

BRAZIL'S OVERVIEW AND PERSPECTIVE ON COPs

Climate Change and Environmental Determinants on Diseases

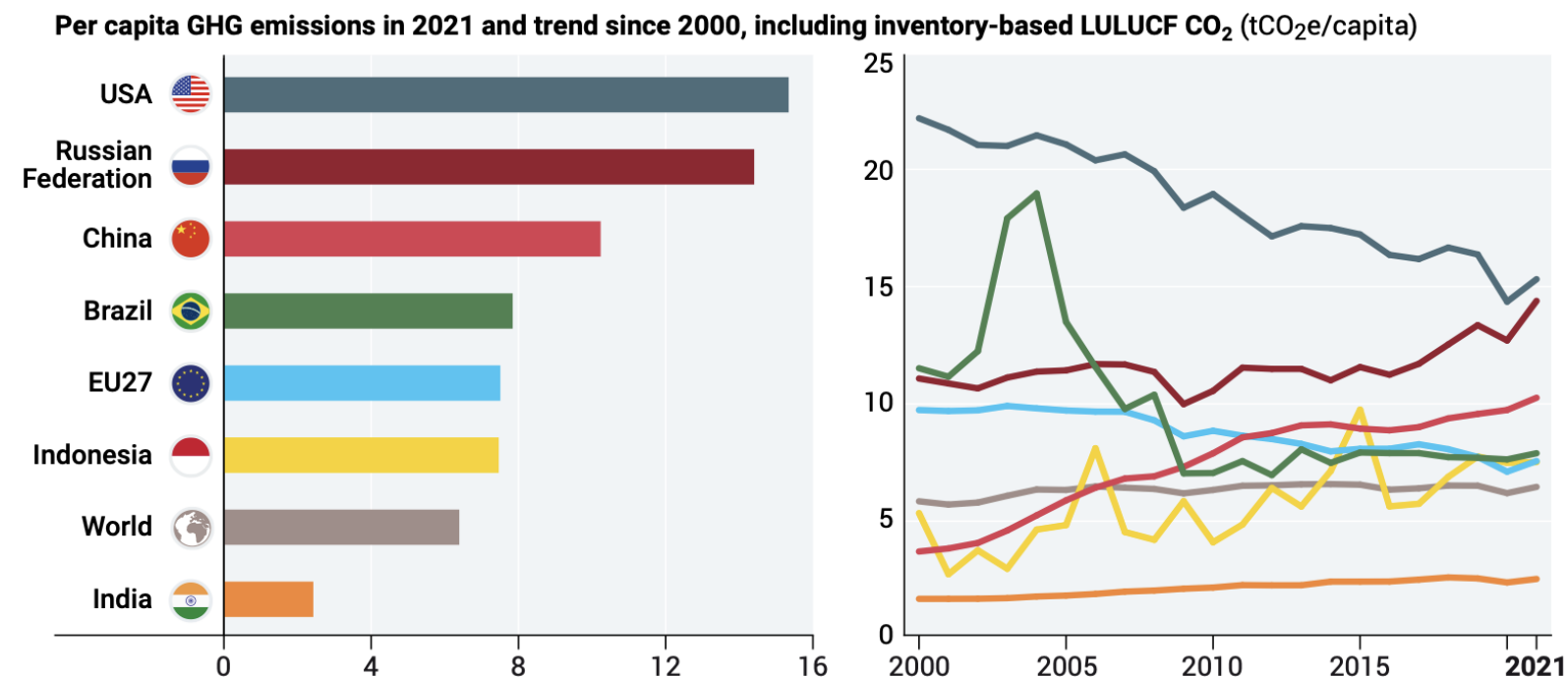
Guilherme Franco Netto

April 10, 2025

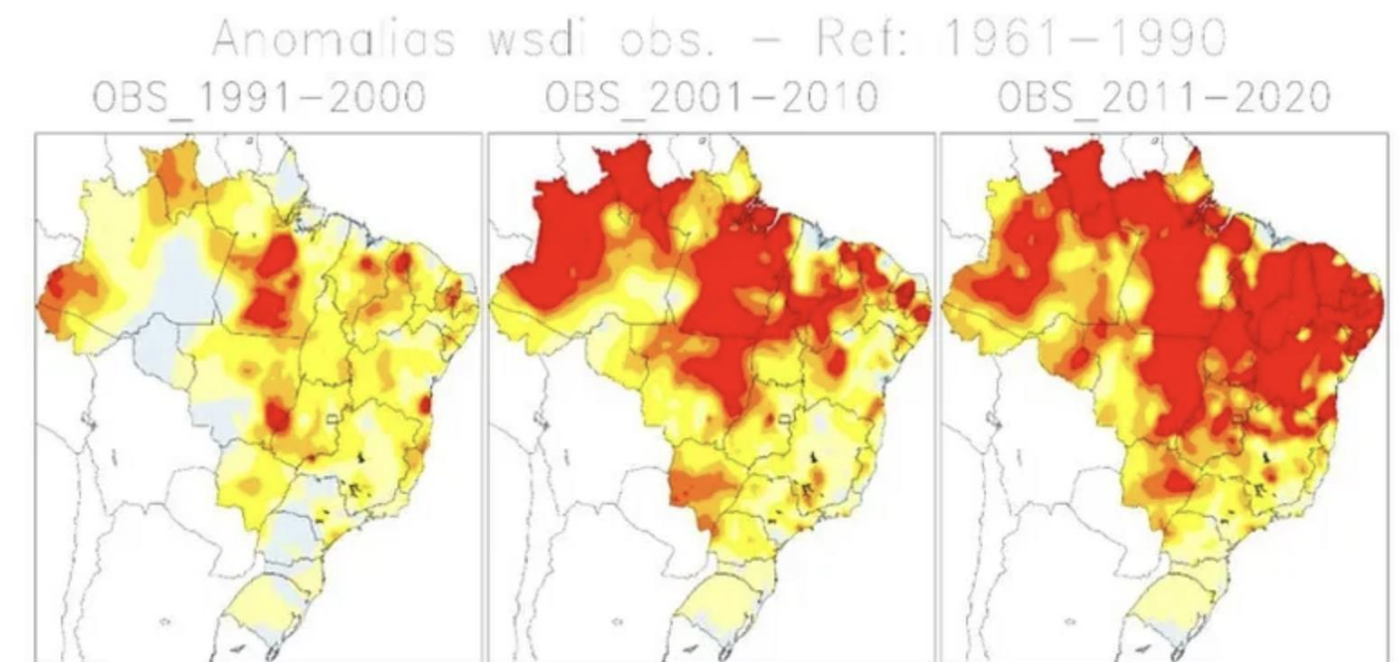
Brazil's Perspective on Climate Change

In terms of total greenhouse gas emissions, Brazil is the seventh largest emitter.

In terms of per capita emissions, Brazil is the fourth largest emitter.



