

# CDP STATES AND REGIONS: SUMMARY REPORT 2023

Global insights from states and regions 2023 disclosure.







## Overview

CDP is a global non-profit that runs the world's environmental disclosure system for investors, companies, cities, states, and regions to assess their impact and take urgent action to build a truly sustainable economy. Over 24,000 organizations around the world disclosed data through CDP in 2023, including more than 23,000 companies and over 1,200 cities, states, and regions.

States and regions play a key role in leading and influencing change towards a net zero and nature positive world. In 2023, 109 states and regional governments representing 547 million people disclosed their climate and nature data through CDP, and were part of the transition to a sustainable world. CDP's States and Regions program provides a global platform for subnational governments to disclose environmental information over 3 main themes, climate adaptation, climate mitigation, and sustainable forests.

The States and Regions Summary Report provides insights on climate and the state of sustainable forests disclosure from 2023 including: hazards and risks facing states and regions; targets, plans and financing; adaptation and mitigation actions; and sustainable forests. It illustrates the benefits of reporting and how CDP's data on states and regions plays a pivotal role in shaping both global and regional reports. 2023 was an unprecedented year for climate disasters. While states and regions are setting increasingly ambitious emissions reduction targets, there are challenges with disclosure, particularly on setting forest risk and vulnerability assessments.

