






## 2: CIRCULARITY AND CARBON



**Objective:** To reduce waste and pollution, circulate products and materials, measure and minimize our carbon footprint.

**Introduction:** Across all ISU activities, from the Headquarters in Lausanne, Switzerland, ISU Congresses and meetings, ISU Events and the activities of ISU Member federations, best efforts will be made to reduce waste and pollution, circulate products and materials, measure and minimize our carbon footprint. Following the determination of the Baseline Carbon Report for the season 2018-2019, a Carbon Reduction Plan has been developed that outlines actions that the ISU will take in the coming years to reduce carbon emissions as much as possible.



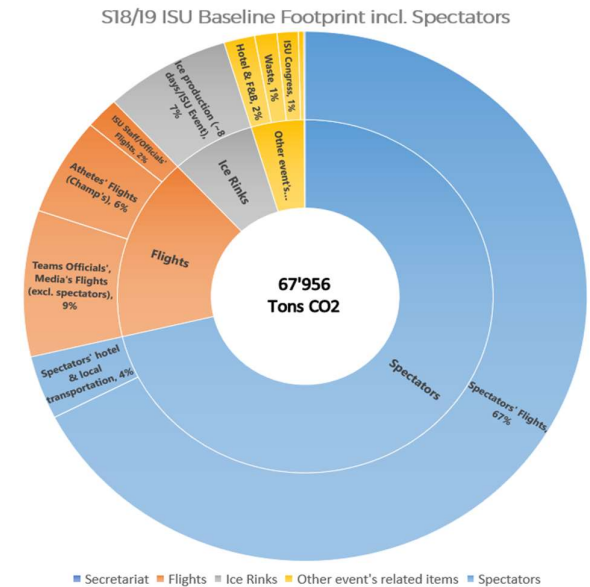
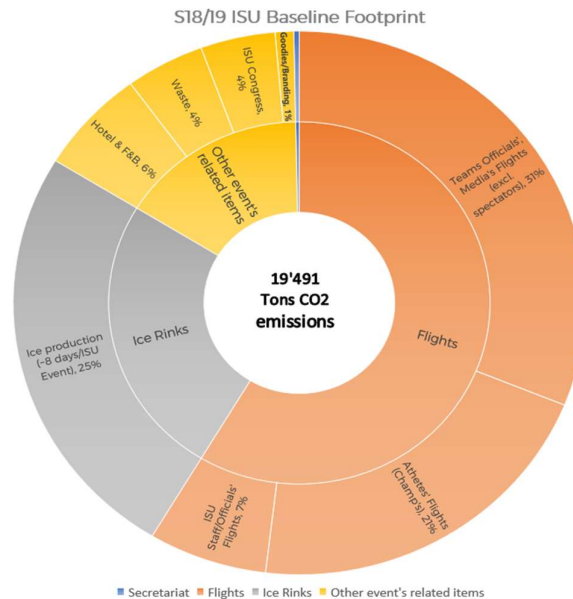
Targets	Actions
<b>ISU as an organization</b>	
<p>ISU Sustainability Strategy to include a Carbon Reduction Plan that includes details on the following dimensions:</p> <ul style="list-style-type: none"> <li>• Baseline Carbon Footprint</li> <li>• Carbon Reduction Commitments.</li> <li>• Alignment with the Paris Agreement and UNFCCC Sports for Climate Action target of net zero GHG emissions by 2040.</li> <li>• Engagement strategy to ensure ISU stakeholders support the ISU in reducing their overall carbon footprint and boost inclusivity in skating.</li> </ul>	<p><b>ISU CARBON REDUCTION PLAN</b></p> <p>Ice skating is inherently dependent on a cold climate if it is to continue on outdoor ice-rinks. Indoor ice-rinks are recognised as heavy consumers of energy and water and hence reducing the sport’s carbon footprint is fundamental to reducing its negative impact. The ISU Carbon Reduction Plan aims to ensure both credibility and accountability in all ISU activities. The Plan (to be reviewed annually) is based upon the 5 principles of the Paris 2024 methodology:</p> <div style="display: flex; justify-content: space-around; align-items: flex-start; text-align: center;"> <div data-bbox="588 646 787 938">  <p><b>ANTICIPATE</b></p> <p>Estimate and understand the ISU footprint</p> </div> <div data-bbox="856 646 1102 938">  <p><b>AVOID</b></p> <p>Make strategic choices about ISU operations and events</p> </div> <div data-bbox="1155 646 1365 966">  <p><b>REDUCE</b></p> <p>Implement policies and procedures to maximise potential carbon reduction</p> </div> <div data-bbox="1417 646 1648 966">  <p><b>OFFSET</b></p> <p>Offset unavoidable emissions through credible and sensible projects</p> </div> <div data-bbox="1701 646 1932 938">  <p><b>MOBILISE</b></p> <p>Engage with stakeholders to drive climate action</p> </div> </div>



