HOW TO WORK WITH THE IBU CARBON FOOTPRINT TOOL

1 November 2021

Introduction

As part of its Sustainability Strategy 2020-2030, the IBU has committed to reducing its carbon footprint by 50% (4.5% per year) and becoming climate neutral until 2030. This commitment encompasses *both the IBU as an organization and all IBU events*.

The circumstances of each IBU event are different and so are the opportunities for reducing emissions. The IBU Carbon Footprint Tool is a means for identifying and measuring the climate impact of each IBU event.

The purpose of the tool is to help you as an IBU Organizing Committee develop a detailed understanding of your current emissions and help identify where to get started with your reduction efforts. Over time, the tool will also help you quantify your improvement.

In short, the tool will help you focus your efforts where they will make the greatest impact. To do that, you will need to collect some data and that will initially require careful planning. Without preparation, collecting these data after the event will be very difficult. But remember, we do not need perfect data – just enough data to know we are doing the right thing!

Completing the measurement ist part of the Event Hosting Declaration from the 2021/2022 season onward. Please email your data to Riikka.Rakic@ibu.at no later than on 31 May 2022.

Carbon Footprint Tool Sections

The following will provide some guidance for the main sections of the tool that was developed in cooperation with Lausanne-based sustainability consultancy Quantis (www.quantis-intl.com).

1. General Information
This is the easy part, just enter your main event details here!

Regarding the 'Host city' please consider the *city where most accredited participants and spectators would stay during the event or where the main transportation hub is located.* For 'Duration of the event', please consider all days beginning with the official arrival day.

2. Attendees & Origin – Travel to host country/ city
The numbers entered in this section are key to the overall carbon footprint of the event. For most categories you can simply enter the figures from the Plaras accreditation system (the categories are the same).

Based on OC feedback, the VIP guests were divided into three categories to distinguish guests who receive an accreditation (and are included in the Plaras data) from those who may purchase a VIP ticket or are invited but not accredited.

Please remember to review the 'Origin' of the event participants in the green area. The Fan Survey to be conducted by several World Cup events during the 21/22 season will help validate some of these assumptions about the distance that your spectators travel to the event.

3. Transport services

Collecting data for this section requires some pre-event planning to ensure you can properly track either the kilometers driven, or liters of fuel consumed.

Remember to include all transport services, by car or by bus, to transport OC staff, team members, guests, or spectators during the event.

4. Energy

Like Transport Services, tracking energy use for snow management, heating, lighting, sound, and technical power for broadcasting may require some advance planning to ensure that the proper data is available after the event.

Any pre- and post-event loading and dismantling by trucks, tractors and other machinery should be included here under 'Other Transportation.'

For type of fuel or energy, please distinguish whether you are using conventional or renewable options. It may be that you cannot separate the different energy uses but just receive one figure; if so, please use the 'Other' category.

5. Material

Under Material, only the temporary infrastructure is included. Any permanent buildings are not considered here but please include the total energy consumption for both types of infrastructure under #4 Energy. Based on OC feedback, printed material and bannering were also added here.

6. Uniforms

Not all staff and volunteers receive new uniforms every year so just include the number of new uniforms distributed each year.

7. Accommodation

Please include all overnights that were booked by the OC or your local lodging partner for accredited participants or guests, regardless of whether you paid or invoiced for them. Concerning spectator paid overnights, you may not have the exact numbers but estimate how many of your spectators also spent the night in the near-by region. We are currently using the same average emission factor for all types of accommodation but can become more specific.

8. Waste

It will be important to arrange the reporting process and details with your waste management provider in advance. Ideally you can agree on reporting by type of waste and recycled material.

9. Food

Food is the third biggest area of climate impact at events, after travel & transport and energy. Numbers in this section are heavily dependent on the numbers of attendees. However, what the event participants eat and drink also makes a difference, so having a vegetarian meal option makes great climate sense.

Here again it will help if you are able to plan pre-event how you will track the number of meals consumed at the main catering locations during the event.

Results

The results tab will be automatically generated to give you a high-level idea where your event's climate impact comes from. Based on this information you should be able to define an initial list of reduction activities for the season 2022/2023.