

2024 Sports for Climate Action Framework



United Nations
Climate Change

Reporting questionnaire for the year 2023

Under the Sports for Climate Action Framework, sports organizations have committed to measuring, reducing, and reporting GHG emissions and communicating on climate action to inspire society as large.

Reporting is mandatory for all signatories that joined before 01/01/2023. However, all current signatories are strongly encouraged to report. Each signatory should submit one report. Please note that your individual report data will be published on [the Global Climate Action Portal](#).

Please, use this form to submit only your data for the **reporting year 2023**. You can submit your report **latest until 30/09/2024**. Please, refer to the [Reporting Guidelines](#) for more information.

If you want to keep a copy of your responses, please generate a PDF using the printer icon on the top right of the form before submitting your report.

Signatory Details

Signatory Name

Start typing the name of your organization to find it.

International Biathlon Union

Country of your Organization

Austria

Your name

Riikka Rakic

Your email

riikka.rakic@ibu.at

Governance and Transparency

Have your organization reported its 2023 data public via CDP?

Carbon Disclosure Project - CDP is a not-for-profit charity that runs the global disclosure system for investors, companies, cities, states and regions to manage their environmental impacts.

- Yes
- No

Please provide the link below to your organization's publicly accessible 2023 report on CDP

http://

Signatories committed to submitting a concrete plan on how to reach their interim targets. Does your organization's strategy include a publicly available climate transition plan that aligns with the Sports for Climate Action Net Zero Commitments?

Add a link to a PDF document. Your organization's Climate Transition Plan will be showcased on [the Global Climate Action Portal](#). You can access a [Climate Transition Plan template for download here](#).

- Yes
- No

Please provide the link below to a publicly accessible PDF document of the climate transition plan

http://

Risks and Opportunities

Does your organization have climate-related risk management process?

Having a risk process for identifying, assessing, and responding to climate-related risks and opportunities is important for organizations to proactively manage and mitigate the financial and reputational risks associated with climate change, while also identifying potential opportunities for business growth and innovation. [See here last year's risks report](#)

- Yes
- No, but we plan to do so within the next two years
- No, we do not currently plan to do so

What were the risks identified*

- Heat-related illnesses
- Changing playing conditions of outdoor sports
- Droughts and water scarcity
- Lack of consistent snow cover and quality
- Impact on local economies
- Changes in winter sports culture
- Extreme weather events impact on sports facilities and disrupt games
- Air pollution
- Disruptions in the tourism industry
- Instability of ice and snow
- Shift in geographic distribution of events
- Others
- None

What were the opportunities identified*

- Innovative technologies
- Green jobs
- Others
- Public awareness
- Increased revenue
- None
- New events and sports
- Reduced costs

Baseline and Targets

Has your organization set targets for reducing GHG emissions? Select all that apply

All signatories who joined after November 2021, or those who signed the Race to Zero letter, committed to a minimum 50% emissions reduction by 2030 and a net-zero emissions target by 2040.

- Halve emissions by 2030 Achieve net zero carbon emissions by 2040 at the latest
- Achieve net zero carbon emissions by 2050 at the latest
- Our organization targets are not aligned with the S4CA requirements

What is your baseline year?

A baseline year is a reference year that organizations use to measure their progress towards reducing greenhouse gas emissions. The baseline is the reference point for setting emissions reduction targets. By establishing a baseline year, organizations can track their progress over time and evaluate the effectiveness of their emissions reduction efforts. The baseline for S4CA shouldn't be earlier than 2019.

- 2018 2019 2020
- 2021 2022
- I don't have an established baseline year

What are your organization's base year emissions for Scopes 1, 2, and 3 combined (in metric tons CO₂e)?

Please use a dot (.) as a decimal separator when entering numbers. For example, 1.5 represents one and a half, while 1,5 may be interpreted as one thousand five hundred. Your total emissions will be calculated automatically.

1382

1,382

Is your baseline third party validated?

Third-party verification ensures that emissions are measured and reported consistently, according to recognized standards and methodologies. By setting a third-party verified baseline, organizations can demonstrate their commitment to transparency and accountability in their emissions reporting and management, which can help to build credibility and support for their climate action efforts.

