



UN Conference

The most sustainable food solution which is
is “good for you and our planet”.



The world is at a critical juncture in its response to climate change

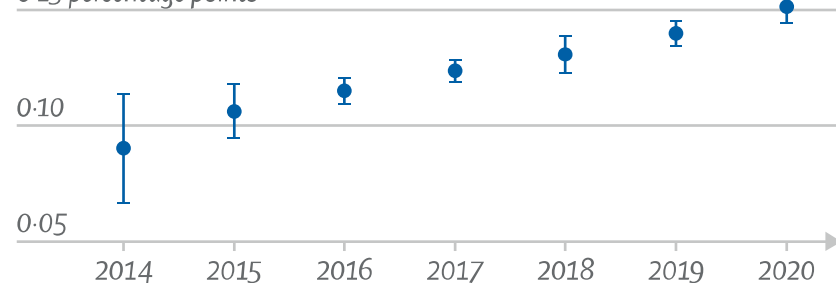
Worldwide, people are seeing their health increasingly affected by climate change amidst the compounding impacts of COVID-19 and the cost of living and energy crises



Food insecurity is being exacerbated by the increasing frequency of heatwaves

Year-on-year increases in the % of people reporting food insecurity because of heatwaves

0.15 percentage points

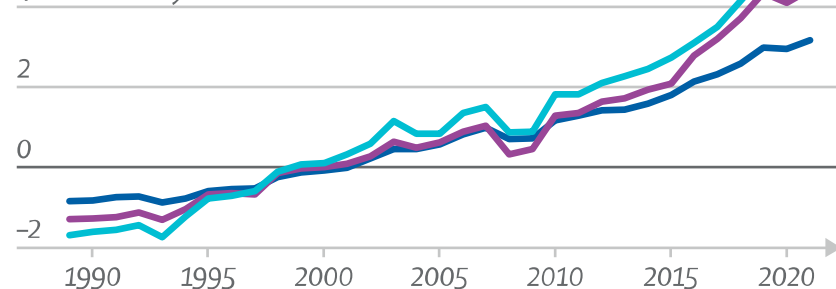


Vulnerable populations are facing increased exposure to extreme, life-threatening heat

Change in heatwave days compared with 1986–2005 baseline

Global mean Infants Older than 65 years¹

4 heatwave days

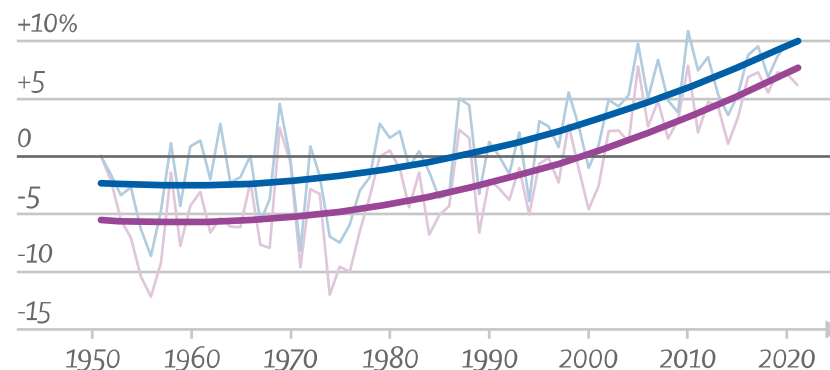


Climate suitability for the spread of infectious diseases such as dengue and malaria is rising

Change in reproduction rate (R_0) of dengue compared with 1950

Aegypti

Albopictus



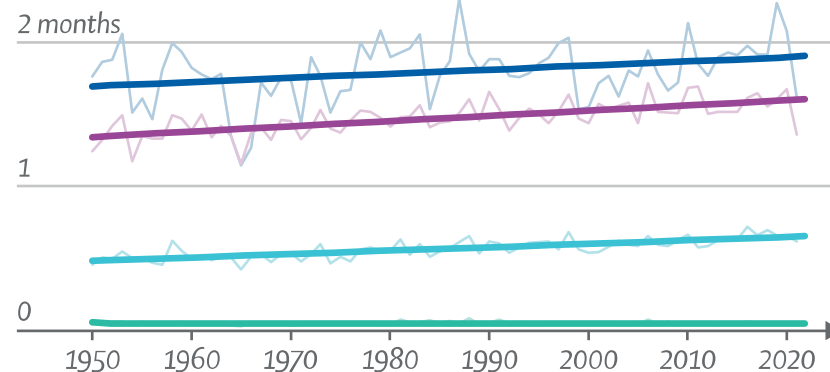
Average number of months suitable for malaria transmission in highlands ²

Low HDI




Medium HDI

High HDI

Very high HDI



Among the most sustainable alternative proteins, microalgae stands out

	 Water	 Arable land	 CO₂ emissions
1 kg chicken protein ¹	4,325 L	12.20 m ²	10.0 kg
1 kg beef protein ²	1,100 L	36.90 m ²	52.6 kg
1 kg fungi protein ³	500 L	2.00 m ²	6.15 kg
1 kg animal-cell protein ⁴	190 L	0.02 m ²	2.0 kg
1 kg soy protein ⁵	39 L	4.00 m ²	20.2 kg
1 kg insect protein ⁶	10 L	6.35 m ²	2.1 kg
1 kg Alver protein⁷	16.6 L	0.10 m²	1.3 kg

CO₂-efficient solution

Water-saving production process

Compact production

Vegan protein

1. The Guardian, our world in data
 2. Ecoinvent V3.5, Solvay internal database
 3. National center for Biotechnology Information
 4. Journal of Agriculture and Food Research, Frontiers, Interesting engineering

5. LCA Soy Protein Isolate, Berardy at ISST
 6. Bryan Garnier, Insect Gourmet
 7. Ecoinvent V3.5, Solvay internal database

Rich Composition of Diamond Chlorella



+35%
Protein

++ MUFA

++ Vitamin E

++ Iron

+ Vitamin B1

+ Zinc

+ Vitamin B2

++ Folate

++ Vitamin B3

++ Magnesium

+ Vitamin C

++ Potassium

++ Calcium



++ High in

+ Source of



Diamond Chlorella:

- **Boosts your immune system**
- **Supports bone health**
- **Helps improve basic body functions such as blood circulation or hormone release**
- **Gentle body cleanse/detox**
- **Help reduce blood pressure**



Not only in its colour, but Diamond Chlorella also serves as a very efficient dairy alternative due to its high contents in zinc, calcium, and magnesium. These aspects are known to improve your health through bone strength, mood, immunity, blood sugar regulation, and sleep quality.



Soy drink in the market...

Soy drink enriched with Diamond Chlorella



Alternative Chicken and Fish applications...

Alternative dairy applications...





palatable algae products are not strange!



Superfood with macro- and micronutrients



High in fiber, zinc, magnesium, calcium, potassium, omegas, Vitamins B & E



100% natural and vegan



Naturally high in protein
30 - 50%



Full of carotenoids giving
it's golden colour



Gluten-free, lactose-free,
Non-GMO



High protein pasta has
21% protein,
The same as meat!

And many new products are in the pipeline



Thanks for your kind attention!

Let's make the planet a better place to live
for all of us!

For further information please keep in touch:

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