The number of heat waves in the country has increased more than four times in the last 30 Years.



NATIONAL GEOGRAPHIC

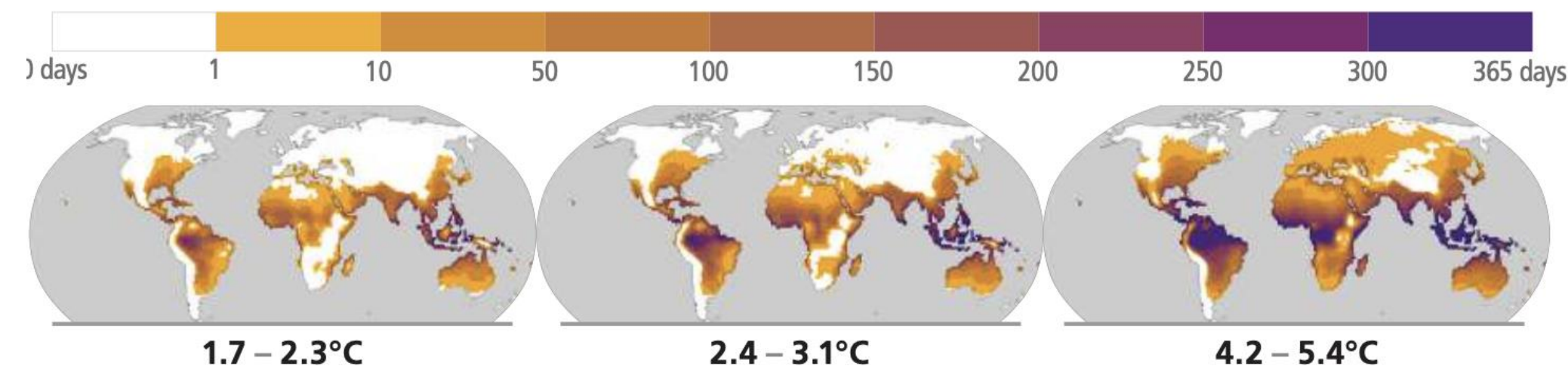


O mapa presente no estudo do Inpe mostra o avanço das temperaturas nos últimos 60 anos no Brasil e chama a atenção, em especial, para regiões do Centro-Oeste, do Norte e Nordeste do país.