- Yes No

Emissions

Which standard, protocol, or methodology did you use to calculate emissions?

- GHG Protocol Other
- I have not measured my emissions in 2023

Which reporting boundary is being used to report the climate-related effects on your business? Please choose the appropriate option.

Operational control: Focuses on managing and reducing GHG emissions from a company's own operations and facilities; **Financial control:** Focuses on accounting for GHG emissions from activities where a company bears financial risk and benefits from the operation's financial performance; **Equity share:** Focuses on accounting for GHG emissions based on a company's proportionate ownership or control over an activity, regardless of whether they have direct operational or financial control.

- Financial Control Operation Control Equity Share
- Other

Please select the scopes for which your reported emissions have third-party verification:

Climate emissions data that is third-party verified means that an independent auditor has reviewed and confirmed the accuracy and completeness of an organization's reported greenhouse gas emissions. This process provides greater credibility and transparency to an organization's emissions data, which is important for stakeholders, investors, and customers who want assurance that the reported emissions data is reliable and consistent.

- Scope 1 Scope 2 Scope 3
 No third-party verification in the reporting year

Who conducted the third-party verification? (Please specify the name of the verification organization or auditor.)

One Carbon World

When was the verification completed? (Please provide the date or the reporting period of the verification.)

2024-06-05

2024-06-05

Are there any Scope 1 or Scope 2 emissions within your reporting boundary that are not included in your disclosure? If yes, please provide details of these sources.

"Selected reporting boundary that are not included in your disclosure" means that the emissions fall within the operational or organizational limits you have defined for your reporting, but you have not measured/reported these emissions. This could be due to various reasons such as data availability, relevance, or materiality.

- Scope 1 > Direct emissions from fuel combustion (e.g., company-owned vehicles, on-site fuel use)
 Scope 1 > Refrigerant leakage
 Scope 2 > Indirect emissions from purchased electricity, steam, heating, and cooling
 No relevant sources of Scopes 1 and 2 excluded > All relevant sources included in the report

Are there any Scope 3 emissions within your reporting boundary that are not included in your disclosure? If yes, please provide details of these sources.

"Selected reporting boundary that are not included in your disclosure" means that the emissions fall within the operational or organizational limits you have defined for your reporting, but you have not measured/reported these emissions. This could be due to various reasons such as data availability, relevance, or materiality.

- Scope 3 > Purchased Goods and Services > Purchased goods and services (e.g., office supplies, uniforms)
- Scope 3 > Purchased Goods and Services > Material use (e.g., construction materials, event materials)
- Scope 3 > Capital Goods > Capital goods (e.g., equipment, infrastructure)
- Scope 3 > Upstream Transportation and Distribution > Shipment of goods over land, by sea, or by air through a third-party company
- Scope 3 > Waste Generated in Operations > Waste disposal
- Scope 3 > Business Travel > Employee business travel (e.g., flights, hotels)
- Scope 3 > Employee Commuting > Employee commuting (e.g., travel to and from work)
- Scope 3 > Upstream Leased Assets > Leased assets (e.g., rented office space, leased vehicles)
- Scope 3 > Downstream Transportation and Distribution > Downstream transportation and distribution
- Scope 3 > Processing of Sold Products > Processing of sold products
- Scope 3 > Use of Sold Products > Use of sold products
- Scope 3 > End-of-Life Treatment of Sold Products > End-of-life treatment of sold products
- Scope 3 > Franchises > Franchises
- Scope 3 > Investments > Investments (e.g., financial investments in carbon-intensive projects)
- Scope 3 > Other > Sponsorship and advertising (events, promotions, and marketing campaigns)
- Scope 3 > Other > Venue construction and operation
- Scope 3 > Other > Merchandise and equipment production Scope 3 > Other > Athletes travel
- Scope 3 > Other > Fans travel Scope 3 > Other > Other Scope 3 emissions
- No relevant sources of scope 3 excluded > All relevant sources included in the report

Please, add below your emissions for each scope. Please use a dot (.) as a decimal separator when entering numbers. For example, 1.5 represents one and a half, while 1,5 may be interpreted as one thousand five hundred.

