



Beijing 2022 Olympic and Paralympic Winter Games Sustainability Plan



May 2020



CONTENTS

Foreword	02
Part I: Beijing 2022 Games at a Glance	04
Part II: Beijing 2022 Games Sustainability Plan Presentation	08
Vision	09
Sustainability Vision.....	10
Sustainability Objective.....	10
Three Key Themes	11
Key Theme 1: Positive Environmental Impact	12
General information	12
Areas of action	13
Key Theme 2: New Development for the Region	14
General information.....	14
Areas of action	14
Key Theme 3: Better Life for the People	15
General information.....	15
Areas of action	15

Part III: Actions and Measures	18
1. Positive Environmental Impact	18
Action 1: Prioritise ecological conservation in venue construction and utilisation.....	19
Action 2: Steady improvement of ecological environment.....	23
Action 3: Deliver a low-carbon Games to address climate change	25
Action 4: Integrate sustainability requirements into sourcing procedures and processes	30
2. New Development for the Region	32
Action 5: Accelerate infrastructure construction	33
Action 6: Improve service capacity	34
Action 7: Promote the long term development of the winter sport and leisure industry in China...	35
Action 8: Set an example of urban regeneration	37
3. Better Life for the People	39
Action 9: Promote human development	40
Action 10: Promote the Olympic spirit	42
Action 11: Advocate for a healthy lifestyle.....	43
Action 12: Foster a good social atmosphere.....	45
Part IV: Supportive Measures	48
Central Government Level.....	50
Host City Level.....	51
Beijing 2022 Level	53
Non-governmental level.....	53





Foreword

In September 2015, at a historic United Nations summit, world leaders adopted the 2030 Agenda for Sustainable Development, listing 17 sustainable development goals (SDGs). Over the next fifteen years, with these new Goals that universally apply to all, countries have mobilized efforts to end all forms of poverty, fight inequalities and tackle climate change, while ensuring that no one is left behind. As the UN 2030 Agenda for Sustainable Development unfolds, countries are joining hands to embark on a fair, open, comprehensive and innovative path to improve the well-being of mankind.

Sport, with its universality and global appeal, plays a vital role in the development of modern society and is an effective tool and important driving force to help achieve the SDGs.

The Chinese government lists sustainability as one of its governance concepts and is actively implementing the UN 2030 Agenda for Sustainable Development. The Beijing 2022 Games is a landmark event for China and the Games preparations will strongly contribute to the country's implementation of the UN 2030 Agenda for Sustainable Development.

Since the adoption of Olympic Agenda 2020, the strategic road map of the International Olympic Committee (IOC), sustainability alongside credibility and youth, has become priorities for the IOC and the Olympic Movement, and sustainability is required to be included in all aspects of the Olympic Games and within the Olympic Movement's daily operations. The IOC's "Olympic Agenda 2020 – The New Norm" was developed to "further enhance the flexibility, efficiency and sustainability of Games' delivery".

Thus, from bidding to Games preparations, we have been comprehensively following sustainability requirements, guidance and support provided by the *Olympic Agenda 2020* and *the New Norm*, the *IOC Sustainability Strategy*, the *Olympic Games Guide on Sustainability* and the *Host City Contract - Operational Requirements*. We have formulated this Sustainability Plan to provide a basis for the sustainability work of the Beijing 2022 Games.

This Plan puts forward the Beijing 2022 sustainability vision and objectives through the following three key themes:

- Positive Environmental Impact,
- New Development for the Region, and
- Better Life for the People.

In total we have identified and listed 12 concrete actions that are supported by 37 key tasks and 119 specific measures.



We have also enclosed a briefing on how our stakeholders, such as the Chinese government, the Host City government, venue owners and marketing partners, will contribute to our sustainability work.

Information on the progress of the actions and measures contained in the Plan will be provided in the *Beijing 2022 Sustainability Report* which will be published in 2020.





Part I: Beijing 2022 Games at a Glance



The Beijing 2022 Games are the first Winter Olympic and Paralympic Games that China will host. The country previously hosted:

- the Beijing 2008 Olympic and Paralympic Games, and
- the Nanjing 2014 Youth Olympic Games.



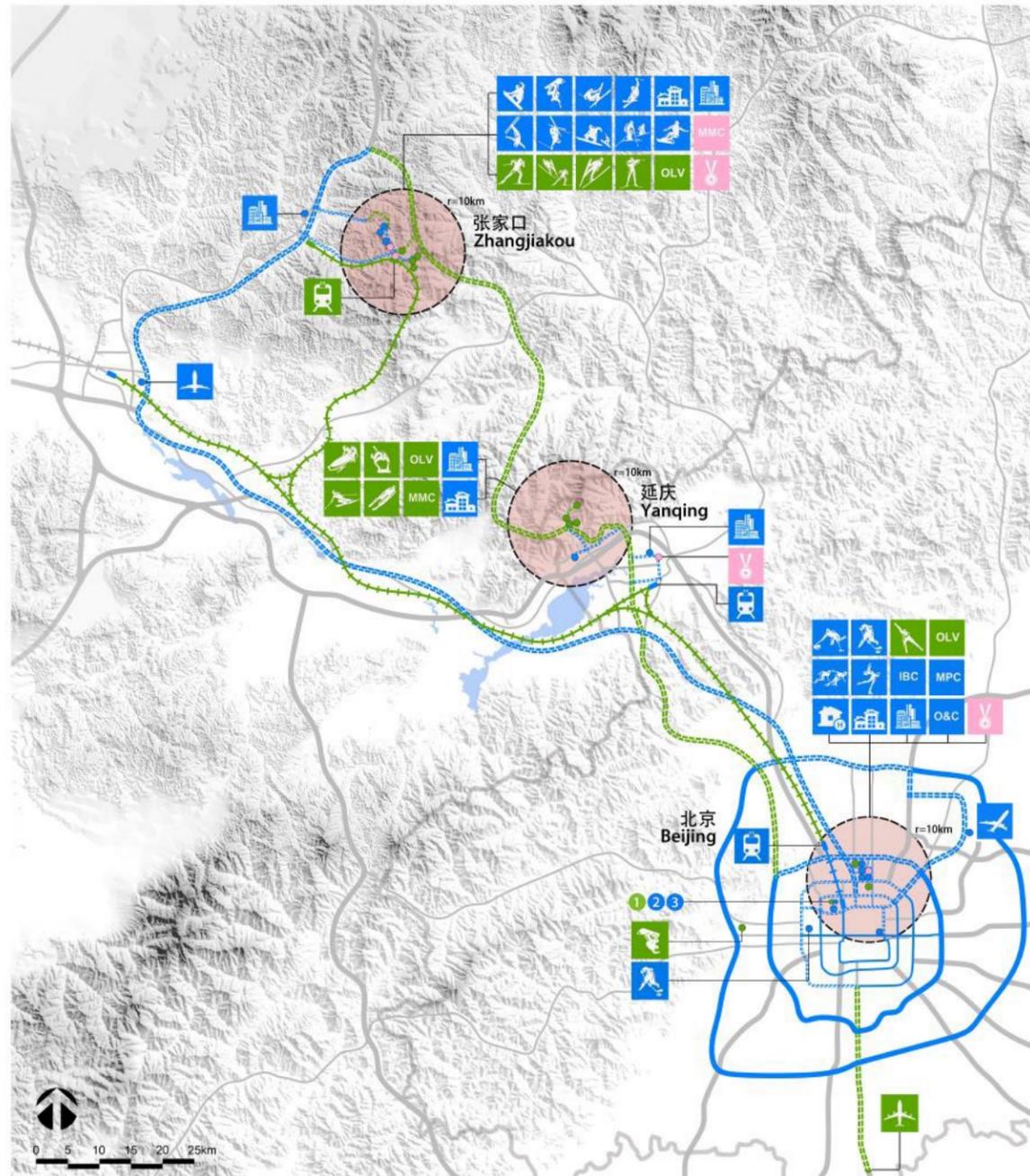
Beijing will become the first city in the world to have hosted both summer and winter Olympic and Paralympic Games.

The Beijing 2022 Games will take place as follows:

- Beijing 2022 Olympic Winter Games from 4 to 20 February 2022
- Beijing 2022 Paralympic Winter Games from 4 to 14 March 2022.

The Beijing 2022 Olympic Winter Games will feature a programme of 7 sports and 109 events, and the Beijing 2022 Paralympic Winter Games will feature 6 sports and 78 events.

For the Beijing 2022 Olympic Winter Games, it will use 42 venues spread across three competition zones: Beijing, Yanqing and Zhangjiakou; and for the Beijing 2022 Paralympic Winter Games, it will use 32 venues also in the same three competition zones.



Distribution of the Beijing 2022 Games competition zones

Beijing Zone:

As the capital of China, Beijing is a city with a rich historical and cultural heritage and also the country's international exchanges and innovation hub.

The Beijing zone will host all ice events: Ice Hockey, Curling, Speed Skating, Short Track Speed Skating, Figure Skating and as well as one snow event: Snowboard Big Air.

Twenty-nine venues are located in Beijing zone, including some of the legacy venues from the Beijing 2008 Games, such as the National Aquatics Centre (or Water Cube), the National Indoor Stadium, the Capital Indoor Stadium and Wukesong Sports Centre. Two competition venues in this zone are newly built: the Big Air Shougang and the National Speed Skating Oval.

