



Overview of the Tokyo 2020 Games Sustainability Progress Report

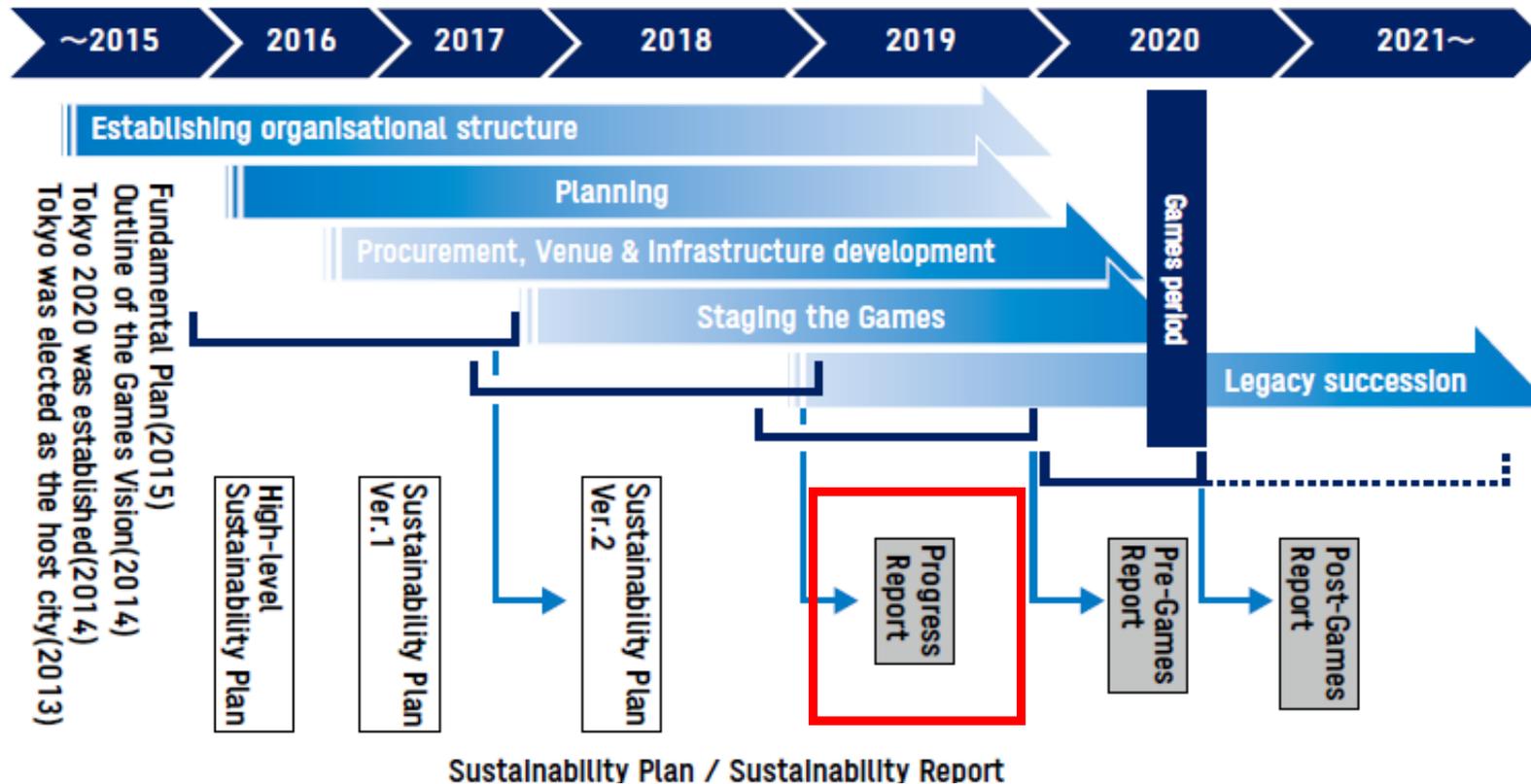
The Tokyo 2020 Games Sustainability



The Tokyo 2020 Games sustainability reporting frame

Tokyo 2020 will provide an overview of the sustainability of the Games through the Games Sustainability Plan and three Sustainability Reports that are aligned with the preparatory and delivery phases of the Games.

The Sustainability Progress Report focuses on progress in the refinement of the Sustainability Plan, procurement, and venue and infrastructure construction, primarily during 2018.



