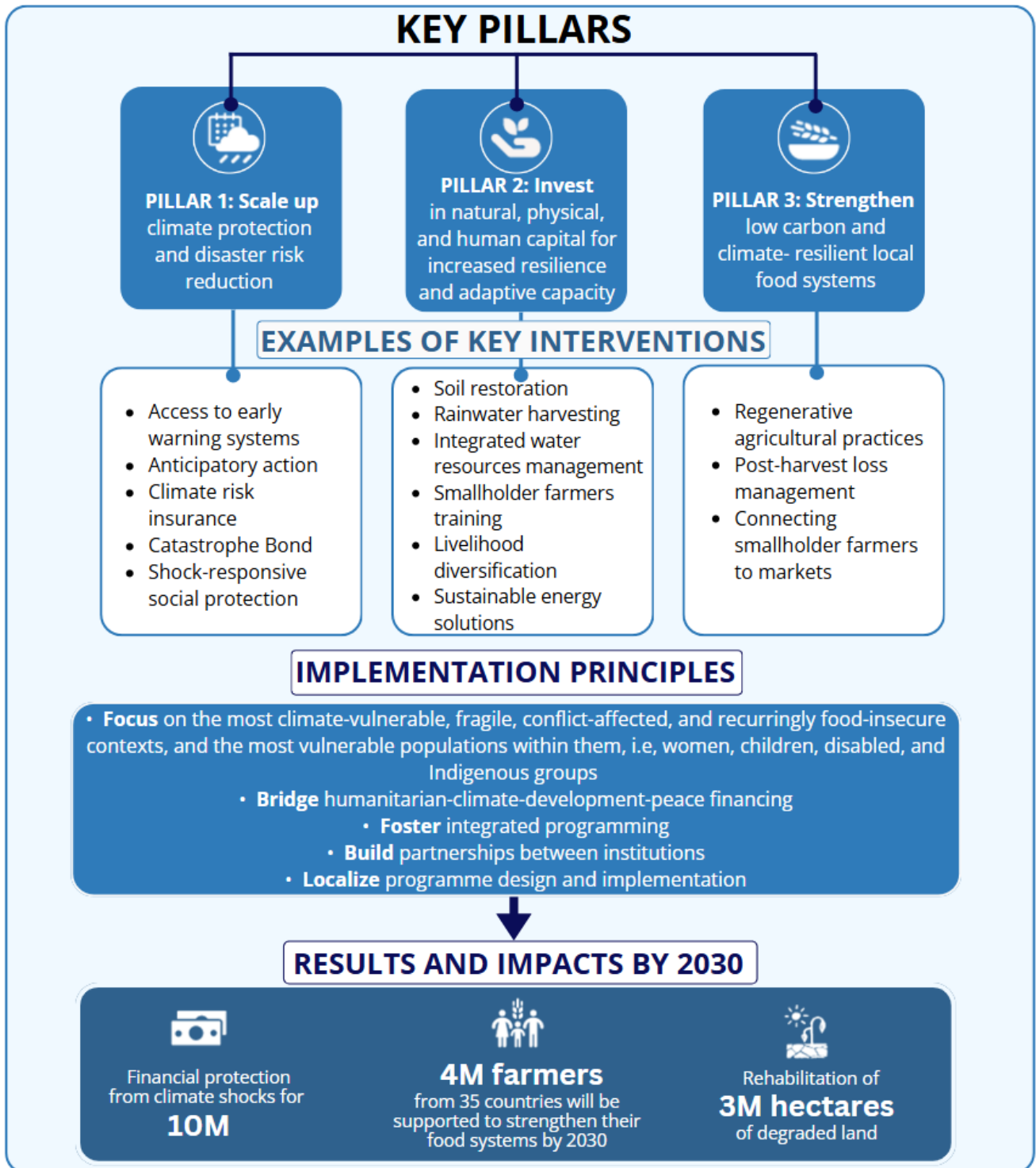
The scope of the Pipeline is expanding over time as several innovative programme design and financing arrangement solutions have been added in the latest November Edition. Additionally, as WFP aims to green its extensive supply chain and internal operations to reduce greenhouse gas (GHG) emissions and environmental impacts, the Pipeline now also incorporates proposals focused on these Greening WFP initiatives.