# In 2023...



**109**

states and regions reported their environmental data through CDP



representing

**547** million people



from

**24** countries



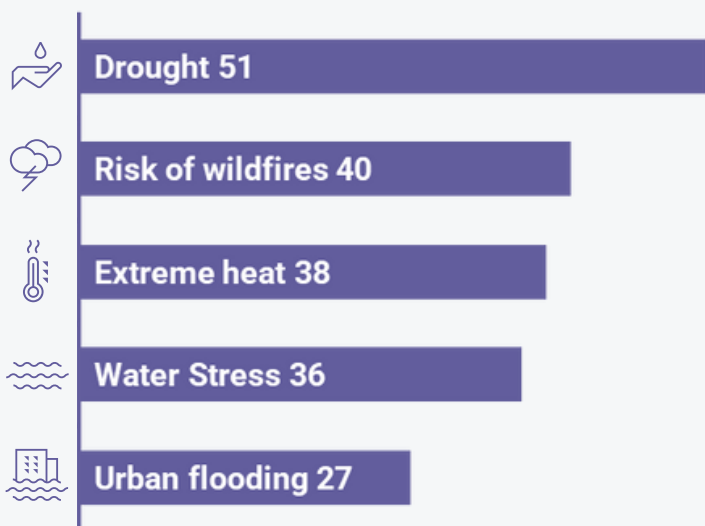


of states and regions are facing significant climate hazards, up 8% from 2022



Have a climate risk and vulnerability assessment

## Top 5 reported climate hazards

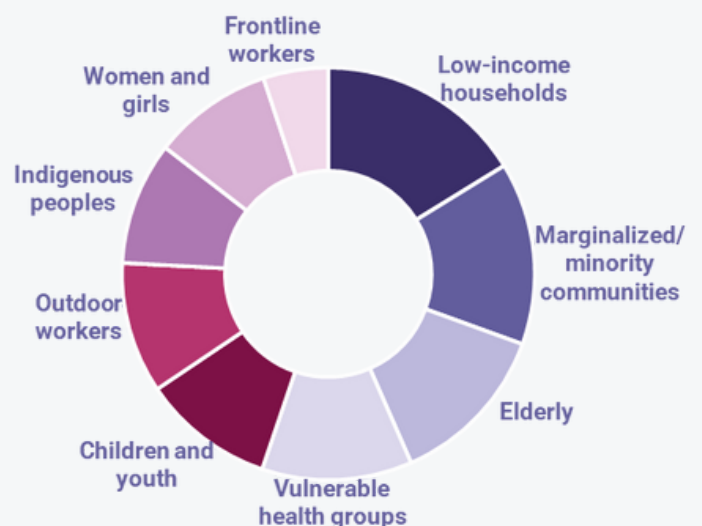


# of S&R that reported the climate hazard

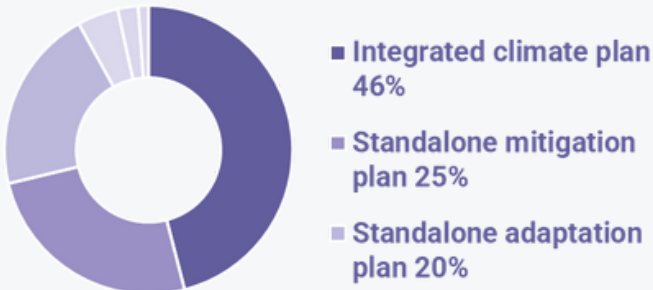
Across the globe, jurisdictions are increasingly facing the devastating effects of climate change. 430 hazards were reported in total, with extreme heat and water stress-related events being the most prominent. Among these hazards, droughts, wildfires, and urban flooding were the most frequently reported.

Due to social, economic, cultural, political and institutional reasons, marginalized groups are especially vulnerable to climate change. Data from 2023 shows that **all vulnerable groups and populations are affected by climate hazards.**

## Distribution of vulnerable groups to climate hazards



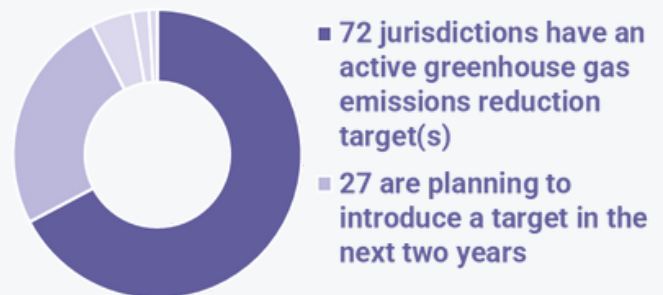




**70% of jurisdictions have a climate action plan or strategy that address adaptation, mitigation or energy.** Of these, 46% are integrated climate action plans, while 25% and 20% are standalone mitigation or action plans respectively.

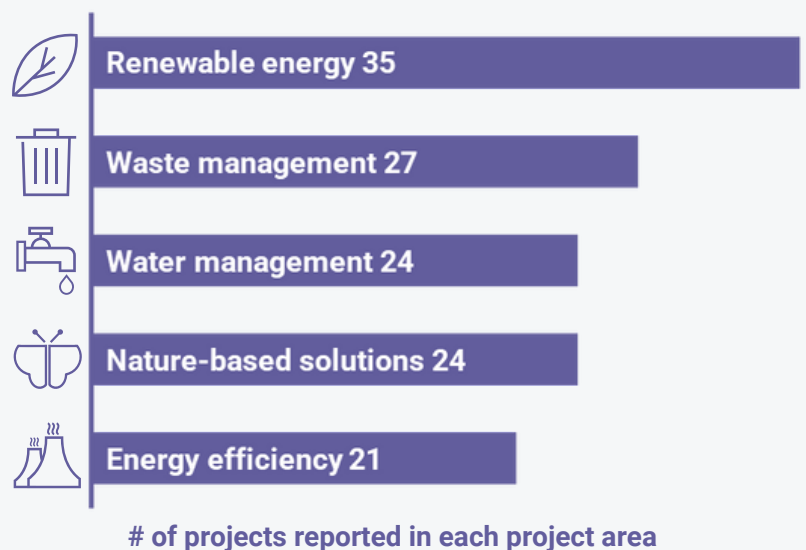
## The number of states and regions setting ambitious targets is increasing.

In 2023, 66% of jurisdictions reported having a greenhouse gas emission reduction target - a 6% increase from 2022. The percentage of reported targets varies across regions, with North America and Europe leading at 100% and 87% setting GHG emissions targets respectively, followed by Asia Pacific (71%) and Latin America (53%), while Africa reported the lowest percentage at (33%).