Yanqing Zone:

This zone is located in the Xiaohaituo Mountain area, 74 kilometres northwest of Central Beijing. Yanqing is an administrative district of the Beijing Municipality.

The Yanqing zone will host the Alpine Skiing as well as the Bobsleigh and Luge events.

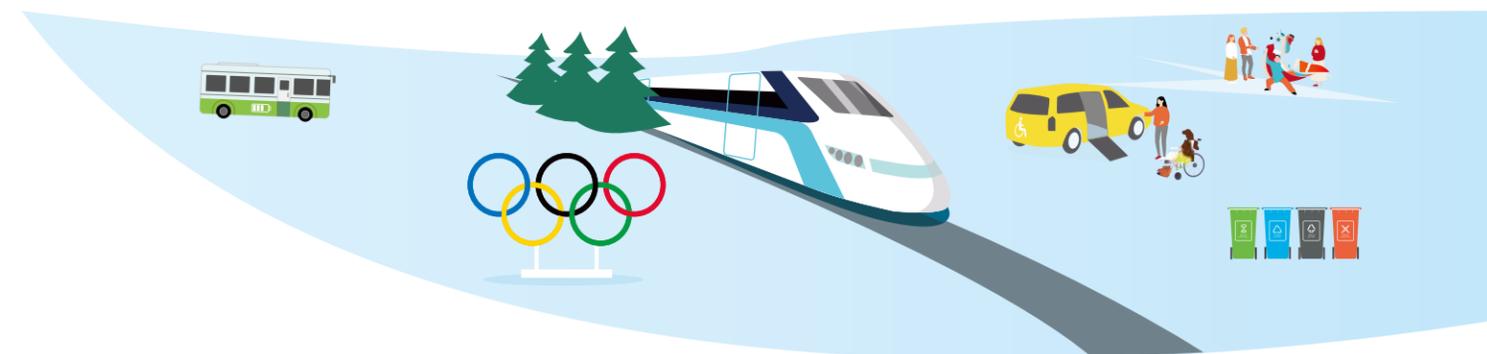
Five venues are located in Yanqing zone including the Yanqing National Alpine Skiing Centre, the Yanqing National Sliding Centre and the Yanqing Olympic/Paralympic Village.

Zhangjiakou Zone:

This zone is located in the Chongli District of Zhangjiakou City, situated in the northwest of China's Hebei Province, about 180 kilometres away from Beijing.

The Zhangjiakou zone will host Cross-Country Skiing, Freestyle Skiing, and the Biathlon events.

Ten venues are located in the Zhangjiakou zone, including the National Ski Jumping Centre, the National Cross-Country Centre, the National Biathlon Centre, the Genting Snow Park, the Zhangjiakou Olympic/Paralympic Village, the Zhangjiakou Medals Plaza, Zhangjiakou Mountain Press Centre, Zhangjiakou Mountain Broadcast Centre, Zhangjiakou Uniform Distribution and Accreditation Centre and Zhangjiakou Olympic Hospitality Centre.





Part II: The Beijing 2022 Games Sustainability Plan Presentation



Beijing 2022 Games Vision

As a landmark event for China in general, the Beijing 2022 Games is also a landmark event for the country's implementation of sustainability as a new development model.

As per President Xi Jinping's words¹ to "Deliver a fantastic, extraordinary and excellent Beijing 2022 Games, which are green, inclusive, open and clean." Beijing 2022's mission fully embodies the concept of sustainability. Sustainability has been incorporated as a priority since the very early bidding phase and integrated into all aspects of the Games preparations.

Vision:

Joyful rendezvous upon pure ice & snow uniting the passion of hundreds of millions for winter sports.

Mission:

Deliver a fantastic, extraordinary and excellent Beijing 2022 Games, which are green, inclusive, open and clean.

Key messages:

- Inspire the youth with the Olympic spirit.
- Encourage millions to embrace winter sports.
- Promote social progress through Winter Games.
- Create a harmonious world of better mutual understanding.

¹ As per President Xi Jinping's Thought on Socialism with Chinese Characteristics for the New Era, the Chinese President's political theory incorporated into the Constitution of the Communist Party of China on 24 October 2017.



Sustainability Vision

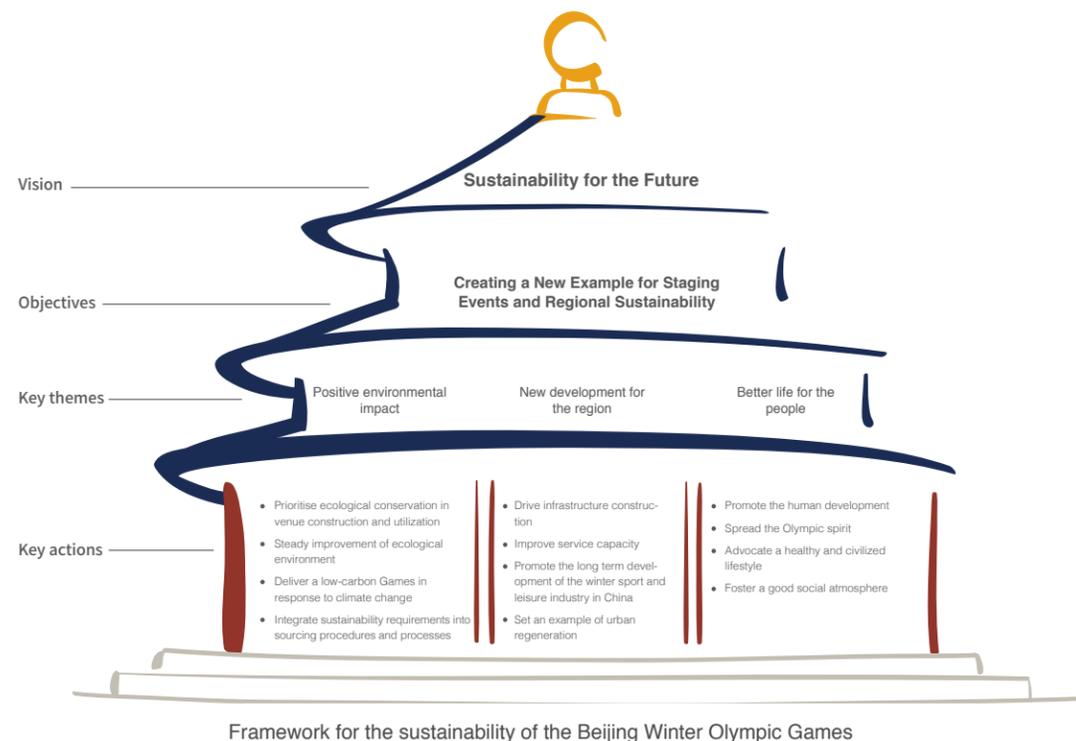
Sustainability for the Future

The Beijing 2022 Games' sustainability vision of **Sustainability for the Future** underlines the vision of using sustainability as a development concept. Its effects will be experienced by future generations just as the Beijing 2022 Games initiate the development of winter sport for the future generations. The Beijing 2022 Games will become a powerful driving force for the sustainable development of the Host City and region. The Beijing 2022 Games will show how positive the hosting of the Olympic and Paralympic Games can be for cities and a region.

Sustainability Objective

Creating a New Example for Staging Events and Regional Sustainability

Since the bidding phase, Beijing 2022 has emphasized that it would use the staging of the 2022 Olympic and Paralympic Winter Games as a powerful driving force for the sustainable development of the Host City and region, and create a model of the positive interaction and mutual promotion between the Olympic Movement and the Host Country. We believe this perfectly embodies our sustainability objective.



Three Key Themes

The three key themes of Beijing 2022 Sustainability Plan embodies President Xi Jinping's "Thoughts on Socialism with Chinese Characteristics for the New Era"¹, stating that we shall "promote harmony between man and nature through accelerated environmental improvement and drive a coordinated regional development to improve people's quality of life".

1. Positive Environmental Impact

We shall give priority to ecological and resource conservation, environmental friendliness, and contribute to a beautiful environment through Games preparations; maximise the use of existing venues and facilities and build new venues according to standards of green buildings; strengthen regional cooperation to improve the environment in the Beijing-Zhangjiakou region; actively respond to climate change and strive to deliver a low-carbon Games; implement sustainable sourcing and promote the development of a low carbon circular economy.

2. New Development for the Region

We shall continue to leverage the strong influence of Games preparations in boosting a coordinated development of the Municipality of Beijing (including Yanqing district) and the Province of Hebei (city of Zhangjiakou), accelerating construction of transport infrastructure; improving public services, urban management and accessibility; developing the winter sports and tourism industries in the Beijing-Zhangjiakou region cultural tourism belt; promoting the commercialisation and implementation of technological achievements, fostering new areas of economic growth, promoting industries to complement and reinforce each other, and injecting new impetus into the long-term development of the region.

3. Better Life for the People

We shall pursue people-centred development, engage the public and share benefits with the population, improve the quality of life for all; provide professional training, adequately relocate residents, alleviate local poverty, improve social development through the Games preparations; carry forward the Olympic and Paralympic spirit, promote winter sports, advocate a positive, healthy and civilized lifestyle, and enhance the population's well-being and sense of happiness; promote Chinese culture, foster a good social atmosphere, and enhance social civility.