<https://www.nationalgeographicbrasil.com/meio-ambiente/2024/09/mais-seca-e-altas-temperaturas-estudo-comprova-que-numero-de-ondas-de-calor-e-dias-sem-chuva-aumentaram-no-brasil>

Impact on Health

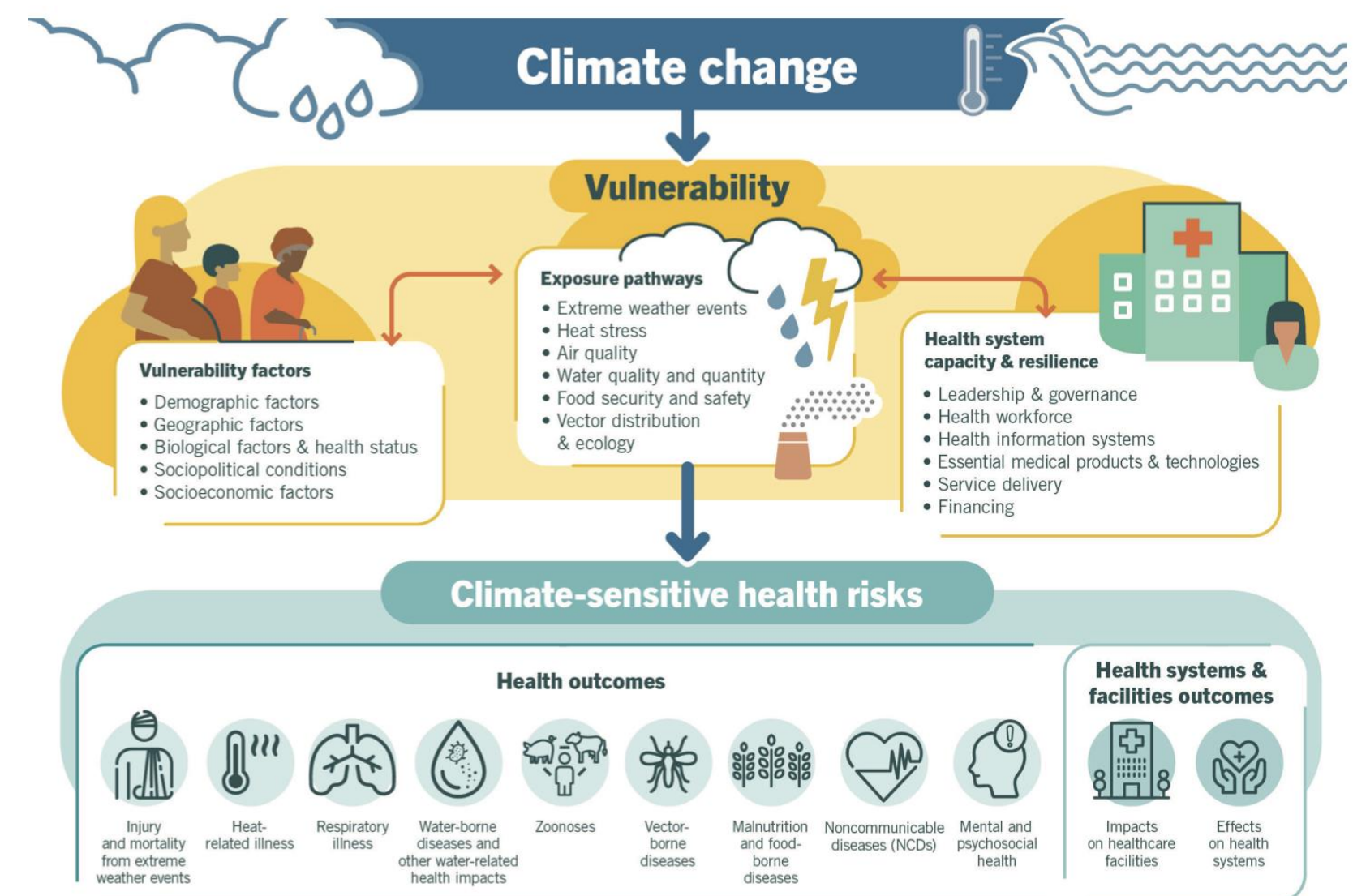
Days per year where the combination of temperature and humidity conditions poses a mortality risk.



³Projected regional impacts utilize a global threshold beyond which daily mean surface air temperature and relative humidity may induce hyperthermia that poses a risk of mortality. The duration and intensity of heatwaves are not presented here. Heat-related health outcomes vary by location and are highly moderated by socio-economic, occupational and other non-climatic determinants of individual health and socio-economic vulnerability. The threshold used in these maps is based on a single study that synthesized data from 783 cases to determine the relationship between heat-humidity conditions and mortality drawn largely from observations in temperate climates.

World Health Organization. (2021). Climate change and health: vulnerability and adaptation assessment. World Health Organization. <https://iris.who.int/handle/10665/345968>.