**257** climate-related projects seeking finance were reported by 73 states and regions globally.

## Top 5 project areas in need of financing

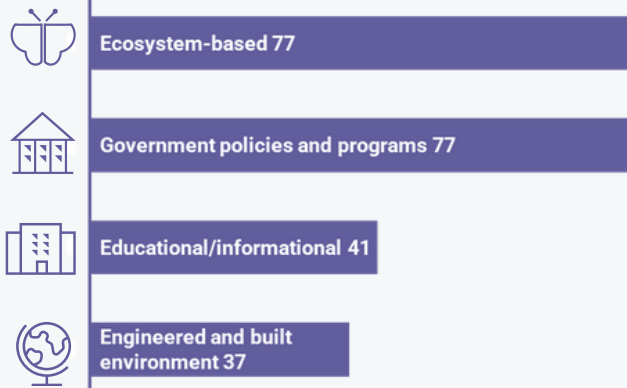


# Adaptation and mitigation actions

## 354

Adaptation actions were reported globally.

The top area of adaptation actions reported

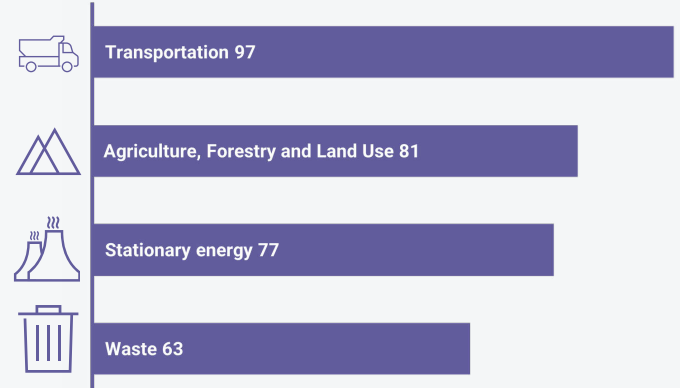


# of adaptation actions reported in each project area

## 439

Mitigation actions were reported globally.

The top sectors addressed by mitigation actions.



# of mitigation actions reported in each sector



**The South Australian Government** has a holistic water planning, licensing, and management system. It has developed several policies to diversify water supplies to include desalinated water, recycled water and capture and reuse storm water, and is adopting guidelines for efficient water use and smart watering practices.



**The state of Goiás, in Brazil,** is promoting the recovery of degraded pastures by encouraging an integrated crop-livestock-forestry system and agroforestry. Training actions related to the programs in Goiás have been carried out mainly through events promoted in partnership with research institutes.



**British Columbia, Canada,** is updating its' building codes to ensure new constructions can use zero and low carbon fuels, aiming for zero-carbon readiness by 2030. Post-2030, all new heating equipment sold and installed must be at least 100% efficient, including electric resistance and hybrid electric heat pump-gas systems.



**The Mexican State of Campeche's** reforestation program contributes to the conservation, restoration and increase of the forest cover of the State. It facilitates the production, maintenance, and delivery of plants to people interested in conservation to plant on average 25,000 trees annually.

## The top 3 co-benefits associated with mitigation actions include



**Job creation**



**Business/ technological innovation**



**Reduced costs**



81% of states and regions reported that deforestation is a major issue in their region



82% Have deforestation, forest degradation and/or forest restoration policies



64% Have a forest monitoring system in place



45% Reported that they have a full or partial risk or vulnerability assessment on deforestation/forest degradation



89% Reported that managing forests sustainably provides opportunities for their region



- Participate in landscape/jurisdictional approaches 25%
- Planning to participate in landscape/jurisdictional approaches 26%

## Landscape/Jurisdictional Approaches

25% of jurisdictions have or support on LA/JA initiatives. These are integral place-based sustainable management strategies defined at the landscape/jurisdictional level, requiring multiple stakeholders to align and implement collective land-use plans, policies, initiatives, long-term investments, and other interventions to reach multiple nature goals.