¹ Sustainability at the heart of the Nation's strategy : "Promote harmony between man and nature through accelerated environmental improvement and drive a coordinated regional development to improve people's quality of life".



Key Theme 1: Positive Environmental Impact

General information

The development of Winter sports is closely related to the natural environment. The selection, the planning, the construction and the operation of winter sports venues will, in some cases, have an impact on the natural environment. Beijing 2022 is aware of this and has been striving for coordination and balance between Games preparations and respect of the natural environment. In partnership with the governments of Beijing and Zhangjiakou, Beijing 2022 has been working hard to exert a positive impact on the ecological environment of Beijing and the Province of Hebei through efforts such as the use of existing and temporary venues, actions against desertification and water & air pollution, and promoting low-carbon management and sustainable sourcing.

This first key theme of **Positive Environmental Impact** is comprised of **4 actions, 17 tasks and 62 measures**.

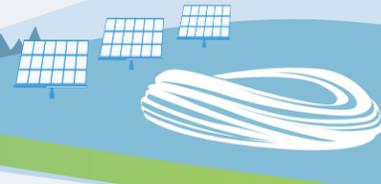
- Measures 1, 3, 15, 19, 20, 29-32, 41, 43, 46-48 and 51-62 are directly implemented by the Beijing 2022 Organising Committee for the Olympic Games (Beijing 2022);
- Measures 2, 4-14, 16-18, 49 and 50 will be jointly implemented by Beijing 2022, the governments of Beijing and the Province of Hebei;
- Measures 21-28, 33-40, 42, 44 and 45 are not directly associated with the Beijing 2022 Games but will be accelerated through Games preparations. Their implementation is advanced by government departments in Beijing Municipality, Hebei Province and Zhangjiakou City and other relevant organisations.



Areas of action

Areas of Action	Main Measures
Venues	<ul style="list-style-type: none"> ● Make use of existing venues and temporary infrastructure ● Newly-built indoor venues to meet the 3-star standards of green buildings; newly-built snow sport venues to comply with the Evaluation Standards for Green Snow Sport Venues; existing venues strive to meet the 2-star standards of green buildings after energy efficiency upgrade. ● Carry out environmental impact assessments, implement specific environmental protection measures for avoidance, mitigation, reconstruction and compensation, and protect the animals and plants in the competition zones.
Ecology	<ul style="list-style-type: none"> ● Implement strict water resources control measures ● Implement governance measures to improve the quality of the surrounding water body and atmospheric environment ● Make sure that the Games-time air quality meets World Health Organization standards¹.
Low-carbon	<ul style="list-style-type: none"> ● Build the world's first flexible DC power grid ● Make sure that conventional electricity consumption of the venues are provided 100% by renewable energy ● Use CO₂ refrigerants on ice venues ● Compensate the carbon emissions of the Games.
Sustainable procurement	<ul style="list-style-type: none"> ● Integrate the concept and requirements of sustainability into the Beijing 2022 procurement process

¹ World Health Organization (WHO) Interim target-1



Key Theme 2: New Development for the Region

General information

Just as the Beijing 2008 Games remarkably accelerated the development of Beijing, it is hoped that the Beijing 2022 Games will be an important catalyst for Beijing and its surrounding area, and that it will not only improve the quality of regional environment but also increase regional economy and strengthen the development of the cities. It is for these important objectives that Beijing and Zhangjiakou agreed to host the Beijing 2022 Games. The relevant state departments and local governments of Beijing and Zhangjiakou included the Beijing 2022 Games as an integral element of their 13th Five-Year Plan (2016-2020) and are using the Games preparations phase to build and improve urban infrastructure, public transport and service capacities.

The second key theme of **New Development for the Region** comprises **4 actions, 10 tasks and 23 measures**.

- Measures 57, 69 and 70 are implemented by Beijing 2022;
- All the other measures are not directly associated with the Beijing 2022 Games but will be accelerated through Games preparations. Their implementation is the responsibility of the Beijing Municipality, Hebei Province, Zhangjiakou City and other relevant organisations.

Areas of action

Areas of Action	Main Measures
Infrastructure	<ul style="list-style-type: none"> ● Build an inter-city transport network composed of one high-speed railway and several trunk lines to facilitate transport connectivity ● Improve public utilities and accessible facilities
Services	<ul style="list-style-type: none"> ● Strengthen Beijing-Zhangjiakou cooperation in areas such as medical services, health-care and education ● Improve their public services capacity to generate more benefits for more people
Industrial development	<p>Foster new areas for growth, including:</p> <ul style="list-style-type: none"> ● Boost the development, transformation and upgrading of China's winter industry ● Advance the construction of the Beijing-Zhangjiakou sports, cultural and tourism belt
Urban regeneration	<p>Inject new momentum into the sustainable development of the region, including:</p> <ul style="list-style-type: none"> ● Accelerate the construction and development of Shougang Park ● Support Yanqing to develop an industrial cluster of winter sports and leisure activities ● Engage Zhangjiakou into more international exchanges

Key Theme 3: Better Life for the People

General information

"Building a better world through sport" is the objective of the Olympic Movement. With that in mind, the Beijing 2022 Games aims at inspiring and motivating people to participate in and enjoy winter sports in China and enhancing the healthy development of people and public health through physical activity.

Beijing 2022 will invite stakeholders and high-calibre international talents to participate in a wide range of efforts and actions to promote Olympic education among the youths, popularise winter sports, launch fitness-for-all campaigns, advocate a green and low-carbon lifestyle and volunteerism, create a positive social atmosphere and strengthen cultural exchanges. Beijing 2022 will also work with relevant government departments in Beijing and Zhangjiakou and other sectors of the society to ensure the Games have a positive impact on everyone's life.

The third key theme of **Better Life for the People** is comprised of **4 actions, 10 tasks and 31 measures**.

- Measures 88-90 and 105-108 are implemented by Beijing 2022;
- Measures 94, 103, 104, and 111-118 are jointly implemented by Beijing 2022 and relevant government agencies;
- Measures 91-93, 95-102, and 109-111 are not directly associated with the Beijing 2022 Games but will be accelerated through Games preparations. The implementation is the responsibility of the Beijing Municipality, Hebei Province, Zhangjiakou City and other relevant organisations.

Areas of action

Areas of Action	Main Measures
Promote human development	<ul style="list-style-type: none"> ● Implement special plans and build a professional and international team to serve the Games and the development of winter sports post-Games ● Properly resettle the relocated residents from the competition zones, create job opportunities and work towards increasing revenue levels of the low-income population
Olympic education	<ul style="list-style-type: none"> ● Integrate Olympic education into school program, establish a number of Model Schools and winter sports management centers to enhance young people's understanding, supporting and engagement in the Olympic Movement
Public engagement	<ul style="list-style-type: none"> ● Popularise winter sports, promote fitness-for-all activities, and advocate healthy and active lifestyles
Cultivate a positive atmosphere	<ul style="list-style-type: none"> ● Build a volunteers team, embody the spirit of volunteering, promote the culture of Winter Olympic culture as well as traditional Chinese culture, carry out exchanges and mutual learning with other cultures of the world, and create a positive atmosphere that motivates others to volunteer



Sustainability for the Future

Creating a New Example for Staging Events and Regional Sustainability

3 themes
12 actions
37 tasks
119 measures

Make use of existing venues and strive for them to meet the 2-star standards of Green Building after energy efficiency upgrade

Make sure that conventional electricity consumption of the venues are provided 100% by renewable energy

Actively respond to climate change and neutralise the carbon emissions of the Beijing 2022

Promote the transformation and application of scientific and technological achievements and help build smart cities

Facilitate transport connectivity and improve public utilities and accessible facilities.

Protect the ecological environment of the competition zones

Newly-built indoor venues to meet the 3-star standards of green buildings

Implement waste reduction

Accelerate the construction and development of Shougang Park

Promote the culture of Winter Olympic culture as well as traditional Chinese culture, carry out exchanges and mutual learning with other cultures of the world

Advance the construction of the Beijing-Zhangjiakou sports, cultural and tourism belt

Newly-built snow sport venues to comply with the Evaluation Standards for Green Snow Sport Venues

Positive Environmental Impact

Contribute to a beautiful environment through Games preparations

New Development for the Region

Injecte new impetus into the long-term development of the region

Better Life for the People

Engage the public and share the benefits with the population

Enhance young people's understanding, supporting and engagement in the Olympic Movement

Explore new means of cooperation in the ecological protection field and strengthen their existing cooperation in pollution prevention and control, in particular targeting air, sandstorm and water pollution

Popularise winter sports, promote fitness-for-all activities

Create a positive atmosphere that motivates others to volunteer

Part III: Actions and Measures



1. Positive Environmental Impact



Action 1 **Prioritise ecological conservation in venue construction and utilisation**

Throughout the entire process of venue planning, construction, operation and post-Games utilisation, Beijing 2022 will make maximum use of existing venues and facilities, following Evaluation Standards for Green Building, prioritise ecological conservation, control water utilisation, monitor sewage treatment and reduce waste.