Figure 2. Major health risks associated with climate change

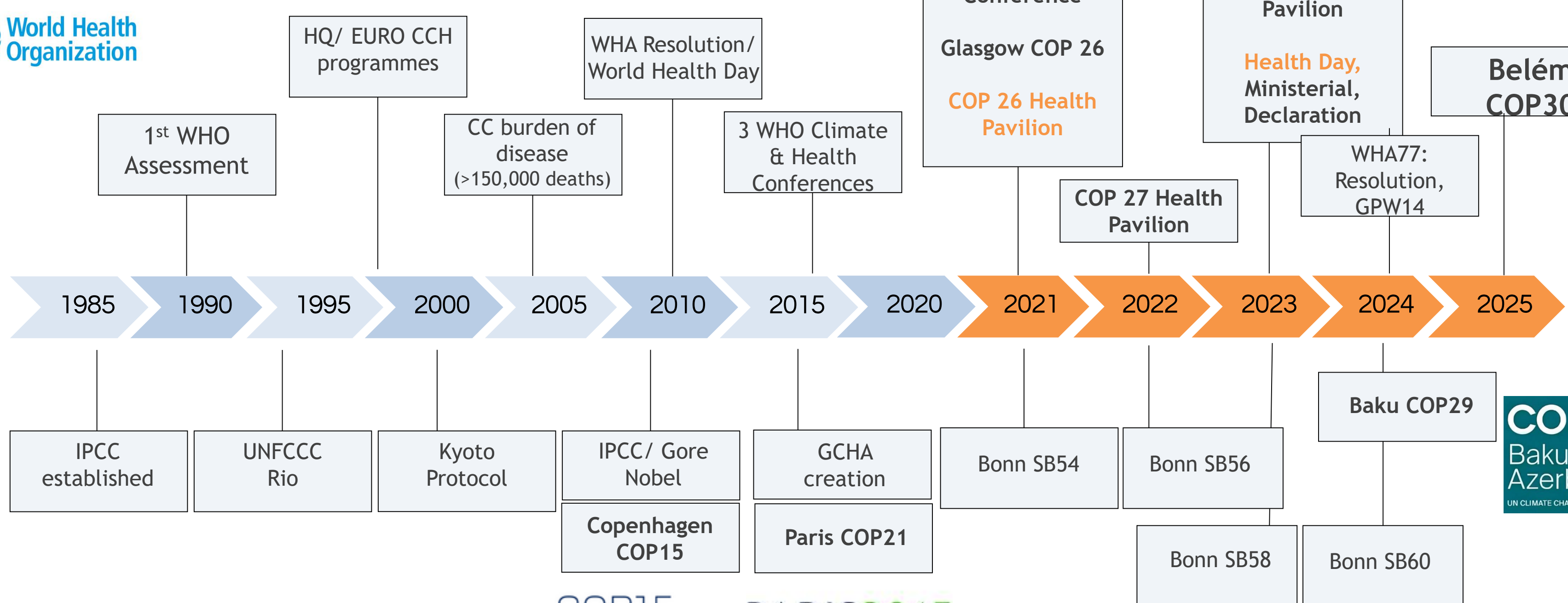


Source: Quality criteria for health national adaptation plans. Geneva: World Health Organization; 2021.

A brief history of WHO engagement on climate change and health

Global Conference on Health and Climate Change

Climate Action for Health, Health Action for Climate



Fiocruz Strategic Actions

IMPLEMENTATION OF THE CLIMATE
AND HEALTH WORKING GROUP

DEVELOPMENT OF THE FIOCRUZ
ACTION PLAN

CONTRIBUTION TO THE CLIMATE PLAN
(MMA) AND THE MINISTRY OF
HEALTH'S SECTORAL PLAN

5TH SEMINAR ON HEALTH, ENVIRONMENT
AND SUSTAINABILITY FOCUSED ON COP30

DESIGN AND IMPLEMENTATION OF THE
SYNTHESIS CENTER ON CLIMATE
CHANGE, POLLUTION AND
BIODIVERSITY



FIOCRUZ STRATEGY FOR CLIMATE
AND HEALTH





Fiocruz Strategy for Climate and Health



“Fiocruz has a very distinct position and has been called upon in the global effort to prepare for new health emergencies where climate is a decisive factor. [...] It has assumed responsibility and centrality and needs to be prepared beyond the tradition of research, teaching and scientific production with a coordination effort.

The Fiocruz Strategy for Climate and Health brings this coordinated action effort not only at Fiocruz, but also with other science and technology institutions, with Brazilian health authorities, and with its international cooperation in a topic that is already dear to the institution, which is already part of its tradition.”

Mário Moreira, 2024. Seminário Saúde e Clima.

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