



The planet is on-track for 3 degrees of global-warming by 2100

We may soon reach climate tipping points. Let's instead focus on positive tipping points!

Planting trees will improve soil fertility, increase crop production & provide food & income

Planting trees is easy – we also need ways that provide many solutions simultaneously

Papua New Guinea has the 3rd largest rainforest in the world

Planting corals & coral restoration in Indonesia will provide an alternative livelihood to locals

Working with rural farmers on restoration has a huge potential for greenhouse gas reduction

Uganda has the most coffee farmers in the world (1.8M) - about 10M people are dependent on coffee

280 people died in Uganda since 2000 from landslides caused by deforestation & climate change

An alternative fuel source in Uganda is briquettes made from the waste of coffee husks

In one province of Argentina, 95% of the forest has been lost in less than 100 years

**Forests** **Forests**

Americans waste so much food because it is so cheap in the US

Crop Wild Relatives (CRWs) are plants found in the wild & genetically related

CRWs don't require assistance from humans

Crop Wild Relatives can withstand harsh conditions & easily adapt

CRWs have many applications: food, medicine & fuels

We must conserve Crop Wild Relatives for food security!

Wild crops can naturally thrive in difficult environments

Enhance crop resilience by encouraging crop diversity

Farmers often have traditional knowledge about how crops survive

150-200 billion tonnes of Carbon is stored in the biomass of the Amazon Rainforest

**Food** **Finance**

In Africa, food is lost at the farm due to poor preservation & transportation

Very little food that comes into an African is wasted, compared to a US home

The Kenya Forestry Services & a Kenyan bank have partnered to plant 7M trees & invest 130,000 USD

Only 5.6% of USAID's foreign assistance across sectors goes to local partners

Indigenous people are less than 5% of the world's population but protect 80% of global biodiversity

Past conservation attempts have removed Indigenous people from their lands

Indigenous people's methods are a direct solution to the climate crisis, & this needs to be realised & funded

We can utilise the diverse traits of CRWs to feed the world

Finger millet is a little-known, but resilient and extremely nutritious crop

90% of the deforested area in the Amazon is used for pastures, devastating the area

**GLF Climate Boardgame**

Changes are required from individuals to macro-policies at governments

To implement healthy sustainable diets, we could use (adjusted) traditional diets

A bank in Kenya is working to support Kenya's food security & sustainable agriculture

There are new rules to ensure anti-money-laundering applies to a wider range of nature crimes

We need to “green the financial system” to ensure that we “finance green”

“Green in finance” directs financial flows to ensure they do no harm to nature

Over 50% of all sustainable bonds are listed on the Luxembourg Green Exchange

Luxembourg & GLF are partnering on a Natural Finance Platform to foster investments in natural capital

The LEAF Initiative aims to lower emissions by accelerating forest financing

To achieve our enviro targets, we need to triple our investments in nature by 2030

The dry season in the Amazon is now 2-3 weeks longer than it was in the 1980s

**Food** **Finance**

We need to increase grain production by 60-70% by 2050 to meet demand

Every country in the world could make improvements in their diet quality

Expiration dates are totally driven by markets, not by health or fair distribution

Food waste, if it were a country, would be the 3rd emitter after China and the US

More than 800 million people will go to bed without food today

40% of food produced in the world is wasted

Climate change & biodiversity loss affect who has the resources to eat

Millions of people are suffering from food scarcity due to extreme weather

The most significant contributors to emissions in food are deforestation & agriculture

FAO & UNEP are mobilising a global movement to restore degraded ecosystems

Climate changes affects forests through more wildfires, pests, diseases, landslides

**Forests** **Finance**

At COP26, 12 billion USD was pledged in public funds towards ending deforestation

At COP26, 1.7 billion USD was pledged to Indigenous people to protect forests

If we lose the Amazon, limiting global warming to 1.5°C will be impossible

We are in biodiversity crisis – Wildlife has been declining for decades

80% of global deforestation is directly attributable to agriculture

Halting deforestation would reduce global emissions by 11%

At COP26, over 100 countries committed to ending deforestation by 2030

Start here

Finish here

GLF Climate Boardgame

GLF Climate Boardgame

# GLF Climate: Forests Food Finance

## A Boardgame

Play the following boardgame to learn some of the fascinating, terrifying and inspirational things that I learnt from GLF Climate: Forests Food Finance

**Play time:** Approx. 10 to 15 minutes  
1 to 4 players

**Aim:** Be the quickest player to learn the most about Forests, Food and Finance to protect our beautiful planet!

### **To play this game, You will Need:**

- The boardgame – see the attached PDF
- 6-sided die
- A counter or coin for each player – ensure each player can distinguish their own counter from all other players
- A scrap piece of (recycled!) paper and pen or a device to keep score

### **How to Play:**

1. Each player places their marker in the starting space in the top-left corner of the game.
2. The first player is the person who most recently attended an environmental seminar, such as GLF Climate. (If this is unknown, decide who will take the first turn randomly.)
3. The first player rolls the die and moves their marker the number of spaces shown on the die.
4. If the players lands on a space showing a Forest symbol (🌿), a Food symbol (🍎), or a Finance symbol (💰), they add the number indicated to their accumulated score. (All players of course start with a score of zero.)  
This indicates that the player added new knowledge (in either Forests, Food or Finance) to aid them in their fight for climate justice.
5. Play proceeds clockwise.
6. Don't forget to read the facts from GLF Climate as you make your way around the board!
7. The first player to reach the finishing space gains an additional 10 points for moving the most urgently and swiftly in their efforts to protect the environment.
8. The game ends when all players have reached the finishing space.
9. The winner is the player with the most accumulated points! Congratulations! You have been the fastest to act in the race to save our precious planet!