ANTICIPATE

### ISU's Baseline Carbon Footprint

- ISU's baseline carbon footprint has been estimated using the GHG protocol, based on the Season 2018/2019.
- A.** A comprehensive inventory was made of S2018/2019 (pre-Covid) that included Scope 1, 2 and 3 Greenhouse Gas Emissions (GHG) of:
  - ISU Secretariat office
  - Flights and ground travel of ISU Secretariat, Officials and Athletes
  - Ice rinks used for 42 ISU competitions during the July 2018-June 2019 Season (est. 8 days of use/event)
  - Event accommodation, food and beverage of 42 ISU competitions
  - Waste, goodies and branding (souvenirs, signage, decoration, consumables)
- A **total of 19'491 tons CO2 equivalent** based on scope 1-3 emissions was made for S2018/2019.
- **59%** of total emissions in 2018/2019 were related to **flights** (21% = Athletes, 7% ISU Staff/Representatives, 31% other accreditations excl. spectators).
- **25%** of total emissions were related to **Ice Rinks**.
- B.** A **second baseline footprint** was made that included all **scope 1-3 emissions** including the **flights of approx. 250'000 spectators** to 42 ISU competitions during S2018/2019. Spectator flights were based on an extrapolation of the average of the ISU Secretariat's flights with an estimated total of 67'956 tons CO2. This translates into 67% of emissions being related to spectators' flights.





**AVOID**



**REDUCE**

### **ISU Carbon Reduction Commitments**

The ISU has developed a reduction strategy that consists of a number of commitments and actions that are either currently in place or in process to **Avoid** and **Reduce** carbon emissions. For the **Season 2022/2023**, a reduction of approximately 12% has been implemented from the baseline period of Season 2018/2019 through various carbon reduction efforts.

ISU commits to maximising its **Carbon Reduction** efforts, particularly in areas with the greatest carbon footprint, notably emissions related to **Flights** and **Ice Rinks** through the following initiatives:

#### **POLICY**

- Travel and Budget Policies that include specific targets for reduction and offsetting
- Engagement with international initiatives including the Sports for Nature Framework and UNFCCC Sports for Climate Action Framework

#### **GUIDANCE**

Sustainability Guidelines for ISU and its stakeholders including:

- Sustainability Guidelines for ISU Staff and Council Members
- Sustainability Guidelines for Events
- Sustainability Guidelines for Ice Rinks
- Sustainability Guidelines for ISU Member Federations

#### **IMPLEMENTATION**

- Support for and oversight of the implementation of carbon reduction measures will be facilitated through an Engagement Plan (see below)

#### **MEASUREMENT**

- ISU Sustainability Calculator template with detailed indicators used across the ISU family including by ISU Headquarters and ISU Events