Task 1: Make full use of existing venues and temporary infrastructure

Measure 1

The Beijing 2022 Headquarter is situated in the renovated facilities of Shougang Park in the northwest of Beijing. Shougang was one of China's largest iron and steel production facility. With the 2008 Olympic and Paralympic Games in Beijing as one of the important motivations, Shougang's activity was relocated in 2005 to reduce pollution. The site illustrates how the rehabilitation of an old industrial site can reduce impacts on resources and the environment. Shougang's transformation will continue in order to meet Beijing 2022's growing need for office space. In the long term, the objective is to create a sports leisure location with a post-industrial feel and style at the edge of Beijing city.

Measure 2

The Beijing 2022 Games will maximise the use of existing sports venues and facilities. In Beijing zone, the legacies from Beijing 2008 will be full used, In Zhangjiakou competition zone, the existing skiing courses of Genting Snow Park will be used as one of the competition venues and the existing Zhangjiakou Genting Hotel will be transformed into Zhangjiakou Mountain Press Centre during Games-time.

Energy-saving and eco-friendly technologies and products will be applied in venue construction and renovation, and focus will be given to energy conservation, low-carbon energy, solid waste and waste-water treatment.

Measure 3

The Beijing 2022 Games will use temporary infrastructure where possible and appropriate. This infrastructure will be built using energy-efficient and green technologies as well as renewable and recyclable materials.





Task 2: Protect the ecological environment of the competition zones

Measure 4

Environmental Impact Assessment (EIA) has been conducted on the venues in Beijing, Yanqing and Zhangjiakou in accordance with Chinese laws and regulations.

Measure 5

In line with the above EIA requirements, Yanqing and Zhangjiakou have developed responsibility matrix tables to monitor the implementation of the specific measures¹ (54 measures for Yanqing and 44 for Zhangjiakou) regarding avoidance, mitigation, reconstruction and compensation. The measures are attributed to specific government departments. Beijing 2022 supervises their implementation in collaboration with the relevant government departments of Beijing and Hebei to ensure they are respected and well implemented.

Measure 6

Conduct comprehensive background surveys of the forest ecosystem, understand the distribution and movements of wildlife in targeted areas, study the situation of current ecological resources, supervise planning, design and construction, and formulate and organise the implementation of the ecological environment monitoring scheme for competition zones.

Measure 7

Develop a management plan for ecological environment protection and a technical plan for wildlife protection during the organisation and operations of the Beijing 2022 Games. Protect wild animals and their habitats in and around the competition zones, with special protection on rare plants, establish ecological monitoring stations in Yanqing competition zone, increase existing ecosystem monitoring processes, and protect natural habitats and biodiversity.

Measure 8

Implement ecological protection requirements by means of avoidance, mitigation, reconstruction and compensation. Balance earthwork filling and excavation, avoid excessive human activities, and reduce ecological interference; venue construction must be carried out synchronously with ecological restoration, and the mountainous topsoil shall be stored and used for regional ecological restoration; construct small ecological protection zones and wildlife passages and create areas for tree transplanting.

Measure 9

Monitor soil and water conservation during venue construction, implement and monitor pollution prevention and control efforts, and ensure that relevant measures and rectifications are well implemented.

Measure 10

Conduct water resource (influence) assessments for venue construction.

Measure 11

Formulate and implement the defined water resources protection plan, protect regional water resources' carrying capacity, Zhangjiakou and Yanqing must develop snow sports in an orderly and moderate manner and keep winter sport facilities within a proper scale.

Measure 12

Implement the water supply plan for snow-making and the snow management plan. Continue to refine the amount of artificial snow and water demand, cap water consumption, strengthen water recycling, improve water efficiency and promote the use of high-efficiency water-saving equipment. Apply water-saving equipment as well as precipitation collection and recycling system to new venues.

Measure 13

In the course of venue design and construction, combine measures such as prevention and control, pollution monitoring and emergency response, and monitor the process of pollutant generation, infiltration, diffusion and emergency response to protect both regional surface water and groundwater.

Measure 14

Develop and implement effective sewage treatment and reuse plans for the competition zones and venues. All the sewage from the competition will enter the sewage treatment plant for centralized treatment and recycling.

¹ Responsibility Matrix of Environmental Protection Measures for the Environmental Impact Report on the Master Plan for Yanqing Competition Zone of the Beijing 2022 Games and Responsibility Matrix of Environmental Protection Measures for Zhangjiakou Competition Zone of the Beijing 2022 Games.



Beijing 2022 Olympic and Paralympic Winter Games Sustainability Plan



Task 3: Construct sustainable venues

Measure 15

Develop sustainability criteria for the planning, construction and operation of the Games venues according to current national laws and regulations regarding energy, environment, construction and resources.

Measure 16

Promote the evaluation of green building standards and ensure that new venues conform to the 3-star standard of the *Assessment Standard for Green Building of China* while renovated venues strive to reach the 2-star standard.

Measure 17

Given that there is no international green evaluation standard for outdoor snow sports venues, in order to promote the development of green snow sports venues, the City of Beijing innovatively organised a team to formulate the *Evaluation Standard for Green Snow Sports Venues (DB11/T 1606-2018)*. All the new snow sport venues for the Beijing 2022 Games must meet the requirements of this new standard.

Measure 18

Supervise, inspect and monitor the implementation of the green building standards criteria.

Task 4: Reduce waste

Measure 19

Develop and implement a waste management work plan, create a solid waste management model for the Beijing 2022 Games, and promote demonstrations in a wider range.

Measure 20

Collect, sort and recycle waste throughout the Beijing 2022 Games' preparations and operations. Establish solid waste collection systems, including collection facilities, transfer stations, etc. Recycle and reuse plastic waste; recycle kitchen waste for composting.

Measure 21

Request partners, sponsors, contractors, suppliers and concessionaires to minimize the use of their packaging materials. The use of packaging materials should consider waste sorting and recycling issues. The use of reusable materials for packaging will be requested where possible.



Action 2

Steady Improvement of Ecological Environment

Beijing and Hebei will use the Beijing 2022 Games as an opportunity to explore new means of cooperation in the ecological protection field and will strengthen their existing cooperation in pollution prevention and control, in particular targeting air, sandstorm and water pollution.

Beijing 2022 Games will be the occasion to develop the Zhangjiakou and Yanqing regions as national pilot zones for ecological conservation and to improve the quality of general ecological environment in the region.

Task 5: Air pollution prevention and control

Measure 22

Implement *Air Pollution Prevention and Control Action Plan*, employ technologies to develop and improve the urban air quality management system.

Measure 23

Under the unified leadership of the State, carry out joint prevention and control of air pollution in relevant regions to assure air quality during the Games time.

Task 6: Sandstorm control

Measure 24

Beijing and Zhangjiakou will create a green barrier through important afforestation. Beijing will implement the second phase of the Beijing and Tianjin wind and sand source control project and a new round of afforestation project covering millions of acres of land, and will improve the maintenance of its existing forests. Zhangjiakou will plant trees around the competition zones to make sure the areas covered by forests are larger than those occupied by the venues.

Measure 25

Formulate and implement a supporting plan for ecological protection and carry out restoration projects in the vicinity of the venues; for example, create a forest park around the Yanqing Competition Zone and conduct ecological restoration of outdoor venues and the surrounding areas.





Beijing 2022 Olympic and Paralympic Winter Games Sustainability Plan



Task 7: Water source protection and pollution control

Measure 26

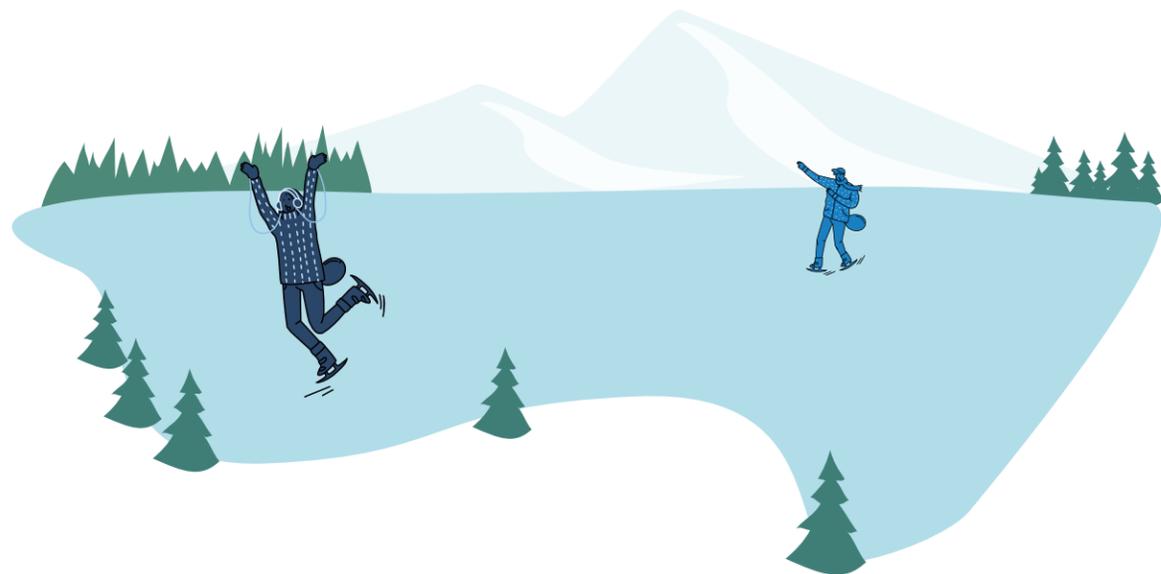
Develop and implement water pollution treatment action plans and programmes.