## Partnering with WFP for results

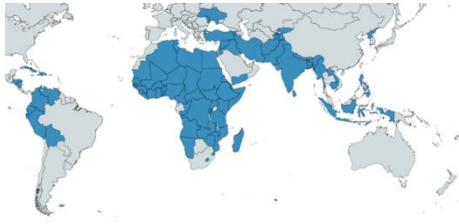
No country or institution can tackle the climate and hunger crisis alone. Partnership is at the heart of WFP's Climate and Resilience Investment Pipeline - key to unlocking solutions and resourcing for a future where climate risks are adequately managed and fragile landscapes are returned to their productive potential so sustainable food security can be achieved.

WFP invites government donors, International Financial Institutions (IFIs), multilateral climate funds, foundations, philanthropies, and corporations to join forces and contribute to sponsor these internationally climate finance-eligible and resilience building projects to stem the rising tide of climate-induced hunger.

# WFP's Climate and Resilience Investment Pipeline at a Glance



# WFP's Climate and Resilience Investment Pipeline



## Global

COVERAGE	COUNTRY	PROJECT TITLE	PROJECT STATUS
Global	40 countries by 2025	<b>Scaling up anticipatory action for food security</b> From reactive response to pro-active climate risk management.	Scale-up
Global	25 countries by 2025	<b>Climate financial protection - inclusive insurance and financial services</b> Supporting climate vulnerable households to manage climate risks and reduce vulnerabilities through financial protection.	Scale-up
Global	23 countries by 2025	<b>Climate financial protection - utilizing macro insurance</b> Utilizing macro insurance to build financial protection from climate shocks in conflict and fragile situations.	Scale-up
Global	13 countries by 2025	<b>Planet friendly cooking in schools</b> Transforming school meals with clean energy: A pathway to food security and sustainable development	Scale-up
Global	Sub-Saharan Africa	<b>WFP Food Security Catastrophe Bond</b> Climate Focus: Drought Risk	New
Global	13 countries	<b>Waste Management in Humanitarian Operations</b> Ensuring environmentally sustainable humanitarian operations that support the resilience of local communities.	Scale-up
Global	Global	<b>WFP Decarbonization Fund</b> Decarbonizing initiatives in WFP's operational premises around the world.	Scale-up
Global	Global	<b>Solarization of last-mile distribution</b>	New



## Asia and the Pacific

COVERAGE	COUNTRY	PROJECT TITLE	PROJECT STATUS
Regional	Fiji, Kiribati, and Tonga	<b>Developing effective and sustainable anticipatory action</b> Use shock-responsive social protection systems to develop effective and sustainable Anticipatory Action in the Pacific.	Scale-up
Regional	Fiji, Federated States of Micronesia, Kiribati, Marshall Islands, Palau, Samoa, Solomon Islands, Tuvalu	<b>Integrated climate risk management in the pacific</b> Supporting the disaster risk financing capacity of the Vulnerable Twenty (V20) countries in the Pacific.	New
Regional	South & South-East Asia (Bangladesh, Cambodia, Philippines, Pakistan, Pacific, Nepal, Lao PDR, Sri Lanka)	<b>Building Resilient Futures</b> Linking climate & disaster risk financing with people-centered approaches in Asia Pacific.	Scale-up
Country	Afghanistan	<b>Enhancing household and community food security and resilience</b> A comprehensive and integrated set of activities aimed at transforming communities by creating natural and infrastructural assets, rehabilitating the environment, and enhancing agricultural production.	Scale-up
Country	Myanmar	<b>Climate resilience and adaptation</b> Strengthening community awareness and adaptive capacity to manage climate risks effectively.	Scale-up