#### **REPORTING**

- Annual Carbon Report published on ISU website

 <p><b>OFFSET</b></p>	<p><b>ISU Offsetting Plan</b></p> <ul style="list-style-type: none"> <li>• ISU prioritises <b>Reduction</b> of emissions and <b>Insetting</b> prior to <b>Offsetting</b>.</li> <li>• ISU commits to supporting <b>Insetting</b> through investment in the reduction of GHG emissions outside of ISU's own operations, but inside ISU's value chain such as ice rinks, skating equipment etc.</li> <li>• In order to <b>offset</b> and compensate for unavoidable emissions that occur as a result of their activities, ISU will invest in initiatives that: <ul style="list-style-type: none"> <li>◦ <b>lead to a reduction in GHG emissions</b> such as renewable energy,</li> <li>◦ or an increase in carbon storage through <b>nature based solutions</b> such as forest regeneration.</li> </ul> </li> </ul> <p>ISU will seek to become <b>climate positive by 2040</b><sup>1</sup> whereby ISU will go beyond balancing GHG emissions with reduction and carbon sequestration projects for a Net Zero outcome and will aim to draw down more GHG than it emits.</p>
 <p><b>MOBILISE</b></p>	<p><b>ISU Engagement Plan</b></p> <p>ISU commits to supporting national skating federations, ISU events, ice-rink owners, athletes, sponsors and partners to engage with the ISU on their sustainability journey through:</p> <ul style="list-style-type: none"> <li>• Appointment of ISU Sustainability Ambassadors.</li> <li>• Development and dissemination of ISU Sustainability Calculator, Guidelines etc.</li> <li>• Ice Skating circular programme to encourage insetting.</li> <li>• Virtual and Event Workshops, e-learnings for ISU Staff, Officials, event hosts etc.</li> <li>• Case Studies and Good Practice identification for use in training and Guidance materials.</li> <li>• Appointment of a dedicated Sustainability ISU employee, and continued engagement with the Environmental Sustainability Working Group and experts to ensure implementation of this Strategy.</li> <li>• Through the Ice Rinks Expert Group, development of guidelines and educational tools that enable impactful engagement with ISU Event hosts and the ice skating community to reduce the carbon footprint of skating.</li> </ul> <p><b>ISU Sustainability Sponsorship Plan</b></p> <p>Sustainability/climate sponsorship packages will be developed to enhance engagement and awareness amongst ISU stakeholders and facilitate implementation of this Strategy.</p>

<sup>1</sup> UNFCCC Sports for Climate Action Framework signatories aim to halve emissions by 2030 and be net zero by 2040. The Swiss Federal Act on Climate Protection Targets, Innovation and Strengthening Energy Security aims for Switzerland to become climate neutral by 2050. ISU is headquartered in Switzerland.

<p><b>ISU as an event organizer</b></p>	
<p>ISU to publish <b>Sustainability Guidelines for Events</b></p>	<p>The ISU commits to equipping ISU Event organizers with the necessary knowledge to simplify the decision-making process on implementing sustainability initiatives. Within the context of an ice rink or an event, ensuring the venue itself, the supply chain engaged in the event, the participants and all engaged requires a clear system, and a well-managed and ethically driven team.</p> <p>From the bidding process through to the legacy of an event, ISU Event hosts will be supported in ensuring sustainability is fully integrated in the procurement process. This will in turn ensure the most efficient and environmentally sound use of resources. Specific focus to be made on:</p> <ul style="list-style-type: none"> <li>● <b>Transport:</b> reducing to a maximum the transport footprint of an event.</li> <li>● <b>Accommodation:</b> engaging with accommodation providers to make more sustainable choices.</li> <li>● <b>Zero single-use plastic</b> in food and beverage service.</li> <li>● <b>Food:</b> commitment to sustainable catering options that take into consideration a. provenance (local); b. production mode (labels) c. type of products; d. season; e. degree of transformation.</li> <li>● <b>Circular economy and waste management:</b> Based on a circular economy, waste management to be conducted according to the 7 Rs: Refuse, Reduce, Repair, Reuse, Recycle/Compost organics, Reinvent, Reclaim</li> <li>● <b>Water:</b> Ensure responsible water management.</li> <li>● <b>Community:</b> engage fans in sustainable initiatives to inspire action.</li> <li>● <b>Collaboration:</b> maximize positive impact and sharing of good practice through collaborative partnerships.</li> </ul>
<p>ISU to explore opportunities that enable the recycling, reuse, and repair of equipment.</p>	<p>In collaboration with ISU Members, Centers of Excellence, skating equipment providers, other sports and initiatives such as the Sports for Nature Framework and the Carbon Fiber Circular Alliance, ISU will support the establishment of a program for the recycling, reuse and repair of skating equipment to minimise the negative footprint of skating equipment.</p>