

## SUSTAINABLE COMPETITION MANAGEMENT TOOL (SCMT)



#### Introduction

World Taekwondo's sustainability journey focuses on three key areas: Diversity, Equity, and Inclusion (DEI) & **Community, Health &** Well-Being, and **Environmental** Sustainability.



#### Purpose

This document provides practical guidelines for WT Member National Associations (MNAs) to plan, organize, and evaluate competitions that uphold sustainability principles while leaving a lasting legacy.



#### **Structure**

Actionable steps are grouped under six themes that address essential areas of sustainable competition management. Fach theme includes tasks, goals, measurable KPIs, and outcomes to ensure alignment with WT's vision and the Sustainable Development Goals (SDGs).

This tool aligns with the **Sustainability Monitoring and Reporting Tool (SMART) indicators,** which have been developed using established sustainability frameworks and standards, including the Commonwealth Sport and SDG Indicators, the ASOIF Common Indicators for Measuring the Impact of Events, the Global Reporting Initiative (GRI) Standards, and the UN Global Compact.



#### **Frameworks and Standards**

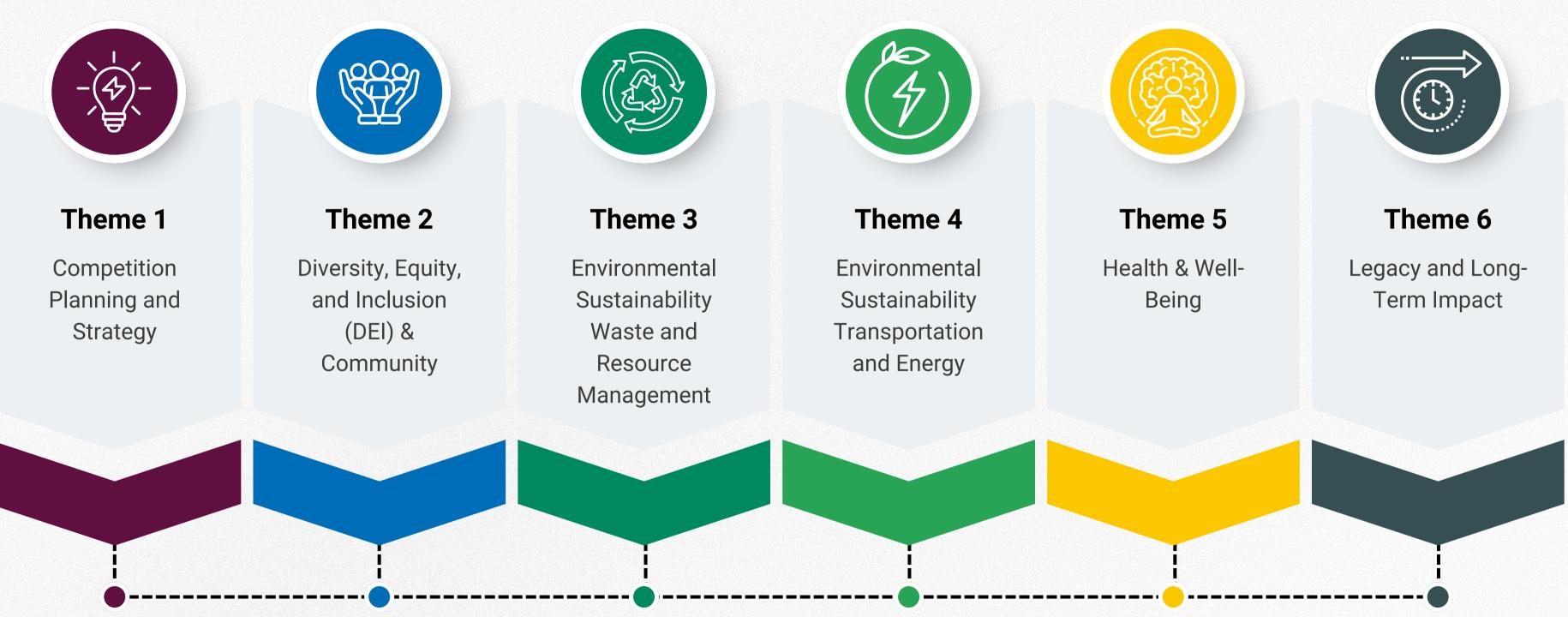


#### Outcome

This alignment ensures that the WT Sustainable Competition **Management Tool** (SCMT) follows international best practices, supporting consistent, credible, and data-driven sustainability reporting.



## **SUSTAINABLE COMPETITION MANAGEMENT THEMES**





## SUSTAINABLE COMPETITION MANAGEMENT OVERVIEW



## **Competition Planning and Strategy**

Establish the foundation for a sustainable competition through careful planning, clear objectives, and collaboration with stakeholders.

### Environmental Sustainability Transportation and Energy

Reduce the environmental impact of transportation and energy consumption at competitions.



