

# 104. THE RESILIENCE FRONTIERS MULTIAGENCY INITIATIVE COORDINATED BY UNFCCC

ACTION AREA	CLIMATE RESILIENT DEVELOPMENT PATHWAYS
SOLUTION CLUSTER	INTEGRATED NATIONAL AND INTERNATIONAL POLICIES AND PLANS
THEMATIC AREA	RESILIENCE FRONTIERS FOR LONG-TERM RESILIENT FOOD SYSTEMS
SUBMITTED BY	UNFCCC

## THE MAIN ACTION TO BE PROPOSED: WHAT IS IT?

The Resilience Frontiers initiative seeks to identify impactful and innovative actions that sow the seeds of transformative change that is needed to achieve long-term global resilience beyond 2030. It is currently at the start of its roadmapping phase which will apply a pioneering foresight methodology to identify a range of transformative actions. It proffers eight cross-cutting pathways that point people and planet towards resilient and desirable futures for all, while inspiring a paradigm shift by showcasing its growing ecosystem of bright light innovations, companies, organizations and projects impacting these pathways. While interconnected, one of the pathways under the initiative seeks to mainstream regenerative food production, and includes pioneering approaches such as [air protein](#); [innovative hydroponic projects](#); [mosa meat](#); [cell farm food tech](#); [farming for generations](#); and [good food institute](#).

## WHO WOULD IMPLEMENT IT?

The initiative spans partnerships from UN agencies (UNFCCC), international NGOs, research institutes and youth networks. Solutions would be implemented by all sectors.

## WHO WOULD FUND IT?

The Resilience Frontiers Project is currently partnered with several development banks including African Development Bank; Asian Development Bank; Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ); European Investment Bank; FinRes; Islamic Development Bank, and World Bank.

## HOW WOULD IT BE DONE?

The success of the Resilience Frontiers initiative is based on its ability to engage a variety of stakeholders among which are the private sector, technical experts, indigenous community leaders, youth and change makers who provide input and guidance for the direction, as evidenced through [the engagement of thought leaders and visionaries](#). The initiative brings together

pioneering innovations, companies, organizations and existing projects (*bright lights*) that carry the potential to accelerate people and the planet towards a transformed world that is resilient and can sustain desirable futures for all beyond 2030. These bright lights integrate elements of regeneration, no harm, durability, relevance, contribution to achieving sustained resilience and feasibility for implementation. Additionally, the bright lights respect the principles of inclusion, good governance, gender responsiveness, and inclusion of youth and indigenous communities as elements of focus in its activities driven by individuals and organizations. The ensuing prioritization process will be guided by three strategic advisory groups which include impact advisors, methodology advisors and frontier technology advisors.

The Resilience Frontiers initiative comprises a collective intelligence process (2019–2021) followed by an implementation phase from 2021–2030, and with solutions expanding beyond 2030.

#### WHO WILL BE THE BENEFICIARIES?

This solution, global in its scale and ambition to transform humanity's relationship with nature, will benefit all via environmental protection and a holistic approach to human wellbeing.

#### IN 2 LINES, DEFINING THE TITLE THAT WILL IDENTIFY THE SOLUTION

The Resilience Frontiers Multiagency Initiative Coordinated by the UNFCCC

#### WHICH ORGANIZATIONS/COUNTRIES/REGIONAL INSTITUTIONS/NETWORKS IS PROPOSING THE SOLUTION?

The UNFCCC, but the Resilience Frontiers is a solution with partnerships spanning all sectors including FAO, GCF, UNEP, Universities, development banks and more.

#### EXISTING ACTION THAT DESERVES TO BE SCALED UP (MASSIVELY), APPROACH OR NEW INNOVATION

Existing action that deserves to be scaled up and implemented.

#### MAIN OUTCOME EXPECTED IF SCALED UP OR IMPLEMENTED AS REQUESTED

The holistic Resilience Frontiers initiative has several outcomes including transforming humanity's interface with nature, equitable access to the benefits of technologies for human wellbeing, sustainable and participatory management of natural resources including water, optimised human health and the mainstreaming of regenerative food production.

#### HOW THIS SOLUTION IS STRENGTHENING RESILIENCE IN FOOD SYSTEMS?

This solution will directly strengthen resilience with its focus on regenerative food production practises and Indigenous values and the equitable use of a range of technologies with resilience benefits. Further, this solution will indirectly strengthen resilience by reducing environmental degradation and inequities.