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Sustainability of the Tokyo 2020 Games: Principal initiatives and results to date



Tokyo 2020 Medal Project: Securing adequate amounts of metals

- Thanks to the cooperation of numerous stakeholders, we expect to have secured enough metals to manufacture the medals by the end of March 2019, when collection efforts will end.
- More than 18,000 collection boxes were placed nationwide, and 1,618 of Japan's municipalities—about 90%—have participated in the project.

Status of collected metals (8 February 2019)

	Metals Collected(A)	Target(B)	A / B
Gold	28.4kg	30.3kg	93.7%
Silver	3,500kg	4,100kg	85.4%
Bronze	2,700kg	2,700kg	100%



Medal delivery ceremony (August 2018)



Cooperation from many businesses and groups

Sustainability of the Tokyo 2020 Games: Principal initiatives and results to date

63 authorities nationwide are cooperating with “Operation BATON”



- A total of 63 authorities throughout Japan are participating in the “Operation BATON - Building Athletes' village with Timber Of the Nation”, which seeks to construct the Village Plaza using timber loaned from local authorities and return it following the Games.



Artist impression of Village Plaza(Paralympic Games)/©Tokyo2020



The Project Participants in Nationwide (63 authorities)



Project workers

Sustainability of the Tokyo 2020 Games: Principal initiatives and results to date

Working with international organisations and contributing to SDGs



- Memorandum of understanding with the ILO concerning the promotion of Decent Work (April 2018)
- Letter of Intent with the United Nations to support SDGs (November 2018)
- Participation in the United Nations Global Compact (July 2018)
- Participation in the Sports for Climate Action Framework of the United Nations Framework Convention on Climate Change (December 2018)



Agreement with the ILO on partnership



Sustainability Forum
in cooperation with the ILO



Letter of Intent with the UN



Participation in the Sports for Climate Action
Framework



We contribute to the United Nations Sustainable Development Goals (SDGs) through the delivery of the Games.

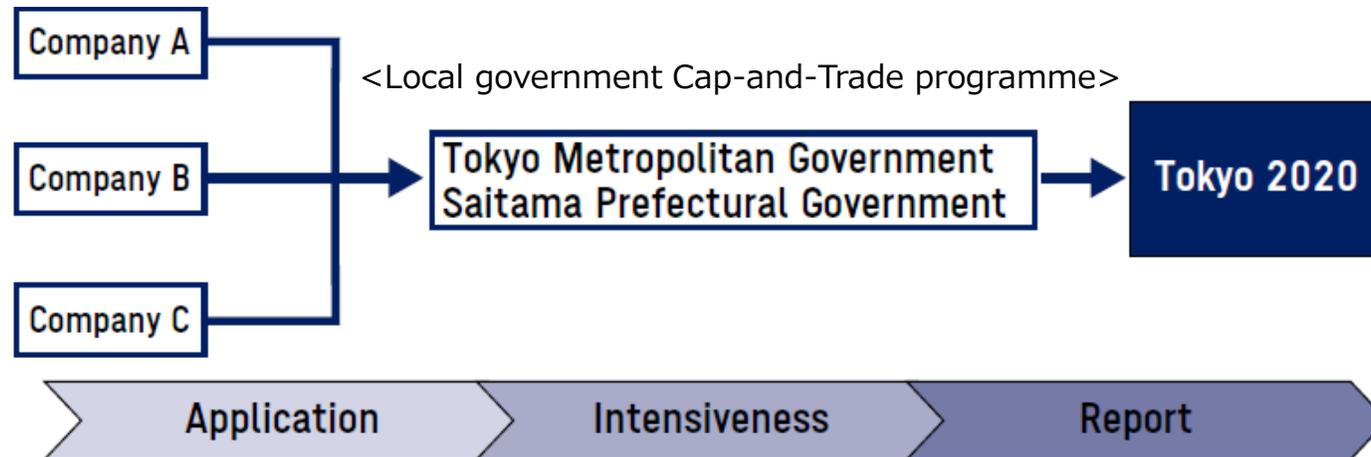
Sustainability of the Tokyo 2020 Games: Principal initiatives and results to date



Launching initiatives to offset and reduce CO₂ emissions in collaboration with multiple stakeholders

- We began calling on businesses to cooperate with efforts to offset CO₂ emissions from the Games through the Tokyo Metropolitan Government and Saitama Prefectural Government (July 2018).
- We began promoting activities that take advantage of the Games to reduce and absorb CO₂ with citizens participation (July 2018).