## Top 5 reported opportunities associated with sustainable forest management

- Climate change mitigation
- Other ecosystem services from forests realized
- Development of recreation and tourism industry
- Increasing resilience to climate change impacts and other disasters
- Continued access to forest products

In the USA, the State of California created the Conservation Corps. This operates several conservation programs across the state that employ young people. This program helps them gain skills and experience for future conservation-related careers while enhancing ecosystem health and recreation opportunities in forests.

In 2022, Seridó Park in the Brazilian State of Rio Grande do Norte was recognized as a UNESCO Geopark for its geological and biological diversity. The region is promoting sustainable tourism and investing in infrastructure for the development of tourist activities. Tourism is one of the main economic activities in the state, in which the sector is responsible for 11.4% of state GDP.

# Value of reporting

The one stop shop for reporting to, and participating in, global environmental initiatives.

CDP is the global environmental reporting platform for the [RegionsAdapt Initiative](#), the [Under2 Coalition](#), the [UN's Race to Resilience](#) and [Race to Zero campaigns](#). Reporting informs all of these initiatives on the progress of states and regions' commitments towards net zero, building resilience, and adapting to the impacts of climate change. Through disclosure, states and regions can signal their environmental leadership, while also gaining capacity-building opportunities and access to a network of enablers and supporters.

Director, Resilience Sustainable Solutions Ltd, Cardiff, Wales



## More benefits

Access actionable insights and knowledge-sharing



CDP facilitates the exchange of best practices between states, regions, cities, investors and companies, through regional and global events, case studies and reports. All states and regions data is shared on the [Open Data Portal](#). This is a valuable resource where you can view the actions of other cities, states and regions.

Identify gaps and opportunities



The reporting process can identify potential gaps and opportunities within your government's climate and nature strategies, helping you build a baseline of your current conditions and the areas to pursue for further improvement.

Align with financial best practice



CDP's questionnaire is aligned with the global standard of the [Task Force on Climate-related Financial Disclosures \(TCFD\)](#), showcasing your state or region's leadership in climate-related risk planning and strengthening opportunities to engage with investors and the private sector.

Demonstrate transparency and accountability



By publicly reporting your environmental data, you can monitor your progress, display your commitment to tackling the climate crisis, identify opportunities to become a competitive area for economic development and attract finance and investment.

Showcase ambition



Present your plans, targets and progress through CDP's reports and data partners. Public data is used by the [UNFCCC Global Climate Action Portal \(GCAP\)](#), which recognizes climate actions and commitments undertaken by actors from around the globe.



# States and regions data in action: examples of uses

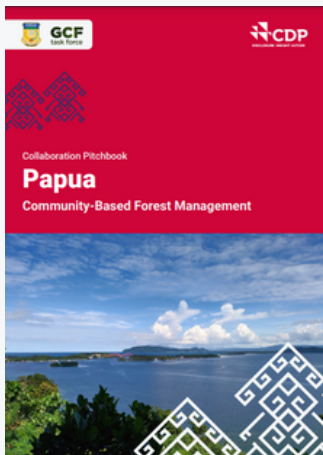


## [UN Global Climate Action Portal \(GCAP\)](#)

The [Global Climate Action Portal](#) is an online platform where actors from around the globe - countries, regions, cities, companies, investors and other organizations - can display their commitments to act on climate change.

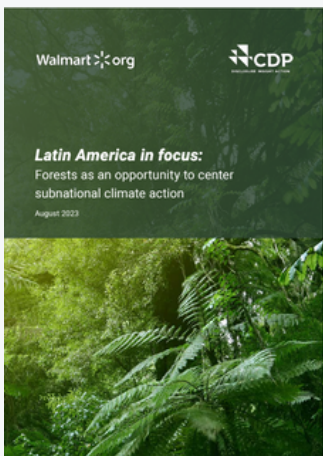
## [UNFCCC Race to Zero Progress Report 2023](#)

Race to Zero showcased global progress with the release of its 2023 Progress Report. The campaign rallies over 13,500 non-state actors from more than 146 countries to step up their ambition, put plans in place and scale up action. It showcases the actors racing together to make a resilient, zero carbon world a reality.



