A person is shown from the waist down, walking through a flooded field. They are carrying two large bundles of rice seedlings, one in each hand. The seedlings are green and have long, thin roots that are dripping with water. The person's legs are wet and muddy. The background is a blurred view of the flooded field with more rice plants.

# Climate Resilient Food Systems Alliance

OVERVIEW OF THE INITIATIVE

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# Our vision

A world where food systems are **sustainable, inclusive and resilient**, where food systems actors, including governments, private sector, the UN, civil society, academia, finance and **all stakeholders come together** towards preserving ecosystems and resources **to ensure healthy and nutritious foods for present and future generations**, whilst neutralizing the negative impact of production, transformation and consumption emissions, soil degradation, water depletion and biodiversity loss.



# Our storyline

## WHY FOOD SYSTEMS & CLIMATE CHANGE?



Whilst extreme weather events impact food systems and communities, at the same time, food systems, their production cycles, underlying diets and consumption are responsible for negative effects on ecosystems and the environment.

**However, this does not have to be a downward spiral** - we can reverse the negative relationship between food systems and climate change and turn it into a positive and mutually beneficial one.

## ➤➤ WHAT NEEDS TO BE DONE? ➤➤ OUR CALLS TO ACTION



To feed 9 billion people on the planet by mid-century, global food systems will need to operate efficiently while achieving the SDGs and meeting the 1.5C climate commitments.

To preserve a livable climate, greenhouse-gas emissions must be reduced by half by 2030 and to net zero by 2050. Bold, fast, and wide-ranging action needs to be taken by governments and businesses.

The **CRFS Alliance advocates for integrated food and climate nexus approach around 3 key areas with 9 themes**



**Make food systems more resilient to climate change induced shocks and stressors** through access to climate finance, DRR and CRM approaches, early warning and climate risk insurance.

**Make food systems more resilient to man-made shocks and stressors** by addressing climate-food security- conflict interlinkages and building resilient local food systems

**Make food systems more sustainable** by mainstreaming regenerative agriculture, WEF nexus, preserving soil health and halting biodiversity loss.

# The CRFS Alliance advocates for a food and climate nexus approach articulated around 3 key areas:

1

Make food systems more resilient to **climate change induced shocks and stressors** by:



Facilitating access to climate finance



Investments in Climate Risk Management & Disaster Risk Reduction approaches



Early Warning & Climate Risk Insurance

2

Make food systems more resilient to **man-made shocks and stressors** by:



Addressing the interlinkages between Climate Change- Food Security & Conflict



Building Local Resilient Food Supply Chains

3

Make food systems more **sustainable** by:



Mainstreaming regenerative agriculture



Promoting soil and land health



Promoting Water – Food – Energy Approaches



Halting biodiversity loss



# What we will deliver

1



Understanding priority needs, actions on food systems & climate change including needs reflected in countries' NAPs & NDCs, SDG plans & Food Systems Pathways and aligning solutions through needs and capacity assessment

2



Case studies of four initial countries (Ethiopia, Fiji, Belize, The Gambia) to have practical examples on how to best integrate food & climate action in different contexts

3



A visual menu of options for countries to pick and choose solutions from

4



A connection network with an overview of all members and supporters of the Alliance

5



A data and analytics platform on food systems & climate change

6



A collection of possible climate finance sources & a quick overview of how to apply to each one

7



A desk support officer function to channel queries from countries to the best placed member within the alliance or provide guidance on the accessible knowledge

8



Strategic engagement on high-level events and summits, including a dedicated event at COP27 and other related global policy processes

9



Regular communication and information materials (CRFS Newsletter, CRFS powerpoint, CRFS Factsheet) to all audiences