<Businesses>



"Carbon Offset Programme for the Tokyo 2020 Games" Procedure



Activities of CO₂ Reduction and Absorption by Citizens at the Tokyo 2020 Games

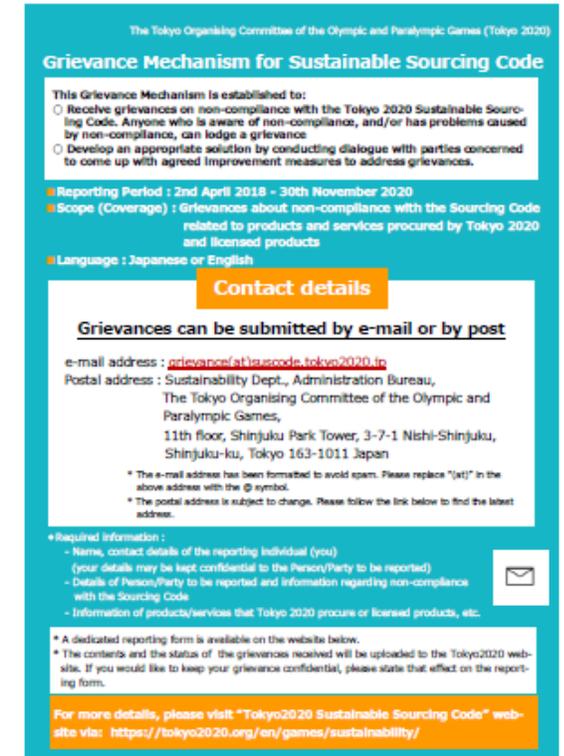
Sustainability of the Tokyo 2020 Games: Principal initiatives and results to date

Promoting sustainable sourcing and expanding certification schemes in Japan

- We formulated sourcing codes for paper and palm oil, in addition to codes for timber and agricultural/livestock/fishery products (June 2018).
- We established a Grievance Mechanism for non-compliance with the Sourcing Code (April 2018).
- After the formulation of the sourcing codes, sustainability-related certifications are found to grow in Japan.



Implementation of the Sourcing Code



Flyer to disseminate the Grievance Mechanism

Sustainability of the Tokyo 2020 Games: Principal initiatives and results to date



Ensuring high environmental performance and accessibility at venues

- Achieving the highest rank rating under CASBEE (Comprehensive Assessment System for Built Environment Efficiency, to be applied to three permanent venues) and under the Tokyo Green Building Programme (to be applied to seven permanent venues)
- Introducing solar PV(photovoltaic) system, solar heat thermal system, geothermal heating/cooling system as well as BEMS equipment at venues.
- Ensuring the accessibility of venues in accordance with the Tokyo 2020 Accessibility Guidelines



Solar generation system & Solar water heating system
(Musashino Forest Sports Plaza)

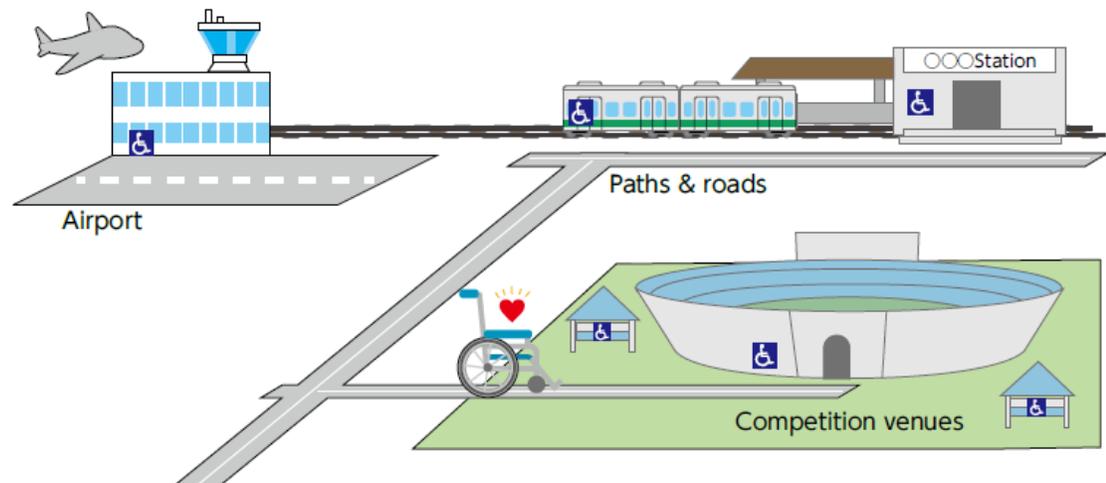


Figure: Ensuring continuous accessibility

Sustainability of the Tokyo 2020 Games: Principal initiatives and results to date