Measure 27

Advance a green and ecological corridor development project.

Measure 28

Build green corridors and carry out the cooperative project of forestation in the Bashang Grassland of Zhangjiakou and Chengde, Hebei Province.



Action 3

Deliver a Low-carbon Games to Address Climate Change

This action encompasses the fulfilment of our commitments in the Beijing 2022 Candidature File that all carbon emissions generated by the Beijing 2022 Games will be neutralised and that efforts shall be made to implement market-oriented carbon emission reduction mechanisms such as carbon emissions trading and establish the carbon emissions assessment and management mechanism for the Games to reduce carbon emissions from the source of production.

Task 8: Perform low-carbon management

Measure 29

Develop and implement the *Beijing 2022 Olympic and Paralympic Winter Games Carbon Management Plan*¹.

Measure 30

Establish a mechanism to monitor the progress of carbon emission reductions and carbon neutralization measures.

Measure 31

Regularly release carbon emission and assessment reports.

Task 9: Promote low-carbon energy use

Measure 32

Develop and implement a Beijing 2022 Games clean energy utilisation working plan.

Measure 33

Construct the world's first flexible DC power grid with ±500 kV four-terminal ring structure to safely and efficiently transport renewable energy to the Beijing zone. This provides substantial support for Beijing to achieve a renewable energy share of 10% by 2022.

Measure 34

Beijing 2022 Games will use solar and wind power, through the Games competition zones. Cross-zone green electricity trading mechanism and will be set up the conventional power consumption needs of the venues will be met with 100% renewable energy².

¹ The Olympic and Paralympic Winter Games Beijing 2022 Carbon Management Plan was published on 23 June 2019. <https://www.beijing2022.cn/a/20190624/003353.htm>

² The project will use the technology of DC grid and large-capacity flexible DC equipment to enable the controllable and large-capacity transmission of electrical energy generated from renewable energy generation, and to achieve the complementation and integration of multiple forms of energy (such as wind, solar, pumped storage, electrical energy, etc) and the flexible deployment.





Task 10: Advance low-carbon venue construction

Measure 35

Adapt to local conditions and make full use of local geothermal and waste heat in Beijing, Yanqing and Zhangjiakou competition zones; and build ultra-low-energy building.

Measure 36

Promote venue renovation where appropriate, or low-carbon and energy-saving construction, and ensure that venues meet national low-carbon, energy-saving and water-saving standards.

Measure 37

Promote low-carbon procurement, the recycling of building materials and prioritise products listed in national and local green building material and low-carbon product catalogues and products with energy conservation certification. Temporary venues and overlay infrastructure will use, as much as possible, renewable/ recyclable materials.

Measure 38

Promote intelligent management of energy consumption and carbon emissions in venue operations. The newly-built venues in the Beijing, Yanqing and Zhangjiakou zones must, in accordance with relevant government requirements, include an energy control centre.

Measure 39

Select high-efficiency snow-making equipment and rationally control snow-making quantities; design the ice-rink refrigeration systems to ensure maximum energy conservation and high heat recovery performance. Conform to the *Montreal Protocol on Substances that Deplete the Ozone Layer*¹, together with national regulations regarding the use of carbon dioxide as refrigerants at appropriate venues.

Task 11: Build a low-carbon transport system

Measure 40

Make full use of high-speed railway for transport between competition zones. Encourage spectators to travel between Beijing, Yanqing and Zhangjiakou by railway during Games-time.

Measure 41

Utilise existing intelligent transport systems and management measures between Beijing and Hebei. Share Games-time transport and city traffic data, improve the urban public transport scheduling system and the intelligent management of taxis and public buses. Integrate traffic and weather information, improve the traffic information inquiry system available on-line and on mobile terminals. Provide traffic information services for spectators through advanced traffic information technologies (that analyse and assess the movement of people and vehicles in realtime). Optimise the monitoring, command, and dispatching platform of the urban traffic operation system by improving its intelligence level. Comprehensive consideration is given to the construction of hardware and software facilities and data sharing mechanism to realise the sustainable goals of the urban traffic services during and after the Games. During the Games time, implement urban traffic management measures in Beijing and Zhangjiakou to reduce motor vehicle usage.

Measure 42

When possible, the Games fleet will be fuelled by renewable energy, and the use of hydrogen vehicles will be encouraged. Hydrogen stations will be installed in the competition zones to meet the operating needs of the hydrogen vehicles. New energy vehicles or vehicles meeting *national VI-b emission standards* will be used for logistics across the competition zones.

Measure 43

Advocate low-carbon spectator behaviour by encouraging spectators to use low-carbon transport, purchase electronic tickets, choose home-stay accommodation and recycle materials.

Measure 44

Beijing and Zhangjiakou vigorously promote green and low-carbon travel modes by advocating the "3-5-10" low-carbon travel mode: walking for distances within a 3 km radius, biking within 5 km, and using low-carbon transport within 10 km. "3-5-10" low-carbon travel mode already accounts for 75% of the population's travel modes in Beijing and Yanqing district and over 60% for the population in the urban area of Zhangjiakou.

Measure 45

Vigorously develop public transportation and use new energy vehicles, optimize urban traffic management systems, improve transportation fuel efficiency, and reduce carbon emissions during transport process.

Measure 46

Use low-carbon engineering technology in the construction of transport facilities.

¹ Link of the document - <https://www.state.gov/key-topics-office-of-environmental-quality-and-transboundary-issues/the-montreal-protocol-on-substances-that-deplete-the-ozone-layer/>



Little knowledge

Task 12: Low-carbon Beijing 2022 office areas

Measure 47

The Beijing 2022 headquarter utilises photothermal¹ technology and solar water heaters to replace existing gas-fired ones in the dining halls and the office buildings. Energy efficiency label system² is strictly implemented.

Measure 48

Beijing 2022 will implement low-carbon office measures to reduce electricity and water usage, advocate the use of video conferencing and other measures to reduce carbon emissions from travels.

Measure 49

Advocate public transport and carpooling among Beijing 2022 staff; designate a "No-Driving" day per week (staff are recommended not to drive on a designated day each week); purchase state-certified voluntary emission reductions to offset the carbon footprint of Beijing 2022's travel.

¹ Photothermal effect is a phenomenon associated with electromagnetic radiation. It is produced by the photoexcitation of material, resulting in the production of thermal energy (heat).

² The Chinese energy efficiency label provides consumers with the necessary information to help them select high-efficiency and energy-saving products. Energy efficiency in China is rated from 1 to 5, Level 1 being the most energy efficient in line with advanced international levels and level 5 indicating market entry (products not meeting this standard are not permitted to be produced and/ or sole).

Task 13: Initiate compensation measures for carbon emissions

Measure 50

Establish a compensation mechanism based on forestry carbon sinks for carbon emissions. Create 25,333 ha. of forest cover in Beijing and donate the sequestered carbon generated during the 2018 to 2021 period to Beijing 2022; create 33,333 ha. forest cover in Zhangjiakou and donate the sequestered carbon generated during the 2016 to 2021 period to Beijing 2022.

Measure 51

Encourage partner companies to donate their carbon emission quotas and state-certified voluntary emission reductions to Beijing 2022 to offset its residual carbon emissions.

Measure 52

Actively advocate for a low-carbon lifestyle within society, promote low-carbon incentives for citizens¹, create a voluntary carbon emission reduction trading platform for citizens, and support the donation of carbon emission reductions certified by the state authorities of Beijing and Hebei.

Measure 53

Organise activities such as tree planting for all stakeholders, and create an international friendly forest.

¹ This is an incentive mechanism created to encourage citizens and small and micro-enterprises to honour the energy-saving and carbon-reducing action.





Action 4

Integrate Sustainability Requirements into Sourcing Procedures and Processes

Beijing 2022 has developed a *Sustainable Sourcing Guide* to assist its staff, suppliers and partners to comply with its sourcing requirements.

Task 14: Develop rules for sustainable sourcing

Measure 54

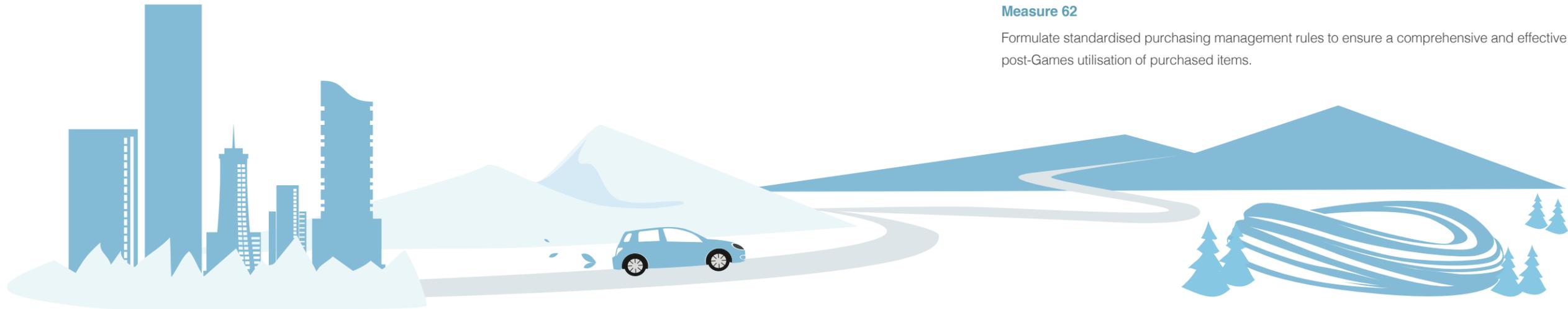
Formulate the Beijing 2022 Games *Sustainable Sourcing Guide* to assist its workforce in venue construction and operation units, licensing enterprises and contractors to comply with the sustainable sourcing process.