# Breakdown of the CRFS Alliance



## Leadership Group (tentative list)

World Food Programme Innovation Accelerator | Humanitarian Development Peace (HDP) Nexus Coalition | Resilient Local Food Supply Chains Alliance | UNDRR Science and Technology Advisory Groups (STAG) | World Farmers' Organization | International Association of Students in Agriculture and Related Sciences (IAAS) | InsuResilience Global Partnership | Clim-EAT | Risk-informed Early Action Partnership (REAP) | African Union Commission | Water & Energy for Food (WE4F) Programme | Federal Ministry for Economic Cooperation and Development (BMZ) | International Rice Research Institute (IRRI) | International Maize and Wheat Improvement Center (CIMMYT) | The Global Alliance on Climate Smart Agriculture (GACSA) | The Global-Hub on Indigenous Peoples' Food Systems | SEKEM | World Business Council on Sustainable Development (WBCSD) | Private Sector Alliance for Disaster Resilient Societies (ARISE) | Good Food Hub | Bangladesh Rural Advance Committee (BRAC) and BRAC International | Global Network of Civil Society Organizations for Disaster Reduction (GNDR) | Green Climate Fund (GCF) | UN Foundation | AIM for Climate (AIM4C) | UN Capital Development Fund (UNCDF) | GSTIC



## Core Group

CGIAR, the Club of Rome, the Commonwealth Secretariat, the Food and Agriculture Organization of the United Nations, the International Centre for Climate Change and Development, the International Fund for Agricultural Development, the Sustainability Health Education Foundation, the UNFCCC, the United Nations Convention to Combat Desertification, the United Nations Environment Programme, the United Nations Office for Disaster Risk Reduction, the World Bank and the World Food Programme