## Middle East, Northern Africa, and Eastern Europe

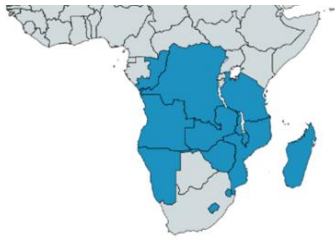
COVERAGE	COUNTRY	PROJECT TITLE	PROJECT STATUS
Country	Armenia	<b>Climate adaptive actions for improved food security</b> Revolving financing mechanisms for climate action and food security in Armenia.	New
Country	Iraq	<b>Protecting Iraq's forests for socio-economic development and food security</b>	Scale-up
		<b>Bolstering climate resilience</b> A community-led mangrove plantation initiative in Tidal Flats region of Basra	Scale-up
		<b>Enhancing agricultural sustainability in the water-food-energy nexus</b> Integrated interventions for climate resilience in Iraq	Scale-up
		<b>Ensuring Climate Security for Iraq's Stability (ECOSIS)</b> Strengthening adaptive capacity and climate resilience for peace, stability, and food security	Scale-up
		<b>Promoting climate resilient livelihoods for food insecure people in Southern Iraq</b>	Scale-up
Country	Jordan	<b>Inclusive Finance and Innovative Insurance for Climate Resilience</b> Building Agricultural Resilience for Smallholder Farmers and Pastoralists in Northern Jordan	New
Country	Lebanon	<b>Promoting Climate Resilient Livestock and Dairy Food System (CRLDFS)</b>	New
Country	Syrian Arab Republic	<b>Reforestation for recovery</b> Supporting the restoration and management of forests in Syria	Scale-up
		<b>Restoring agricultural irrigation and ecosystems to respond to changing climate conditions</b>	Scale-up
		<b>Increasing the climate-change resilience of communities</b>	Scale-up
Country	Ukraine	<b>Solar-powered resilience</b> Empowering women and internally displaced persons in Ukraine's food systems recovery.	New
Country	Yemen	<b>Strengthening resilience in the face of climate change</b>	Scale-up





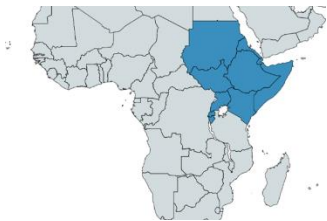
## Western Africa

COVERAGE	COUNTRY	PROJECT TITLE	PROJECT STATUS
Regional	Sahel (Burkina Faso, Chad, Mali, Mauritania, Niger)	<b>Improving the natural resource base and management</b> A regional approach for Integrated Resilience Programming in the Sahel.	Scale-up
Country	Burkina Faso	<b>Building resilience and restoring ecosystems in Burkina Faso</b> Addressing climate vulnerabilities and improving food security in conflict-affected regions.	Scale-up
Country	Cameroon	<b>Strengthening national capacities and systems on climate adaptation and management</b> Enhance national disaster risk reduction capacities and establish a sustainable, integrated climate change management framework.	Scale-up
Country	Chad	<b>Enhancing livelihoods and ecosystem services</b> Scaling up climate resilience efforts through asset creation activities.	Scale-up
Country	Central African Republic	<b>Building climate resilience and reducing environmental impacts</b> Boost national prevention capacities and shock responsiveness to implement the National Food Insecurity Crisis Preparedness Plan in the event of climate extremes.	Scale-up
Country	Guinea-Bissau	<b>ADAPTAFORTI</b> Strengthening food security and adaptive capacities of smallholder farmers through knowledge-driven adaptation on regenerative food production systems and ecosystem-based adaptation in Guinea-Bissau's coastal southern region.	New
		<b>Promoting climate-smart blue economy</b> Improve infrastructure and distribution networks to ensure that the benefits of the fisheries and aquaculture sector reach all.	Scale-up
Country	Mali	<b>Integrated Resilience, Ecosystems and Stability Initiative for Mali (IRESI-Mali)</b>	Scale-up
Country	Mauritania	<b>Adaptative and integrated approach for climate-resilient communities</b>	Scale-up
Country	Niger	<b>Revitalizing ecosystems and strengthening climate-smart food systems</b> for resilient and food secure communities in Niger	Scale-up
Country	São Tomé and Príncipe	<b>Strengthening climate resilience and food security</b> for rural communities in São Tomé and Príncipe	Scale-up



## Southern Africa

COVERAGE	COUNTRY	PROJECT TITLE	PROJECT STATUS
Regional	DRC, Malawi, Mozambique, Zambia, and Zimbabwe	<b>Achieving food and nutrition security</b> by promoting economic empowerment through circular bio-economy in Southern Africa region	Scale-up
Country	Mozambique	<b>Enhancing climate resilience of communities in the Urema River sub-basin</b> through ecosystem-based adaptation, integrated water resources management, and community-based conservation	Scale-up
Country	Tanzania	<b>Innovative e-cooking solutions for Tanzanian schools</b> Leveraging carbon revenues to co-fund the scaling of e-cooking in Tanzanian schools	Scale-up
Country	Zimbabwe	<b>Promoting climate-resilient and sustainable food security in Zimbabwe</b>	Scale-up