Measure 55

Compile Sustainable Sourcing codes by which the sourcing of its products and services will be carried out with environmental, social and ethical issues in mind. Through this approach, use its influence to promote higher levels of environmental and social responsibility across its value chain.

Measure 56

Formulate technical criteria for the sustainable sourcing of the different products and service categories required.



Task 15: Sustainable sourcing implementation

Measure 57

Provide its suppliers with necessary assistance and guidance on its sustainable sourcing requirements.

Measure 58

Beijing 2022's sustainability team will involve in the whole procurement and sourcing process by specifying the sustainable requirements and standards of each procurement project and monitoring adherence to its sustainability requirements of major procurement projects.

Measure 59

The Beijing 2022 Games venues owners shall implement the sustainable sourcing requirements at all links of procurement, and conduct training and performance evaluation, with focus on whether the products they procured are energy-saving, and environmentally friendly.

Task 16: Supervise and evaluate sustainable sourcing

Measure 60

Establish and implement a supervision mechanism for sustainable sourcing, based on existing national laws and regulations, ensure information on the major procurement purchases are available to the public, and accept the supervision of public and third-party organisations.

Measure 61

Conduct a social impact assessment of its sustainable sourcing and produce a social impact assessment report.

Task 17: Post-Games facilities and equipments utilisation

Measure 62

Formulate standardised purchasing management rules to ensure a comprehensive and effective post-Games utilisation of purchased items.



Part III: Actions and Measures



2. New Development for the Region



Action 5 Accelerate Infrastructure Construction

Whilst building competition venues and support facilities for the Beijing 2022 Games in the competition zones of Beijing, Yanqing and Zhangjiakou, accelerate the upgrading of transport infrastructure, water conservation facilities, municipal amenities, and improve the cities' accessibility¹.

Task 18: Improve the transport network in Beijing-Zhangjiakou Region

Measure 63

Accelerate the construction of the Beijing-Zhangjiakou High-speed railway, improve and enhance the inter-city transport network, and promote the Beijing-Zhangjiakou region transport connectivity.

Measure 64

Accelerate construction of the public transport system, improve road facilities and public transport facilities, increase the density of the rail traffic network, optimise the public transport lines and improve intelligent transport management.

Task 19: Enhance accessibility

Measure 65

Compile and implement the *Beijing 2022 Accessibility Guide* and use the Beijing 2022 Games as an opportunity to significantly improve the coordination mechanism of the city accessibility work.

Measure 66

Improve the accessibility of urban amenities, public information, public transport, social environment and services, establish the standards for accessible facilities, develop more systematic accessible facilities, and increase accessible services in order to facilitate and improve the lives of people with disabilities.



¹ A Barrier Free Environment is one which enables people with disabilities to move about safely and freely and to use the facilities within the built environment.



Action 6 Improve Service Efficiency

In the cities of Beijing and Zhangjiakou, public services and urban management mechanism will be optimised and upgraded. Cooperation between the two cities in the education and medical fields will be developed to improve service capacity and the overall well-being of the people.

Task 20: Improve city management

Measure 67

Seek institutional innovations, develop polycentric governance, improve intelligent service management systems, refine and standardise city management, and create a clean and orderly, convenient and comfortable urban environment.

Measure 68

Optimise and upgrade city management capacity in Beijing and Zhangjiakou and enhance both cities' competitiveness and international influence, continue to relocate administrative bodies in the outskirts of the city, strengthen urban regeneration and ecological restoration.

Task 21: Improve public services capacity

Measure 69

Develop and coordinate cooperation between Beijing and Zhangjiakou in the public health sector by launching joint training for medical personnel, sharing quality medical resources, and building or renovating public health infrastructures.

Measure 70

Strengthen cooperation between Beijing and Zhangjiakou in education by providing people with training opportunities in event management, project management, tourism and translation so as to build a talent pool for Games-time and post-Games operations.



Action 7 Promote the Long Term Development of the Winter Sport and Leisure Industry in China

Promote the development, transformation and upgrade of China's winter sports industry through the Beijing 2022 Games preparations, create the Beijing-Zhangjiakou sports, cultural and tourism belt, promote the commercialisation and utilisation of new technological innovation, and cultivate new areas of economic growth.

Task 22: Promote the development of a winter sports industry in China

Measure 71

Create a brand strategy, promote the creation of winter sports industry clusters, develop winter sports enterprises with visibility, influence and strong market competitiveness. Develop winter sports tourism locations and sports centres. Organise the international winter sports industry expo and share the opportunities created by the development of winter sports industry in China with expo participants.

Measure 72

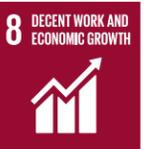
Optimise the structure of winter sports industry. Accelerate the development of winter fitness and leisure industry. Promote the winter tourism industry. Integrate the winter sports industry with other industries to provide diversified products and services. Vigorously develop the winter equipment manufacturing industry through a detailed action plan, and integrate the demands and resources of the upstream and downstream of the supply chain.

Measure 73

Expand the winter sport competition market. Apply for hosting national and international winter sports events. Support social forces¹ to develop Figure Skating, Ice Hockey, Curling, Snowboarding and Short Track Speed Skating events and other winter sports with strong public appeal. Support the application of ultra-high-definition video and virtual reality technologies in the live broadcast and retransmission of winter sports events and drive the development of related industries.

Measure 74

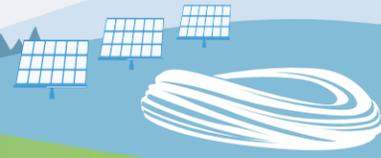
Expand ice and snow industries for the population to discover and practise ice and snow sports and develop the consumption of ice and snow related products.



¹ Social forces refer to non-governmental organisations registered in civil affairs departments or those exempted from registration as approved by the State Council, as well as enterprises and institutions registered in industrial and commercial management departments or competent administrative departments.



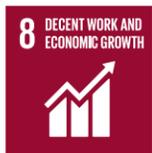
Beijing 2022 Olympic and Paralympic Winter Games Sustainability Plan



Task 23: Create the Beijing-Zhangjiakou sports, cultural and tourism belt

Measure 75

Use the Beijing 2022 Games venues to leverage local cultural tourism resources, develop and expand sports culture, tourism & leisure, convention & exhibition, and promote the development of the Beijing-Zhangjiakou sports, cultural and tourism belt.



Measure 76

Develop the tourism development plan and improve and upgrade infrastructure accordingly. Implement the winter tourism development plan of Zhangjiakou and promote high-quality development of tourism to help Zhangjiakou eradicate poverty.



Measure 77

Cultivate advanced service equipment and management team for the Beijing-Zhangjiakou region and strengthen existing training services provided to the local service industry with the aim of improving catering and accommodation services.



Task 24: Promote the application of technological achievements

Measure 78

Implement the High-Tech-Based Olympics Action Plan, promote intelligent Games operations and management, carry out research on Games-related technology, implement scientific and technological projects related to the Winter Olympic Games, integrate and apply research achievements, and demonstrate cutting-edge technologies, all to blend Beijing 2022 Games' innovations with industrial development.

Measure 79

Actively apply advanced technologies such as information technology, artificial intelligence and big data to improve efficiency of the Games operations.

Measure 80

Promote the development of smart cities and 5G to create an open, shared and securely integrated urban communication environment.

Action 8

Set an Example of Urban Regeneration

Align the Games preparations with the urban planning of Beijing and Zhangjiakou and inject new economic impetus into the long-term sustainability of the Yanqing district (in Beijing) and Zhangjiakou city.

Task 25: Drive the transformation and development of Shougang

Measure 81

Implement policy documents such as the *Action Plan for Speeding up the Development of Shougang Park and Building a New Landmark of Urban Regeneration in the Capital of the New Era (2019-2021)* to create a new landmark that embodies the high-quality development of the new era, the advanced concept of urban governance, and the cultural confidence of the capital city. Build a benchmark project of urban regeneration based on functional reconstruction and strive to revive the culture, industries, ecology, and vitality of a super urban centre. Beijing 2022 will pool resources to attract official Olympic partners, international sports organizations, major events organizers, national sports resources, and major sports enterprises to Shougang. Shougang group will take the entry of Beijing 2022 as an opportunity to accelerate the construction of the national sports industry demonstration zone, the competition venue for Big Air (Big Air Shougang), the national training bases for winter sports, and other facilities for winter Olympics, in order to facilitate the development of the "sports +" industry cluster.