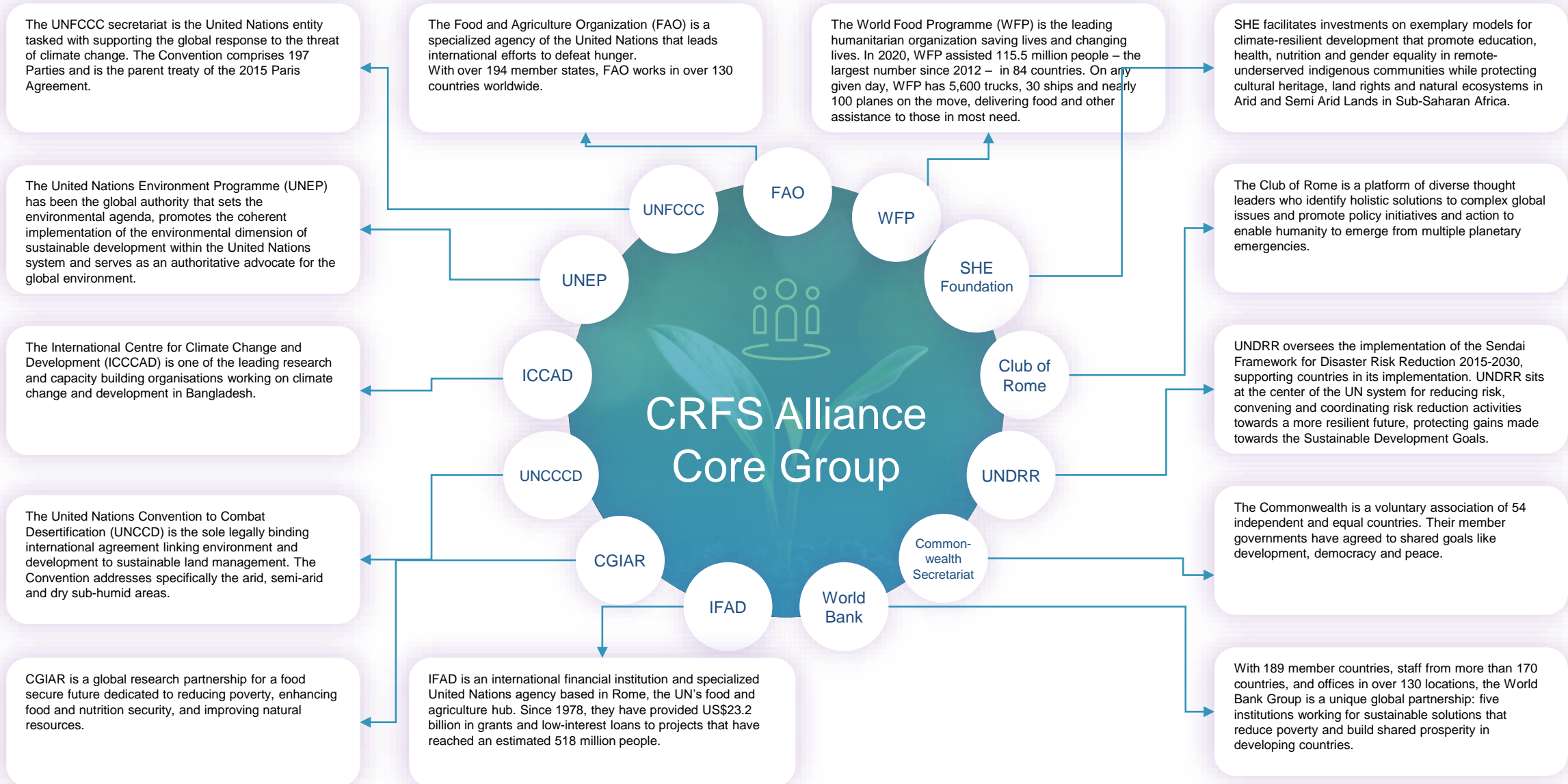
## Countries

Armenia, Belize, Ethiopia, Fiji, Germany, Libya, New Zealand, Panama, Pakistan, Republic of Moldova, State of Palestine, The Philippines, The Gambia, Uganda





# CRFS Core group: Comparative advantages



# Achieving Climate Resiliency in Food Systems







## Climate Risk Management and DRR

[Risk-informed Early Action Partnership](#)  
WFP-FAO

[Climate information services](#)  
WFP

[CommonSensing](#)  
Commonwealth Secretariat

[Anticipatory Action](#)  
WFP

[R4 Rural Resilience Initiative](#)  
WFP

[Comprehensive Disaster and Climate Risk Management](#) UNDRR

[Climate change risk assessments in value chain projects](#)  
IFAD

[InsuResilience Global Partnership](#)  
WFP- FAO

[DCAS](#)  
WFP/CGIAR

[Capacity for Disaster Reduction Initiative](#) [FAO-UNDP](#)

[Resilient City-Region Food Systems programme \(CRFS\)](#)  
FAO-RUAF



## Nexus Approaches

[Clean cooking and sustainable energy solutions](#)  
WFP

[HDP Nexus Coalition](#)  
WFP, G7+, FAO, WFP, SIPRI

[Nexus Gains](#)  
CGIAR

[Climate and Clean Air Nexus](#)  
UNEP-convened CCAC



## Land, crops, agricultural practices, soil

[Urban Agricultural Practices for Informal Settlements](#)  
ICCAD

[Pumpkin Against Poverty](#)  
ICCAD

[Land Degradation Neutrality](#)  
UNCCD

[Responsible land governance](#) UNCCD

[Sustainable Use of Soil Biodiversity](#)  
CBD

[Sustainable Rice Platform](#)  
UNEP

[FFA: Food Assistance for Assets](#)  
WFP

[Global Soil Partnership](#)  
FAO



## Ecosystems and Biodiversity

[UN Decade on Ecosystem Restoration \(Farmlands\)](#)  
UNEP/FAO



## Guidelines Frameworks Policies

[Integrative Framework for National Adaptation Plans and Sustainable Development Plans \(NAP-SDG iFrame\)](#)  
UNFCCC

[Adaptation Framework](#)  
IFAD

[Collaborative Framework for Sustainable Food Systems Transformation](#)  
UNEP

[TEEB Agrifood Evaluation Frameworks](#)  
UNEP

[Guidelines For Integrating Ecosystem-based Adaptation Into National Adaptation Plans](#)  
UNEP