Please inform your Scope 1 emissions (metric tons CO2e) in 2023

13.44

13.44

Please inform your Scope 2 emissions (metric tons CO2e) in 2023

1.49

1.49

Please inform your Scope 3 emissions (metric tons CO2e) in 2023

2900.61

2,900.61

Your total emissions for 2023 is 2916 metric tons CO2 equivalent

Compared to 2022, have your emissions reduced or increased?

- Reduced
 Increased
 Remained the same
 We didn't measure our 2022 emissions

Reduced by how much percent?

Please use a dot (.) as a decimal separator when entering numbers. For example, 1.5 represents one and a half, while 1,5 may be interpreted as one thousand five hundred.

0

0

Increased by how much percent?

Please use a dot (.) as a decimal separator when entering numbers. For example, 1.5 represents one and a half, while 1,5 may be interpreted as one thousand five hundred.

21

21

Please indicate the reasons why your organization's emissions increased or remained the same compared to last year.

- Change in output (e.g., more events, larger audiences)
 Acquisitions or mergers (e.g., acquiring new facilities or teams)
 Change in boundary (e.g., expansion of operations, new venues)
 Change in renewable energy consumption (e.g., reduced use of renewable energy sources)
 Change in methodology (e.g., updated emissions calculation methods)
 Change in physical operating conditions (e.g., weather, infrastructure changes)
 Unidentified reasons
 Other (Please specify)

Please specify other reasons here.

The input must be 100 characters or fewer, including spaces.

Increased staff members and full roll-out of the IBU Academy courses

Mitigation and Adaptation Actions

Which emissions reduction initiatives did your organization implement in 2023?

Select all that apply

- Athletes and staff travel > Use of low-emission transportation for team travel
- Building design and operations > Building automation systems
- Building design and operations > Building insulation Building design and operations > Efficient lighting
- Building design and operations > HVAC system upgrades
- Building design and operations > Renewable energy installations
- Circular materials > Circular product design Circular materials > Material reuse and repurposing
- Circular materials > Recycling and waste reduction programs
- Circular materials > Sustainable procurement practices
- Employee engagement > Behavior change campaigns
- Employee engagement > Recognition and incentive programs
- Employee engagement > Training and education programs
- Energy-efficient transportation > Active and shared transportation options
- Energy-efficient transportation > Efficient driving practices
- Energy-efficient transportation > Electric or hybrid vehicles
- Event management > Minimizing waste and promoting recycling
- Event management > Partnering with sustainable suppliers and vendors
- Event management > Providing sustainable food and beverage options
- Event management > Reducing water consumption
- Event management > Using sustainable event management software
- Fans' travel > Offering incentives for sustainable transport
- Fans' travel > Partnering with sustainable transport providers
- Fans' travel > Promoting public transport, cycling, and walking to events
- Fans' travel > Providing shuttle buses to and from events
- Policy and governance > Carbon pricing and internal carbon trading
- Policy and governance > Climate and sustainability policies and commitments
- Policy and governance > Emissions reduction targets and reporting
- Stadium design and operations > Implementing renewable energy installations
- Stadium design and operations > Using energy-efficient lighting and HVAC systems
- Stadium design and operations > Using smart building technologies
- Stadium design and operations > Using sustainable building materials and designs
- Staff travel > Use of virtual meetings instead of travel when possible
- Supply chain > Collaborating with suppliers to reduce emissions
- Supply chain > Procurement policies that prioritize sustainability
- Supply chain > Sustainable supplier selection and management
- Supply chain transport > Collaborating with logistics providers
- Supply chain transport > Transport optimization
- Supply chain transport > Using low-carbon fuels and modes of transportation
- Waste reduction > Composting and food waste reduction programs

- Waste reduction > Recycling programs Waste reduction > Reduction in single-use plastics and packaging
- Waste reduction > Waste audits and reduction plans
- Water-efficient operations > Water audits and reduction plans
- Water-efficient operations > Water-efficient equipment and fixtures
- Water-efficient operations > Water-efficient landscaping We have implemented other initiatives
- We have not implemented any emissions reduction initiatives in 2023

Which adaptation actions did your organization undertake in 2023 to address climate change impacts?