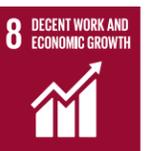
Task 26: Build the winter sports and leisure industry cluster in Beijing, Yanqing District

Measure 82

Conduct high-level planning and construction of the National Alpine Skiing Centre and National Sliding Centre, and plan their post-Games utilisation in advance.

Measure 83

Actively apply for hosting major international and domestic winter sports events, attract winter sports organisations and media from home and abroad, train workforce for international major sports events, and build a world-class winter sports cultural exchange centre.





Part III: Actions and Measures

3. Better Life for the People

Measure 84

Accelerate the development of an ice sports training base in Beijing and build high-end ice and snow sports venues.

Measure 85

Accelerate the upgrade and renovation of the Xidazhuangke Village and the construction of the training and warm-up tracks in its south district. Promote the joint development with Yanqing zone to build an integrated winter sports resort.

Task 27: Facilitate the development of Zhangjiakou into an international city open to the world

Measure 86

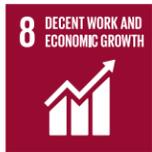
Focus on Zero-Emission Energy Supply, Green Travel, 5G Sharing, and Smart Games-Watching by Zhangjiakou city to enhance its public service capacity and promote its development.

Measure 87

Create a comprehensive winter industry ranging from research & development, manufacturing of sport equipment, workforce training and development of cultural services.

Measure 88

During planning phase of the Games, Zhangjiakou will encourage exchanges and international cooperation in foreign investment and technology. Good initial progress in the attraction of foreign investment and introduction of technologies has already been achieved.





Action 9 Promote Human Development

Adhere to the people-oriented principle, offer personnel training, create jobs and business opportunities for local residents, alleviate local poverty, and align the Beijing 2022 Games with regional human development.

Task 28: Capacity building for the Beijing 2022 workforce and volunteers

Measure 89

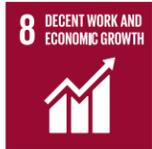
Formulate and implement the *Beijing 2022 Talents Actions Scheme* which is comprised of seven special programs i.e.: international talent identification and recruitment, workforce selection and enrollment, competition management talents recruitment, technology talents training, development of talents specialised in sports, Volunteer program, and contractor talents training.

Measure 90

Through outbound exchanges, integrate learning and training resources, establish a training system to provide staff and volunteers with the skills needed to do their jobs and improve their systematic thinking and professional competency.

Measure 91

Compile teaching materials on sports preparations and management for Beijing 2022's staff and volunteers and produce promotional videos on the sport disciplines of the Beijing 2022 Games.



Task 29: Improve the living conditions of residents around the competition zones

Measure 92

In the process of relocation and resettlement, fully respect the will of the people involved, protect their lawful rights and interests and compensate them according to state policies.

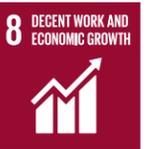
Measure 93

Formulate an employment plan for relocated residents in Zhangjiakou and Yanqing competition zones, provide appropriate employment training to relocated residents so they can benefit from the development of the winter sports industries, give priority to relocated residents to help them find long term employment with steady and decent incomes, and enjoy improved living standards.

Task 30: Increase employment opportunities for low-income residents around the competition zones

Measure 94

Yanqing District and Zhangjiakou City will increase efforts to create a winter sport job market and will provide support to local residents by developing leisure and tourism activities to increase income opportunities.





Action 10 Promote the Olympic Spirit

Promote Olympic education throughout three competition zones, popularise winter sports among the youth, encourage primary and middle school students to participate in winter sports and carry out Olympic education.

Task 31: Education of the youth around the Olympic and Paralympic values

Measure 95

Formulate the *Beijing 2022 Olympic Education Plan* for primary and middle school students and integrate its objectives into regional school education programme. Actively promote Olympic education activities.

Measure 96

Include winter sports into the education curriculum, popularise winter sports and competition related knowledge and field studies, and include Olympic Education in the school education programmes in China.

Measure 97

Launch Olympic education activities in primary and secondary schools by organising student festivals and activities on winter sports, for students in different age groups and guide them to actively participate in the Beijing 2022 Games.

Measure 98

Expand international exchanges between primary and middle school students on Olympic education via exchange programmes, develop awareness on Beijing 2022 and cultivate young children's international perspective and spirit.



Action 11 Advocate for a Healthy Lifestyle

Promote fitness nationwide and advocate for a healthy lifestyle while raising public awareness on sustainability.

Task 32: Popularise winter sports

Measure 99

Improve community winter sports competitions organisation by highlighting and promoting the role of national sports federations, winter sports associations etc.. Provide information details on where and how to organise winter sports practise, increase the number of winter sports instructors and support nongovernmental capitals in setting up winter sports training institutions.

Measure 100

Build winter sports facilities for the general public: increase efforts in building accessible public indoor and outdoor skating rinks, skiing resorts and comprehensive winter sports centres, and taking into consideration the local natural environment, climate conditions, public demand and accessibility. Encourage the use of temporary outdoor winter sports facilities in urban parks when conditions permit and the renovation of existing facilities.

Measure 101

Enrich winter sports activities for the public. Promote winter sports in public institutions, schools, at the work place, in the rural areas and the communities; encourage the development of winter fitness programmes and cultural activities based on local natural resources. Support non-governmental organisations to hold amateur winter sports events for the general public. Make winter sports available around the year in more regions, and strive to realise the Beijing 2022 Games vision of engaging 300 million people in winter sports in China.

Task 33: Promote nationwide fitness campaign

Measure 102

Formulate and implement a nationwide fitness plan to improve the people's physique and health conditions, popularise scientific fitness knowledge and methods, develop mass fitness and leisure activities, vigorously develop popular sports, and make fitness exercise a part of people's daily routine.

Measure 103

Provide fitness activities for people with disabilities, train fitness instructors to support people with disabilities, and provide them with the opportunities to be able to practice and enjoy winter sports.





Beijing 2022 Olympic and Paralympic Winter Games Sustainability Plan



Task 34: Lead low-carbon lifestyle

Measure 104

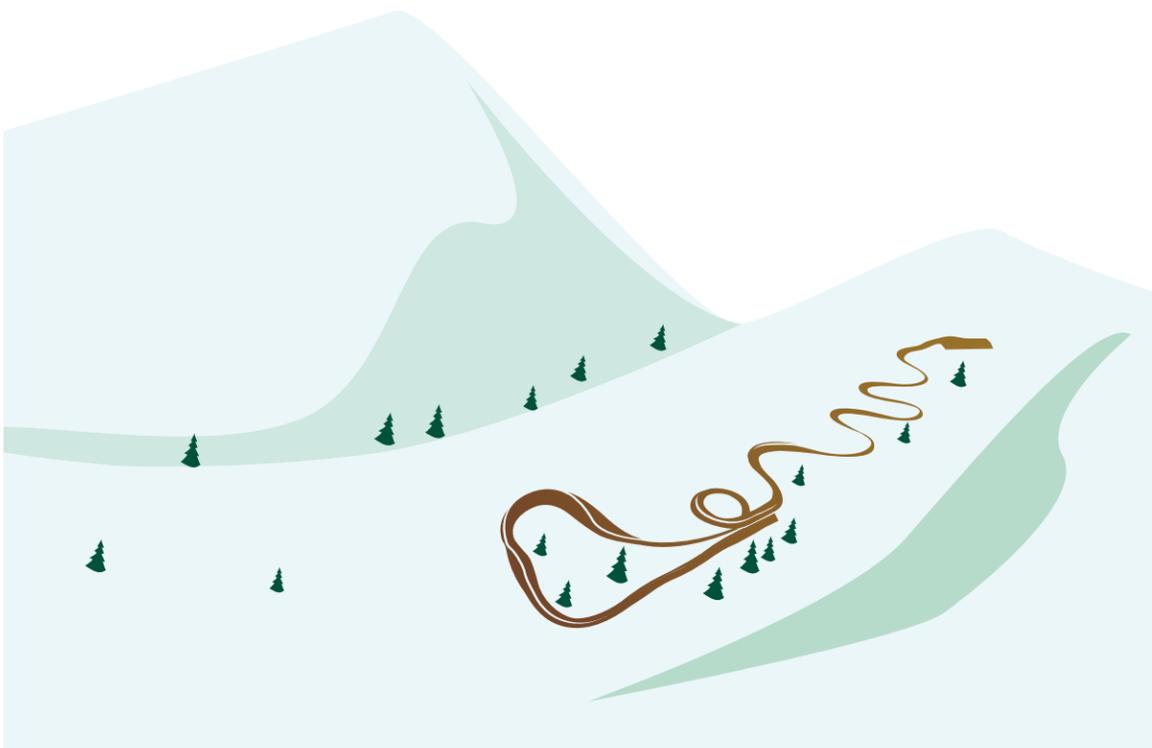
Conduct and implement Green Olympics - Green Home public engagement events and raise public awareness of the benefits of a low-carbon lifestyle.

Measure 105

While preparing for the Games, educate the public on sustainable consumption in everyday life.

Measure 106

Incorporate sustainability elements into the Opening and Closing Ceremony of the Beijing 2022 Games and pre-Games events to share the idea of a balance between people and nature.