Promoting Diversity & Inclusion (D&I)

- We've developed mechanisms that allow workers to pledge their support for D&I, for example with a D&I Pledge made by management and members (December 2018).
- We earned Silver and Best Practice awards under the PRIDE Index, which evaluates initiatives addressing sexual minorities in the workplace (October 2018).



Signing on D&I Pledge by Tokyo 2020 management & members

**Tokyo 2020 promotes
Diversity & Inclusion**

Know Differences, Show Differences

D&I sticker for staff members to make a positive statement on D&I



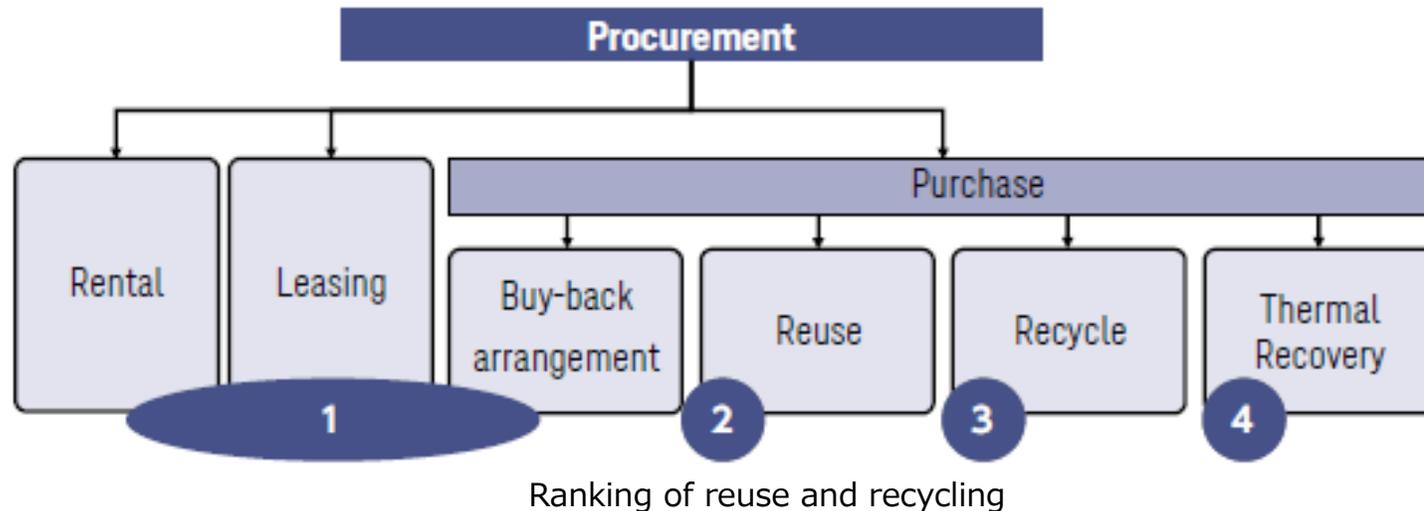
Pride Index award

Sustainability of the Tokyo 2020 Games: Principal initiatives and results to date



Launching full-scale initiatives to reuse and recycle procured items after the Games

- We formulated an Asset Management and Disposal Regulation to promote appropriate management and disposal of assets, including from the perspective of sustainability (December 2018).
- We've implemented an initiative to ensure effective use of resources through leasing while simultaneously saving costs.



Adoption of rentals and leasing for temporary venue and overlay works

Preparing to deliver the Games

- During 2019, we will make a transition from the planning phase to the operation phase, which will focus on the Games competition venues.
- Going forward, we will detail the progress in sustainability initiatives along with results and issues in the next and subsequent reports.
- We will work not only to ensure sustainable Games, but to contribute to a sustainable society in Japan and around the world.