## Eastern Africa

COVERAGE	COUNTRY	PROJECT TITLE	PROJECT STATUS
Regional	Horn of Africa (Ethiopia, Somalia, South Sudan, Kenya)	<b>Climate-resilient food systems and ecosystems restoration</b> Building climate-resilient food systems and restoring ecosystems in arid and semi-arid areas in the Horn of Africa.	Scale-up
Regional	Ethiopia, Kenya, Somalia	<b>Beyond Borders: Integrated resilience solutions for climate and conflict-affected communities</b> A cross-border programme in Ethiopia, Kenya, and Somalia	New
Regional	Eastern Africa (Kenya, Uganda, Rwanda, South Sudan, Somalia, Ethiopia, Sudan, Burundi, Djibouti)	<b>IGNITE Innovation Hub</b> Catalysing capital and commercialising locally led climate action in Eastern Africa	Scale-up
Country	Burundi	<b>Conservation agriculture</b> A pathway to climate resilience for food insecure and vulnerable communities in the Bugesera Natural Region of Burundi.	Scale-up

COVERAGE	COUNTRY	PROJECT TITLE	PROJECT STATUS
Country	Kenya	<b>Changing Lives to Saving Lives: Transition towards climate-resilient and protected communities</b> among refugees and host populations in fragile Arid and Semi-Arid Land Counties (ASALs) of Kenya	Scale-up
Country	Somalia	<b>Activating Climate-Smart Agricultural livelihoods</b> Building resilience and promoting the economic empowerment in chronically food and nutrition-insecure communities in hazard-prone areas.	Scale-up
		<b>Enhancing nutrition and stepping up resilience and enterprise</b> Investing in climate-adaptable value chains and providing home-grown school meals.	Scale-up
Country	South Sudan	<b>Climate-resilient Land and Water Resources Management</b> Bringing a climate-resilient Integrated Approach to Land and Water Resources Management (ILWRM)	Scale-up
Country	Uganda	<b>Moving from relief to self-reliance in refugee settlements through climate-resilient livelihoods</b> Empowering communities to become self-reliant in harmony with nature to safeguard Uganda's rich social-ecological systems for future generations while contributing to Uganda's national development agenda.	Scale-up



## Latin America and the Caribbean

COVERAGE	COUNTRY	PROJECT TITLE	PROJECT STATUS
Regional	Caribbean multi-Country Office (Grenada, Saint Lucia, and Dominica)	<b>Building Climate Resilience, Response, &amp; Early Recovery in Caribbean SIDS</b> Addressing climate risks in Grenada, Dominica, and Saint Lucia through an integrated approach.	Scale-up
Country	Cuba	<b>Scaling, innovating, and integrating climate adaptation solutions for food security in Cuba</b>	Scale-up
Country	Dominican Republic	<b>Localization of Early Warning System and improved local response and community resilience</b>	Scale-up
Country	Guatemala	<b>Strengthening climate adaptation and resilience capacities</b> through enhanced and expanded disaster risk financing in Guatemala	Scale-up
		Building and strengthening <b>climate-resilient and inclusive food systems</b> along the Guatemalan extended Dry Corridor	New
Country	Haiti	<b>HAITIRISE</b> Enabling vulnerable communities to become more resilient and better adapt to climate change.	Scale-up
Country	Honduras	<b>Enhancing climate information services</b> in Honduras	Scale-up
		<b>Anticipatory action</b> to address climate impacts in Honduras	Scale-up
		<b>Microinsurance</b> for climate resilience in vulnerable communities	Scale-up
Country	Venezuela	<b>Strengthen the early warning systems and capacities</b> of the national and selected local institutions in Venezuela	New

For further information about the investment pipeline, please contact us at our dedicated email address: [wfp.climateinvestment.pipeline@wfp.org](mailto:wfp.climateinvestment.pipeline@wfp.org)

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