Note that this can include those in the planning and/or implementation phases.

- Infrastructure Resilience Improvements > Installing flood barriers
- Infrastructure Resilience Improvements > Reinforcing structures to withstand extreme weather
- Infrastructure Resilience Improvements > Elevating buildings and critical infrastructure
- Climate-Resilient Landscaping > Using drought-resistant plants
- Climate-Resilient Landscaping > Creating shaded areas with trees or structures
- Climate-Resilient Landscaping > Implementing erosion control measures
- Water Management and Conservation > Installing rainwater harvesting systems
- Water Management and Conservation > Implementing efficient irrigation systems
- Water Management and Conservation > Retrofitting facilities with water-saving fixtures
- Heat Management > Setting up cooling stations for athletes and spectators
- Heat Management > Installing misting systems in outdoor areas
- Heat Management > Designing venues with natural ventilation and shading
- Developing and Updating Emergency Response Plans > Creating evacuation plans for extreme weather events
- Developing and Updating Emergency Response Plans > Conducting disaster preparedness training for staff and volunteers
- Developing and Updating Emergency Response Plans > Establishing communication protocols for emergencies
- Community and Stakeholder Engagement on Adaptation > Running outreach programs to educate the community on climate adaptation
- Community and Stakeholder Engagement on Adaptation > Partnering with local organizations for joint adaptation initiatives
- Community and Stakeholder Engagement on Adaptation > Hosting workshops and seminars on climate resilience
- Monitoring and Assessing Climate Risks > Installing weather monitoring systems at facilities
- Monitoring and Assessing Climate Risks > Conducting regular climate risk assessments
- Monitoring and Assessing Climate Risks > Implementing early warning systems for extreme weather
- Biodiversity and Ecosystem Protection > Creating or preserving green spaces around sports facilities
- Biodiversity and Ecosystem Protection > Implementing measures to protect local wildlife habitats
- Biodiversity and Ecosystem Protection > Conducting biodiversity impact assessments for new projects
- Adapting Event Schedules > Scheduling events during cooler parts of the day or year
- Adapting Event Schedules > Rescheduling events in response to severe weather forecasts
- Adapting Event Schedules > Adjusting training times to avoid peak heat periods
- Insurance and Financial Risk Management > Securing insurance policies that cover climate-related risks
- Insurance and Financial Risk Management > Setting up financial reserves for climate adaptation projects
- Insurance and Financial Risk Management > Engaging in financial planning to mitigate climate impact costs
- Others None

Carbon Pricing

Does your organization use an internal carbon price to guide its activities or investments related to climate change?

An internal carbon price is a cost set by an organization to account for its carbon emissions. This price can help in decision-making and investment strategies, encouraging lower emissions and preparing for future regulations. Internal carbon pricing can be implemented in various forms, such as a shadow price, an internal carbon fee, or an implicit price through operational costs.

- Yes
- No, but we anticipate being regulated in the next three years
- No, and we do not anticipate being regulated in the next three years

Engagement

Does your organization engage with any of the following stakeholders to address climate-related issues? (Select all that apply)

- | | | |
|----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------|
| <input checked="" type="checkbox"/> Fans | <input checked="" type="checkbox"/> Athletes | <input checked="" type="checkbox"/> Sponsors |
| <input checked="" type="checkbox"/> Suppliers | <input checked="" type="checkbox"/> Media partners | <input checked="" type="checkbox"/> Venue operators |
| <input checked="" type="checkbox"/> Governing bodies | <input type="checkbox"/> Local communities | <input type="checkbox"/> Non-profit organizations |
| <input type="checkbox"/> Other partners in the value chain | | |
| <input type="checkbox"/> Our organization does not engage with its value chain on climate-related issues | | |

Does your organization engage in activities that could either directly or indirectly influence policy, law, or regulation that may impact the climate? (Select all that apply)

- Yes, we work directly with policymakers.
- Yes, our involvement with trade associations can influence climate-related policy, law, or regulation.
- Yes, we fund groups or individuals that can influence climate-related policy, law, or regulation.
- No, we have reviewed our activities, and none influence climate-related policy, law, or regulation.
- We haven't assessed this yet.

