

# The Fairtrade response to Climate breakdown

Dr. Oliver Moore (Centre for Co-Operative Studies UCC;  
[ARC2020.eu](http://ARC2020.eu))

# Climate Breakdown and Coffee

Rising temperatures **reduce** the global available area for coffee to be grown

Temperature rises and erratic weather patterns **weaken** plants and increase pest and disease threats (e.g. mycotoxigenic fungi, leaf rust)

Extreme weather events **destroy** production, infrastructure and lives

Lack of access to funds and supports, as well as poverty in general, **compound** these impacts.

So what is Fairtrade doing about it?

# What's Fairtrade doing about climate breakdown?

Standards

Premium

Trainings

Climate standard

*(photo © Sean Hawkey  
post-hurricane damage)*



# Fairtrade Standards and Premium

Standards - “about a third of the criteria of the Fairtrade Hired Labour Standard (v1.5) and a quarter of the criteria of the Fairtrade Standard for Small Producer Organisations (v1.5) are already environmental criteria, covering issues such pest management, pesticide use, soil management, water use, biodiversity and more. Many of these environmental components, of soil, water, pesticides and so on, were added as recently as **2019**”

3.2.6	New 2019 Raise awareness on hazardous materials risks	ORGANIZATION	
3.2.7	No pesticides application close to human activity	ORG & MEMBERS	
	No pesticides application close to human activity and water sources (if sprayed by air)	ORG & MEMBERS	
3.2.8		ORG & MEMBERS	
3.2.9	Minimize risks of central storage of hazardous materials	ORGANIZATION	2019
3.2.10	New 2019 Minimize risks of storage of hazardous materials	MEMBERS	
3.2.11	New 2019 Label all hazardous materials	MEMBERS	
3.2.12	Plan spray and prevent accidents and spills	MEMBERS	
3.2.13	No re use of hazardous materials containers to store or transport food or water	ORG & MEMBERS	2019
3.2.14	New 2019 Cleaning and storage of hazardous materials containers	ORG & MEMBERS	2019
3.2.15	Choice of pesticides	ORGANIZATION	2019
3.2.16	No use of materials on the Hazardous Materials List part 1 (Red List)	ORG & MEMBERS	2019
3.2.17	Materials in the Orange List are used only under conditions	ORG & MEMBERS	2019
3.2.18	Ensure members do not use materials on the Hazardous Materials List part 1 (Red List)	ORGANIZATION	
3.2.19	New 2019 Minimize use of herbicides	ORGANIZATION	
	<b>Soil and Water</b>		
3.2.20	New 2019 Identify land at risk of soil erosion	ORGANIZATION	
3.2.21	Train members where risks of soil erosion have been identified	ORGANIZATION	
3.2.22	Train members on appropriate use of fertilizers	ORGANIZATION	
3.2.23	New 2019 Implement measures to enhance soil fertility	MEMBERS	
3.2.24	New 2019 List sources of water for irrigation or processing	ORGANIZATION	
3.2.25	Inform yourself about the water sources in the area	ORGANIZATION	
3.2.26	New 2019 Train members on sustainable water use	ORGANIZATION	
	New 2019 Members follow practices that improve water resources management	ORGANIZATION	
3.2.27		ORGANIZATION	
3.2.28	Minimize negative impacts of waste water from central processing	ORGANIZATION	

# Climate Friendly Premium Investments

COOMPROCOM Nicaragua - **water wells** and tanks

Eakiet Vietnam - agroecological **pest** management training

KDCU Tanzania - organic **mulches**

Ankole Uganda - **resistant seedlings**

Permato Indonesia - context specific environmental **education and training**

COOCAFE Costa Rica - **reforestation** for **shade grown coffee**



# Climate Friendly Premium Investments - Diversification

Marlene Soriano **COAGRICAL** Honduras

“co-op members continue to suffer huge losses in coffee, from the coffee tree rust fungus, irregular rains, prolonged dry periods, all directly related to climate change.”

The farmers realised they needed to diversify to avoid depending only on coffee, with cocoa able to grow in many of the places coffee is most affected.

“Cocoa is more resistant to the changes in the climate, and the market prices are more stable. For our farmers, cocoa represents a more reliable future, and it’s better for the climate.”

Photo © Sean Hawkey Honduras diversification



# Climate Academy Work and Coffee

Kenya and Ethiopia climate adaptation trainings

Fairtrade developed a **Climate Guide** to support other Fairtrade coffee farmers to take inspiration and advice from each other about ways to keep growing through the climate crisis.

Introducing **new hardy plant varieties** resistant to drought, pruning, reforestation and soil management.

Twenty thousand households in Kenya and Ethiopia benefitting from **tree planting, irrigation, crop diversification and clean energy**

*(photo Judy Ruto Kenya and picking coffee cherries; photo Tessa Jol)*



# Climate Academy Work and Coffee

'We need it (Cows) for milk and manure for the biogas installation and for natural fertiliser.'

'Our next investment will be a cow. Through the Climate Academy we received a biogas installation. Now I don't need to cook in the **stench of smoke** that caused pain in my eyes and throat. I also don't need to stand **bent over** during cooking. I also feel a lot healthier.'

It's taking the pressure off the surrounding forests too, because **trees don't need to be cut down for firewood**.

*(photo biogas Salina Marindany at the Growing Women in Coffee Project Biogas Plant, Kenya (photo by Tessa Jol taken in 2019)*



# Climate Trainings CLAC

CLAC - 800 member organisations in 24 countries

Many [projects](#) including -

Leaf rust adaptation project [Bolivia](#) (2016-2019)

“69% of the participants were able to reduce the damage and loss in the arable land caused by the main coffee plagues.”



# Fairtrade Climate Standard

Fairtrade has developed a **climate standard** with multiple wins including carbon insetting. This climate standard is a way to support smallholders and rural communities to produce **Fairtrade Carbon Credits** and gain access to the carbon market.

Renewable energy, energy efficiency and forestry are the eligible areas; these include home or production inset interventions, such as more efficient, healthy and safe cooking stoves.

Producers reduce their ghg emissions and make these measurable reductions available as carbon credits for purchase to allow companies to invest in climate adaptation and credible emissions reductions targets

(Also includes end-buyer emissions reduction targets)



**Fairtrade Climate Standard**

# Fairtrade climate standard and coffee

Fair climate fund since 2015 working with Oromia coffee farmers cooperative union (OCFCU)

60

 **CO2 REDUCTION**

X thousand tonnes of CO2 reduced

12

 **COOKSTOVES**

X thousand more efficient cookstoves installed

37

 **WOOD**

X 1 million kilos wood (=75,000 trees) saved