### Diversity, Equity, and Inclusion (DEI) & Community

Ensure the competition is inclusive, accessible, and beneficial to the local community.

Ensure the physical and mental well-being of participants, staff, and volunteers.

Theme 3

### **Environmental Sustainability Waste and Resource Management**

Minimize waste and optimize the use of resources through responsible practices.

## Legacy and Long-Term Impact

Create a positive and lasting impact on the host city or region beyond the competition.



# Theme 4

Theme 5

### Health & Well-Being

## well-Being of



## **THEME 1: COMPETITION PLANNING AND STRATEGY**

## **TASK 01**

#### **Develop a Competition Sustainability and Legacy Plan**

To define sustainability objectives guiding all competition decisions and ensure they are implemented through designated roles and clear documentation.

#### **KPIs**

- Sustainability lead/contact appointed.
- Number of sustainability actions planned.
- SCM Plan completed (pre-competition checklist).
- Percentage of sustainability goals achieved.

#### **OUTCOMES**

Competitions that are structured around sustainability principles, with clear accountability and visible commitment, leaving a positive, lasting impact on the host city.

### **TASK 02**

**Create a Carbon** Management Plan

To measure and reduce the competition's carbon footprint by identifying major emission sources.

#### **KPIs**

- Scope 1, 2, 3 carbon emissions (measured in  $CO_2e$ ).
- Emissions verified or estimated using reporting template.
- Percentage reduction in emissions compared to previous similar events.

#### **OUTCOMES**

Data-enabled climate impact reduction and consistent reporting.

## **TASK 03**

### **Collaborate with Community Partners and Sponsors**

To engage stakeholders in sharing responsibility and resources for sustainability.

#### **KPIs**

- Number of local partnerships formed.
- Value of sponsorship contributions to sustainability efforts.

#### **OUTCOMES**

Increased local engagement and strengthened community ties.

## **TASK 04**

#### **Prepare a Post-Competition Sustainability Report**

To document and communicate sustainability outcomes using WT's standard template (SCM Debrief).

GOALS

#### **KPIs**

- Post-Competition Sustainability Checklist submitted using WT SCM Debrief template.
- Emissions data submitted.
- Feedback received.

#### **OUTCOMES**

Transparent and consistent sustainability reporting using WT templates enabling organizational learning and comparability across events.



## THEME 2: DIVERSITY, EQUITY, AND INCLUSION (DEI) & COMMUNITY

### **TASK 01**

#### **Engage Local Community** Groups

GOALS

To involve local communities in competition planning and delivery.

#### **KPIs**

- Number of local organizations involved.
- Percentage of local staff/volunteers engaged.

#### **TASK 02**

#### Make the Competition Accessible to All

To ensure accessibility for people with disabilities.

#### **KPIs**

- Percentage of venues with full accessibility features.
- Feedback from attendees with disabilities.

#### **Encourage Volunteer Participation from Diverse** Groups

To promote diversity among competition volunteers.

#### **KPIs**

- Percentage of volunteers from underrepresented groups.
- Inclusion training provided.

#### **OUTCOMES**

Competitions reflect WT's inclusive values and build equitable engagement.

#### **OUTCOMES**

Stronger community ties and greater inclusivity in competition organization.

#### **OUTCOMES**

A more inclusive and welcoming competition environment.



#### **TASK 03**

#### **TASK 04**

#### **Incorporate Community-Focused Initiatives**

To support the local community through competition activities.

GOALS

#### **KPIs**

- Number of initiatives implemented (e.g., donation drives).
- Impact of initiatives on local communities.

#### **OUTCOMES**

Positive social impact and stronger ties between the competition and local communities.

## **THEME 3: ENVIRONMENTAL – WASTE AND RESOURCE MANAGEMENT**

### **TASK 01**

#### **Reduce Plastic Use**

GOALS

To minimize single-use plastics and promote alternatives.

#### **KPIs**

- Quantity of plastic waste reduced (kg).
- Number of reusable/refill stations provided.

#### **OUTCOMES**

Competitions generate less plastic waste, reducing the ecological footprint.

### **TASK 02**

#### Set Up Recycling Systems

To ensure effective waste sorting and recycling.

#### **KPIs**

- Waste diversion and recycling targets included in the SCM Plan.
- Waste audit completed pre- or postcompetition.
- Percentage of waste diverted from landfill.
- Feedback from waste contractors/local partners.

#### **OUTCOMES**

Higher recycling rates and reduced landfill waste with targets supporting continuous improvement.

### **TASK 03**

#### **Donate Unused Materials**

To repurpose unused materials for community benefit.

#### **KPIs**

- Quantity of materials donated (kg).
- Number of local organizations benefiting from donations.

#### **OUTCOMES**

Reduced waste and strengthened community partnerships through reuse and donation initiatives, aligning with circular economy principles.



### **TASK 04**

#### **Source Equipment with Recycled Content**

To use sustainable and resourceefficient equipment.