The Sustainability Concept of the Tokyo 2020 Games

Be better, together

For the planet and the people

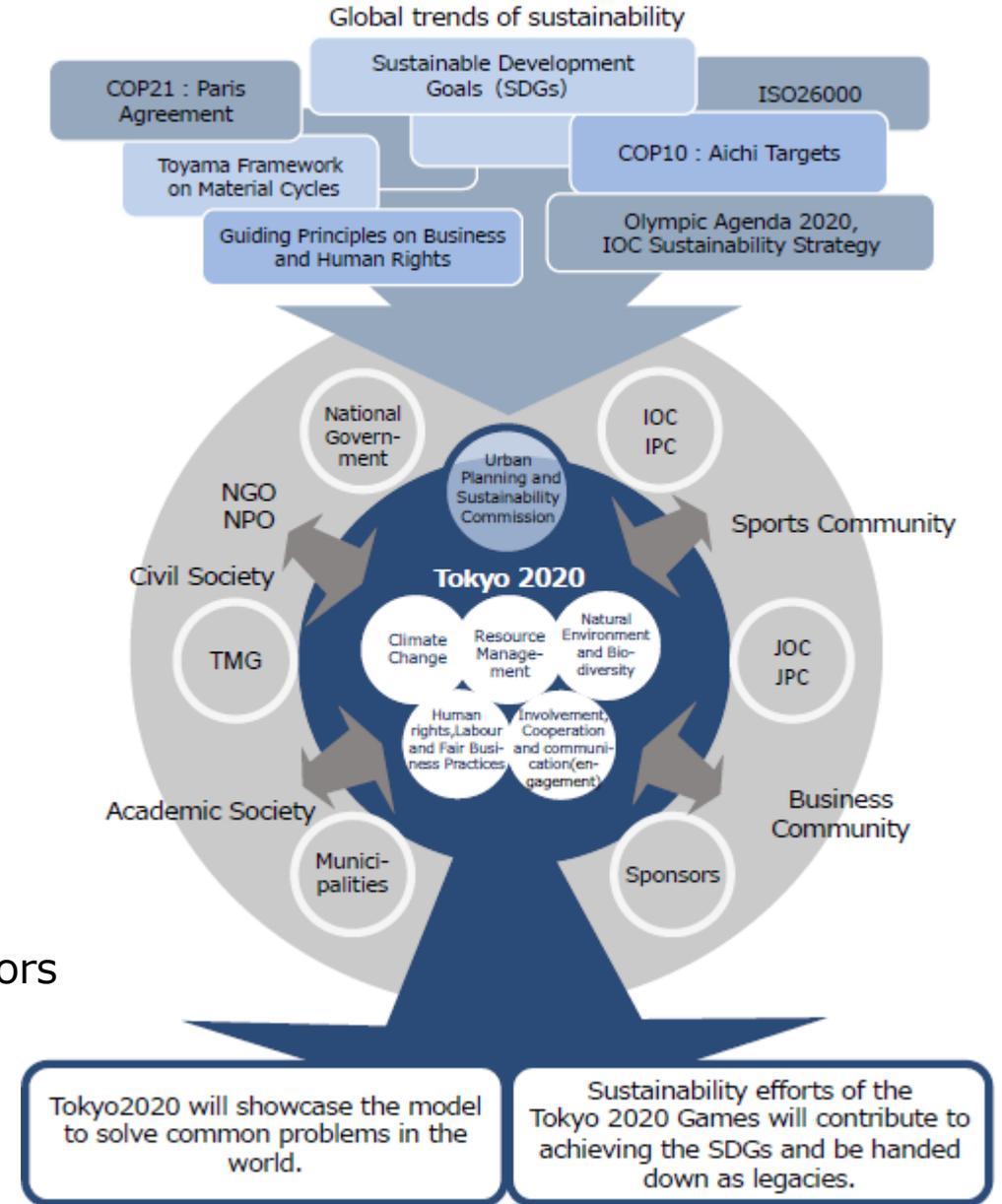
Sustainability Progress Report: Overview of Individual Sections

About This Report

- This Report adheres to the GRI Standards: Core option, an international standard on sustainability reporting.
- In addition to initiatives undertaken by the Tokyo 2020 Organising Committee, it covers important initiatives by other stakeholders as well as initiatives deeply related to the Games.
- Concerning the materiality, five main themes were chosen based on discussions held by the Urban Planning and Sustainability Commission starting during the earliest stages of preparations for the Games.