[Ecosystem-based approaches to climate change adaptation](#)  
CBD



## Funding

[UNFCCC Financial Mechanism](#)  
UNFCCC

[Global Ecosystem based Adaptation Fund](#)  
UNEP

[Adaptation for Smallholder Agriculture Program](#)  
IFAD

[Payments for Ecosystem Services in Agri-ecosystems](#)  
UNEP



## Tools, technology, innovation

[Adaptation, Livelihoods and Ecosystem Planning Tool](#)  
UNEP

[Climate Adaptation in Rural Development – Assessment Tool](#)  
IFAD

[Resilience Frontiers](#)  
UNFCCC

[Drought Initiative and Toolbox](#)  
UNCCD

[Excellence in Agronomy](#)  
CGIAR

[Climate Innovation Challenge](#)  
WFP

[Investing in Climate Resilient Communities](#)  
SHE Foundation

[Scaling-up-agroecology-initiative](#)  
FAO



## Knowledge and Capacity Building

[Global Adaptation Network \(GAN\) & Regional Nodes](#)  
UNEP

[Capacity building on climate change adaptation for health, nutrition and gender equality.](#)  
SHE Foundation

[Nairobi Work Programme \(NWP\)](#)  
UNFCCC

[Social, Environmental and Climate Assessment Procedures](#)  
IFAD

[Toolkit to Enhance Access to Climate Finance: A Commonwealth Practical Guide](#)  
Commonwealth Secretariat

[Climate and Clean Air Coalition Agriculture Hub](#)  
UNEP-convened

[Managing climate risks through social protection programme](#)  
FAO

# Our strategy at COP27

## Dissemination of CRFS Alliance message in Global Leaders' Summit

- UN agencies which are part of the Core Group have been bilaterally consulted and requested to insert a point on the work of the CRFS Alliance when completing talking points for their respective executives.
- The CRFS Alliance Advocacy Framework will be shared and message is recommended for any fitting opportunity

## Dissemination of CRFS Alliance messages and awareness raising in High Level Side Events and in Pavilions

- CRFS Alliance will have dedicated sessions and speakers in the following pavilions:
  - EU
  - Water
  - FAO
  - d. Clim-EAT

## Dissemination of the CRFS Alliance key messages and advocacy framework to different audiences

The key messages and framework will be shared in advance of COP 27 with all Core Group, Leadership Group and Countries which have endorsed the alliance, maximizing opportunity for awareness raising and creating new synergies amongst stakeholders and partners.

## Communications

CRFS Alliance team will be liaising with UNFCCC Communications and other core group organizations to maximize visibility on events, including through social media, e.g. tweets, posts, etc.

## Linking up with new initiatives and launches at COP 27

CRFS Alliance will strive to link and synergize with other relevant initiatives being launched at COP 27, including the following:

- Launch of FAO Climate Change Strategy
- FAST
- AIM4C Ministerial Roundtable



## EXPECTED OUTCOMES

- Advocate for food systems being mentioned in the COP 27 global outcome document
- Hold a number of bilaterals with a different governments and stakeholders
- Strive to provide visibility for the work of both core group and leadership group members in addition to the work of countries
- Secure possible funding pledges to support the CRFS Alliance throughout 2023
- Establish linkages with new alliances, coalitions and initiatives, and reinforce ties with existing ones, string to become a connector amongst food and climate networks.



# Our engagements at COP27

- High-level events
- Participation & organization in other pavilions
- Resilience Frontiers

TIME (Cairo Time)	SUN NOV 6	FRI NOV 11 <i>Decarbonisation</i>	SAT NOV 12 <i>Adaptation, Agriculture &amp; Food Systems</i>	MON NOV 14 <i>Water &amp; Gender</i>	TUES NOV 15 <i>Energy &amp; ACE</i>	WED NOV 16 <i>Biodiversity</i>
11:30				Water pavilion/ CGIAR	CRFS event at EU Pavillion (11:30 – 12:30)	The Ethics of AI, Technological Intelligence & Beyond (Title, TBA)
13:15		Climate-resilient food systems and peace: exploring the interconnections (13:15 – 14:45)				
15:00		Climate Resilience in Food Systems: Why act now (15:00 – 16:30)				
15:30	Participation: Food Pavilion/ Clim-Eat					
18:00		Participation: Food Pavilion / FAO				