GOALS

#### **KPIs**

- Percentage of equipment sourced with recycled content.
- Number of local suppliers engaged.

#### **OUTCOMES**

Reduced consumption of virgin resources, contributing to circular economy principles.

## **THEME 4: ENVIRONMENTAL – TRANSPORTATION AND ENERGY**

#### **TASK 01**

#### Promote Low Carbon Transport Options

GOALS

To encourage sustainable transportation for competition participants.

#### **KPIs**

- Competition-level sustainable travel policy adopted or referenced.
- Estimated percentage of participants using public transport, cycling, carpooling, or other low carbon options.
- Emissions avoided (CO<sub>2</sub>e) compared to baseline.

#### **OUTCOMES**

Lower transport-related emissions and stronger travel behavior change, supported by competition travel policies.

#### **TASK 02**

#### Use Renewable Energy Sources at the Venue

To shift to sustainable energy sources.

#### **KPIs**

- Energy sourcing information provided via WT SCM Plan template.
- Percentage of energy sourced from renewables.
- Partnerships with energy providers explored.

#### **TASK 03**

#### Optimize Energy Efficiency at the Venue

Implement measures to reduce energy use, such as efficient lighting, heating, and cooling.

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#### **KPIs**

- Energy savings achieved (kWh).
- Efficiency measures implemented (e.g., LED lighting).

#### **OUTCOMES**

Venue-level renewable energy decisions documented to support WT's 2030 emissions goals.

#### **OUTCOMES**

Competitions operate more efficiently, reducing costs and environmental impact.



#### **TASK 04**

#### **Reduce Air Freight and Opt for Green Logistics**

To minimize emissions from logistics and transportation.

#### **KPIs**

- Percentage of goods transported via low-
- emission methods.
- Total emissions reduced (CO<sub>2</sub>e).

#### **TASK 05**

#### Assess Venue and Infrastructure Climate Resilience

Ensure readiness for extreme weather and longer-term adaptation.

GOALS

#### **KPIs**

- Heat policies in place.
- Shade/cooling infrastructure available.

#### **OUTCOMES**

Reduced logisticsrelated emissions, supporting global carbon reduction efforts. OUTCOMES Safer and more climate-resilient competitions.

## **THEME 5: HEALTH & WELL-BEING**

#### **TASK 01**

#### **Provide Mental Health** Support

To support mental well-being for all stakeholders.

#### **KPIs**

- Inclusion of mental health resources documented in the SCM Plan
- Mental health resources provided (onsite or remote).
- Usage or visibility of resources (e.g., signage, briefings).

#### **OUTCOMES**

Supportive and inclusive participant experience.

#### **TASK 02**

#### **Offer Healthy and Sustainable Menu Options**

To promote nutritious, locally sourced, and sustainable food choices.

#### **KPIs**

- Percentage of meals that are plant-based, locally sourced, or lowwaste.
- Food waste avoided (kg).

#### **OUTCOMES**

Sustainable food choices promote health, reduce emissions, and align with wider sustainability targets.

#### **TASK 03**

#### Set Up Anti-Doping **Education Booths**

To educate participants on fair competition and anti-doping policies.

#### **KPIs**

- Number of education sessions held.
- Percentage of athletes engaged with anti-doping resources.

#### **OUTCOMES**

Better awareness and adherence to anti-doping policies promoting fair play and athlete integrity.

GOALS

GOALS

#### **TASK 04**

#### **Establish a Safeguarding** Booth

To create a safe and secure environment for participants.

#### **KPIs**

- Number of safeguarding concerns addressed.
- Feedback on competition safety measures.

#### **OUTCOMES**

Enhanced safety and security for participants, supporting positive competition experiences.

## **THEME 6: LEGACY AND LONG-TERM IMPACT**

TASK 01	TASK 02	
Create a Legacy Plan	Collaborate with Local Authorities	Tra
To outline the competition's long-term social, economic, and environmental benefits.	To sustain environmental and community initiatives beyond the competition.	To m
<ul> <li>KPIs</li> <li>Number of legacy programs planned.</li> <li>Number of stakeholders engaged in long-term initiatives.</li> </ul>	<ul> <li>KPIs</li> <li>Number of post- competition partnerships formed.</li> <li>Resources allocated to sustainability initiatives.</li> </ul>	<ul> <li>Leg po</li> <li>Em</li> <li>An pa</li> </ul>

#### OUTCOMES

GOALS

Competitions deliver longterm value for the host community and environment.

#### OUTCOMES

Ongoing efforts contribute to community development and sustainability goals.



### **TASK 03**

#### rack Sustainability Metrics Post-Competition

measure the competition's lasting impact.

GOALS

#### **KPIs**

egacy actions submitted to WT oost-competition. Emissions reduction from baseline. Annual engagement data (e.g., local partners, returning volunteers).

#### **OUTCOMES**

Legacy efforts contribute to longterm community and environmental benefits, with WT aggregating insights across host cities.