## [GCF-TF: Collaboration pitchbooks with CDP](#)

In order to advance the climate and nature agenda, private and public collaboration at scale is needed. The Jurisdictional Collaboration pitchbooks are a collaborative effort of 7 provincial governments in Indonesia, the Governors' Climate and Forests Task Force (GCF-TF) and CDP. They present a set of targets and initiatives that are key to advancing the jurisdictions' climate and nature strategies, and aim to support local sustainable livelihoods, biodiversity, climate change, and sustainable landscapes/seascapes.



## [CDP: Latin America in focus](#)

Based on their reporting in the Forest Module of CDP's States and Regions Questionnaire in 2022, the report presents the drivers of deforestation highlighted by 55 states in Latin America, as well as the policies, mechanisms and actions to reduce deforestation and forest degradation.

## [CDP: Accelerating the Adoption of Landscape and Jurisdictional Approaches](#)

This policy brief draws attention to the challenges of the international, national, and sub-national policy environments to unlock the benefits of LA/JA. A specific focus is placed on regional case studies from Brazil and Indonesia, the two nations with the highest number of LA/JA initiatives disclosed through CDP.



## [CDP: States and Regions Case Studies](#)

Explore our states and regions [case studies](#) to see how sub-national regions across the world are taking action and paving the way for a low-carbon, water secure and deforestation-free future.

# Thank you to the States and Regions that reported through CDP in 2023



## Latin America

### Brazil

Acre  
Alagoas  
Amapa  
Amazonas  
Bahia  
Ceara  
Distrito Federal  
Espirito Santo  
Goias  
Maranhão  
Mato Grosso  
Mato Grosso do Sul  
Minas Gerais  
Para  
Paraíba  
Parana  
Pernambuco  
Piauí  
Rio de Janeiro  
Rio Grande do Norte  
Rio Grande do Sul  
Rondonia  
Santa Catarina  
Sao Paulo State  
Sergipe  
Tocantins

### Columbia

Antioquia  
Boyacá  
Caquetá  
Cundinamarca

### Ecuador

Pastaza

### Mexico

Agascalientes  
Baja California Norte  
Baja California Sur  
Campeche  
Chiapas  
Chihuahua  
Coahuila

Colima  
Estado de Mexico  
Mexico City  
Guanajuato  
Guerrero  
Hidalgo  
Jalisco  
Morelos  
Nayarit  
Nuevo León  
Queretaro  
Sinaloa  
Sonora  
Tabasco  
Tlaxcala  
Veracruz  
Yucatan

## Africa

### Burkina Faso

Hauts-Bassins

### Kenya

Nyandarua County

### Morocco

Chefchaouen

### Nigeria

Cross River State

### South Africa

KwaZulu-Natal

Western Cape

## Europe

### Finland

Region of North Karelia

Region of Pirkanmaa

### France

Auvergne-Rhône-Alpes

### Germany

Baden-Württemberg

### Italy

Lombardy

Marche

### Lithuania

Klaipėda County

## Poland

Lesser Poland

Voivodeship

## Portugal

Region of Madeira

Region of the Azores

## Romania

Lalomița County

## Spain

Andalusia

Cantabria

Catalonia

Galicia

La Rioja

Navarre

Balearic Islands

Basque Country

## Sweden

Uppsala County

## United Kingdom of

## Great Britain and

## Northern Ireland

Cardiff Capital Region

Scotland

Wales

## North America

### Canada

Alberta

British Columbia

Prince Edward Island

Quebec

Yukon

## United States of

## America

State of California

State of Connecticut

State of Hawaii

State of Minnesota

State of New York

State of Oregon

## Asia Pacific

### Australia

Australian Capital

Territory

New South Wales

South Australia

Victoria

### Indonesia

Aceh

Central Kalimantan

East Kalimantan

North Kalimantan

Papua

Sigi Regency

Sintang Regency

West Kalimantan

West Nusa Tenggara

West Papua