Sustainability Management System

- We have introduced a management system based on ISO 20121, an international standard that supports event sustainability.
- We have formulated the Sustainability Policy and the Sustainability Plan.
- We have assigned sustainability administrators and coordinators to each functional area.
- We have ensured that awareness of the importance of sustainability has permeated the organisation through meetings and training programmes.



Climate Change : Towards Zero Carbon

Status of principal initiatives

- **Transport with low environmental load**
 - We're studying using low-pollution, fuel-efficient vehicles such as Fuel Cell Vehicles and Plug-in Hybrid Vehicles.
 - The 2020 TDM Promotion Project was launched to implement travel demand management (TDM).
- **Reduction measures and effect by effective resource use**
 - It is expected that the carbon footprint associated with procurement of overlay items will be reduced by about 80%, provided rental arrangements are put into effect instead of purchasing them new.
- **Renewable energy**
 - We formulated a concept to renewable electricity use at the Tokyo 2020 Games.
 - We've installed new renewable energy systems at seven permanent venues in Tokyo (including about 513 kW of solar power, 462 kW of solar heat, and about 1,523 MJ of geothermal).
 - We're studying use of hydrogen produced at a facility demonstrating how hydrogen can be produced from renewable energy in Fukushima Prefecture.
- **Carbon Offset Programme for the Tokyo 2020 Games**
 - We're working to offset CO₂ emissions with the cooperation of the Tokyo Metropolitan Government and Saitama Prefectural Government.
- **Participation in the Sports for Climate Action Framework**
 - We've voiced the importance of measures to address climate change in sports, and we're working with a range of participating organisations to contribute to climate change measures.

Resource Management : Zero Wasting

Status of principal initiatives

- **Reduction of packing materials**

- We're requiring ease of recycling, for example in the form of simple containers and packaging, and reduction of the environmental impact at the time of disposal in procurement.
- We're studying use of reusable tableware and incorporation of the 3Rs into the specifications and the recycling way of lunch containers for staff at venues.

- **Reuse and recycle of procured items and goods (Target : 99%)**

- Before ramping up procurement of items, we formulated Reuse and Recycling Guidelines (Policy).
- We're managing procured items in an integrated manner, for example by formulating an Asset Management and Disposal Regulation and introducing an asset tracking system.
- We're utilising leasing and buy-back arrangements as a way to implement reuse-friendly procurement.

- **Reuse and recycle of wastes generated from operations of the Games (Target : 65%)**

- We're studying how to promote segregation of waste, for example by using easy-to-understand pictograms.
- We're studying a horizontal recycling initiative that would allow plastic drink bottles used during the Games to be recycled for subsequent use as plastic drink bottles.

Natural Environment and Biodiversity

: City within Nature/Nature within the City

Status of principal initiatives

- **Heat countermeasures**

- We've formulated model initiatives from the perspectives of spectators, the workforce, and athletes as a basic approach to heat countermeasures.
- We're studying and implementing a variety of specific initiatives in partnership with the national government and the Tokyo Metropolitan Government (TMG), including studying heat countermeasures merchandise, communicating information about heat countermeasures via the website and mobile apps, promoting "cool share" and changing in competition times.

- **Improving the water circulation environment in the city**

- We've carried out water quality and temperature study as well as an underwater screen tests in Odaiba Marine Park in an effort to stabilise water quality.
- The national government and TMG have implemented measures including improving water quality in the moat surrounding the Imperial Palace Garden and reducing pollution load discharged into rivers and the ocean.

- **Greening and biodiversity**

- In addition to minimising changes to existing trees, we're transplanting trees and planting indigenous species as competition venues are constructed.
- Kasai Marine Park, which is located adjacent to the Canoe Slalom Centre, was designated as a wetland under the Ramsar Convention.

- **Resource consumption in the Games to conserve biodiversity**

- The national government and TMG have been promoting initiatives such as the implementation of GAP (Good Agricultural Practices) and obtainment of related certification.