Achievements and Initiatives

We want to celebrate and share your organization's achievements in 2023. Please describe your most impactful initiatives in the reporting year related to the objectives and principles of the Sports for Climate Action Framework.

Objectives: **(1)** Empower and enable the sports community to commit to reducing their climate impact. **(2)** Leverage the influential platform of sports to engage fans and communities globally in climate action.

Principles: **(1)** Promote Environmental Responsibility. **(2)** Reduce Climate Impact. **(3)** Educate for Climate Action. **(4)** Promote Sustainable Consumption **(5)** Advocate for Climate Action

Highlight the objectives, innovative approaches, outcomes, challenges, and any key partnerships or collaborations. Your story can inspire others to take action on climate.

Objectives

- 1) Funding to National Federations for Climate and Sustainability strategies: Through its National Federation support programme, the IBU provides targeted funding for projects designed to develop sustainability strategies and action plans on the national level. In 2023, six national federations received funding for projects on environmental sustainability and 17 on social sustainability related projects.
- 2) Climate Club trophy initiative with Viessmann: The IBU partnered with Viessmann to launch the Climate Club Trophy at the BMW IBU World Championships Biathlon in Oberhof, with the aim of recognising biathlon clubs worldwide that implement impactful sustainability initiatives. Competing athletes at Oberhof 2023 amassed 7,981 hits at the shooting range, which was translated into 71.8 tons of CO2 savings. This meant that the winning biathlon club would receive a €24,000 Viessmann voucher, supplemented by a €3,000 contribution from the IBU. With almost 10,000 biathlon fans casting their vote, the Deutscher Alpenverein - Section Ulm won the Climate Club Trophy. A prime example of adaptation to climate change, DAV Ulm is operating a successful grassroots programme with sustainability at its core.

Principles

- 1) Full Fluor Ban in effect from 2023/2024 season: The IBU announced the implementation of a full ban of ski preparation products containing fluor at all its event series from the 2023/2024 season onwards. The IBU committed to banning fluor products used in ski preparation already in 2020, in line with EU Regulations, which prohibit the handling of high-carbon fluorine waxes based on the apparent health risks and associated environmental concerns.
- 3) IBU launches Online Sustainability education course: . Hosted on the IBU Academy's E-Learning platform "LearningSuite", the course spans four hours with three modules covering various sustainability aspects. It promotes the idea that "every job is a sustainability job" and offers an interactive learning experience through text, images, videos, and podcasts. Learners explore sustainability basics, its relevance for sports organisations, and the IBU's specific initiatives, emphasising individual roles in driving change.

Statement of Assurance

* By submitting this report, I confirm that, to the best of our knowledge, the data contained herein accurately represents our organization's climate change impact and mitigation efforts. Furthermore, I acknowledge and agree that the Sports for Climate Action Framework will publicly disclose this data on the Global Climate Action Portal in accordance with its disclosure policy.



Signature (Full name and Job Title)

Riikka Rakic, IBU Head of Sustainability

Sources

NOTE: Some of the questions used in this questionnaire were extracted from the CDP Climate Change Questionnaire Preview and Reporting Guidance 2023.

CDP. (2023). CDP Climate Change Questionnaire Preview and Reporting Guidance 2023. Retrieved from <https://www.cdp.net/en/guidance/guidance-for-companies>

*Sources: Stone, B., & Orr, S. (2019). Climate change and sports. Routledge. Intergovernmental Panel on Climate Change. (2018). Global warming of 1.5°C. IPCC. World Health Organization. (2018). Climate change and health. WHO. KPMG. (2018). The business of sports in a changing climate. KPMG. Sports Environmental Alliance. (2019). Opportunities for sport in a changing climate. SEA. United Nations Framework Convention on Climate Change. (2021). Sports for climate action. UNFCCC. National Oceanic and Atmospheric Administration. (2021). Climate change impacts on winter sports. NOAA.

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