Human Rights, Labour and Fair Business Practices : Celebrating Diversity – Inspiring Inclusive Games For Everyone

Status of principal initiatives

- **Elimination of discrimination, Diversity and Inclusion (D&I)**
 - We formulated a D&I Strategy to ensure that the D&I perspective would be an area of emphasis in preparations for, and delivery of, the Games.
 - We compiled a D&I Handbook summarising specific actions for workers, and we offer new-employee training and management training.
 - We orchestrated a D&I Pledge by management and members, and we created a D&I sticker for individual members to use to express their support for D&I.
- **Secure accessibility**
 - We've worked with the national government, Tokyo Metropolitan Government, public transportation providers, and other entities to ensure consistent accessibility from airports and train stations.
- **Implementing policies that ensure fair business practices**
 - We gave compliance training to members. Also, we worked to raise awareness on the Sourcing Code among supply chain stakeholders.
- **Human rights consultation desk**
 - In addition to establishing a hotline for workers to use during everyday operations in line with the Guiding Principles on Business and Human Rights, we are studying structures to ascertain problems involving human rights, labour, and other issues at competition venues during the Games as well as compilation of associated guidelines and other measures.

Involvement, Cooperation and Communications (Engagement)

: United in Partnership & Equality – Inspiring Inclusive Games For Everyone

Status of principal initiatives

- **Promote preparation and operation of the Games through collaboration and engagement of various parties**
 - We signed a Memorandum of Understanding with the ILO for cooperative activities, including co-hosting Sustainability Forum.
 - We've participated in the United Nations Global Compact, and signed a Letter of Intent with the United Nations to support SDGs.
- **Inclusion of a wide range of people through talent development**
 - TMG is promoting environmental education and understanding of people with impairment through Olympic and Paralympic Education.
- **Facilitating broader involvement with the public through the project**
 - In Tokyo 2020 Medal Project, we expect to have secured enough metals to manufacture the medals thanks to cooperation by numerous stakeholders.
 - More than 90,000 actions has been certified as Tokyo 2020 Nationwide Participation Programmes in 8 theme areas, including sustainability.
 - In Tokyo 2020 Education Programme , we have prepared and distributed teaching materials for Olympic and Paralympic education, including materials which teach about inclusive society on the theme of the Paralympics.

Sustainable Sourcing

Status of principal initiatives

- **Implementation of the Sourcing Code**

- We've prepared commentaries of the Sourcing Code and FAQs to promote understanding and concrete efforts amongst businesses.
- Compliance to the Sourcing Code has been put as a requirement in sourcing specifications and contracts issued by Tokyo 2020.
- We're working to understand how suppliers/licensees are engaged in sustainability, through reviewing checklists and conducting interviews.
- We disclose information on concrete-formwork plywood being procured every six months. Also, we, in unison with TMG, has conducted site surveys on plywood for monitoring.
- A Grievance Mechanism for non-compliance with the Sourcing Code has been in operation. To disseminate it, we have prepared flyers in several languages.

- **Review of sourcing code for timber**

- We've revised the code to restrict the use of timber associated with loss of forest area, and to recommend additional risk-reduction measures.

- **Request to TMG, national government and others to respect the Sourcing Code**

- TMG and Japan Sport Council (JSC) respect the Sourcing Code in their procurement for the Games. Both parties have also established their own grievance mechanisms respectively.

- **Changes linked to the Sourcing Code**

- Around the time of the establishment of individual codes for timber, agricultural, livestock and fishery products, sustainability-related certifications are found to grow in Japan.

Venue Development

Status of principal initiatives

- **Permanent venues**

- TMG and JSC plan to achieve an effective use rate of at least 99% for recycle construction generated soil and a resource recycling/reduction rate of at least 99% for construction waste.
- TMG and JSC plan to earn the highest S rank rating under CASBEE (Comprehensive Assessment System for Built Environment Efficiency) for three venues.
- TMG and JSC plan to earn the highest stage 3 rating under the Tokyo Green Building Programme for seven venues.

- **Temporary venues and overlays**

- We are working to maximise reuse and recycling by presuming rental and leasing of tents, prefabricated units structures.

- **The Olympic/Paralympic Village**

- We've earned Rank S certification under CASBEE-UD and Gold certification under the LEED ND environmental certification programme.
- A total of 63 authorities are participating in the Operation BATON, which will use timber loaned from local authorities across Japan to build the Village Plaza and return it following the Games.

- **Accessibility initiatives**

- We're ensuring accessibility for visitors through such means as the Tokyo 2020 Accessibility Guidelines.