Action 12

Foster a Good Social Atmosphere

Use every opportunity and event to engage all different communities, promote social voluntary services, raising public awareness of inclusiveness and sustainable development and create a positive society.

Task 35: Promote a volunteering spirit

Measure 107

Welcome both local and international candidates via a global online volunteer recruitment platform where recruitment announcements will be issued in a timely manner. Organise recruitment in stages and build a high-quality volunteer team for the Beijing 2022 Games.

Measure 108

Conduct job specific training, develop training materials and an online learning platform to help volunteers acquire knowledge quickly and efficiently, and improve their professional and service skills.

Measure 109

Build a volunteer service platform, carry out a series of volunteer service activities oriented to public welfare that features sports and culture.

Task 36: Raise public awareness of inclusiveness

Measure 110

Conduct training on diversity, inclusion and accessibility to insure key service industries' staff provide adequate and respectful services during the Games.

Measure 111

Conduct inclusiveness-themed activities through media channels to raise public awareness on "respect and equality", guide society to value accessibility and integrate the concepts of equality, integration and inclusion into daily life.

Measure 112

Advocate for a humanitarian spirit across society, inspire more people with disabilities to engage in sports, and encourage them to realise their own value.





Task 37: Strengthen cultural exchanges

Measure 113

Leverage the activities of the Beijing 2022 Games such as the unveiling of the emblem, mascot, torch, medals, sports pictograms and the countdown celebrations to the Games to engage and exchange with people and create a cultural atmosphere specific to the Games.

Measure 114

Celebrate traditional Chinese festivals such as the Spring Festival, the Lantern Festival and winter festivals themed Winter Begins, Light Snow, Heavy Snow and Winter Solstice; display intangible cultural heritage through folklore festivals, classics reading and cultural entertainment.

Measure 115

Hold activities such as the China Great Wall International Photography Week, the Great Wall Symphony Concert and the Great Wall Cultural Forum; promote the development of traditional spirit of peace-loving, great fortitude and hard work.

Measure 116

Hold mass winter cultural activities in Beijing Municipality and Hebei Province during the snow season, the New Year Festival, the Ice and Snow Cultural Tourism Festival etc.; hold Paralympic themed activities during the conventional activities of the National Day for Helping the Disabled, International Day of Disabled Persons Ice and Snow Sports Season for people with disability.

Measure 117

Organise the See You in Beijing International Art Festival to illustrate and showcase international culture and art; host the exhibition "Cheer for the Beijing 2022 Olympic Games and the photography and video for winter exhibition and promote cultural exchanges on winter Olympics through platforms such as the China International Cultural Industries Fair, the World Winter Sports (Beijing) Expo, Beijing International Film Festival and Beijing International Book Fair.

Measure 118

In countries involved in the Belt and Road Initiative as well as nations that are strong in winter sports sectors, as well as Olympic Host Cities, organise Ice Hockey Competitions for the youth and Light Up 2022, a cultural promotion of activities to facilitate the exchanges and mutual learning between Chinese and other cultures.

Measure 119

The series of cultural activities of the Beijing 2022 Games will be transformed into post-Games special cultural celebrations featuring local traditions. Rich cultural legacies will be created to promote the economic and social development of relevant areas.





Part IV: Supportive Measures

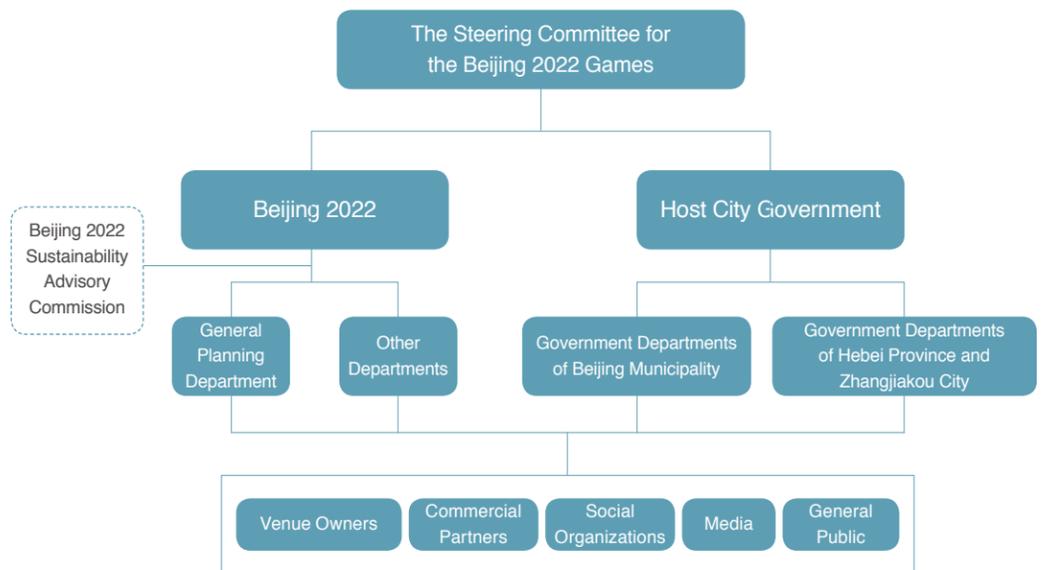


The Beijing 2022 Games is a landmark event for China. The central government and local governments of Beijing Municipality and Hebei Province attach great importance to the Games preparations. As part of the country's two centenary goals¹, the Games is expected to boost the coordinated development of Beijing, Tianjin and Hebei.

Under the leadership of the central government, a smooth working mechanism is in place where Beijing 2022 acts as the coordinator of many sectors of the society to provide a much-needed support. The central and local governments work with Beijing 2022 to formulate the sustainability strategy and implement it.

Beijing 2022, together with the central government, the Beijing Municipality, Hebei Province and the local governments of districts/counties where Games venues are located, have formed an integrated sustainability working mechanism that encompasses close cooperation from venue construction and operation units, active support from stakeholders such as national marketing partners, non-governmental organisations, commercial partners and extensive public engagement.

This has provided a solid foundation for the sustainability of the Games.



Organisation Chart of Sustainability Work of the Beijing 2022 Games

¹ China has two centenary goals to which are each attached one important milestone:
 - the anniversary of the Founding of the Chinese Communist Party in 2021, the date by which the country has to have created a moderately prosperous society in all aspects and,
 - the anniversary of the Founding of the People's Republic of China in 2049, the date by which the country has to become a modern socialist country that is prosperous, strong, democratic, culturally advanced, and harmonious.



Central Government Level

Organisational Structure

To better coordinate Games preparations, the Beijing Municipal government established the Steering Committee for Beijing 2022 Games in 2015. The Committee is headed by Mr. Han Zheng, member of the Standing Committee of the Political Bureau of the Communist Party of China (CPC) and Vice Premier of the State Council. Mr. Han is supported by two deputy heads:

- Ms. Sun Chunlan, member of the Standing Committee of the CPC Political Bureau and Vice Premier of the State Council, and
- Mr. Cai Qi, member of the Standing Committee of the CPC Political Bureau and Party Secretary of Beijing.

They are supported by more than 40 member units, including the Municipal Government of Beijing, the Provincial Government of Hebei, the General Administration of Sport and China Disabled Persons' Federation.

Policy System

At the national level, the CPC Central Committee has integrated the Beijing 2022 Games preparations into the working report to the 19th CPC National Congress and the Beijing-Tianjin-Hebei coordinated development strategy. Relevant central government departments have published documents such as the *Master Plan and Task Division Plan for the Preparations of the Beijing 2022 Games*, *Developing Winter Sports through the Opportunity of the Beijing 2022 Games*, and *Action Plan for High-tech-based Olympics* to help guide Games preparations.

Working Mechanism

The Beijing 2022 Steering Committee convene regularly to discuss the major issues and progress related to Games preparations. It is responsible for organising the necessary teams to advance the Games-related work. Beijing 2022, together with relevant state ministries, commissions and local government departments of Beijing Municipality and Hebei Province, has established 17 special work coordination committees, for example, the coordination committee for legacy, to jointly coordinate the implementation of Games planning.

Host City Level

Organisational Structure

The Beijing 2022 headquarter, the Office of the Steering Group of Hebei Provincial Government for the Beijing 2022 Games (Hebei Preparations Office) and the Zhangjiakou Preparations Office have been established to coordinate the Games planning. The government of Beijing Municipality, Hebei Province and Zhangjiakou City align Games planning with regional development strategies and ensure the fulfilment of all bidding commitments. Relevant government departments support Games planning according to their responsibilities and accelerate sustainability objectives and commitments.

Policy System

On 6 December 2016, the Hebei Preparations Office issued the *Breakdown List of Tasks for Fulfilling the Sustainability Commitments of the Beijing 2022 Olympic and Paralympic Winter Games* (Hebei Part). On 27 February 2017, the General Office of the Beijing Municipal Government issued the *Breakdown List of Tasks for Fulfilling the Sustainability Commitments of the Beijing 2022 Olympic and Paralympic Winter Games* (Beijing Part). Both lists have specified the leading unit, responsible units, time-lines and work requirements for each sustainability commitment. Relevant government departments in Beijing, Hebei and Zhangjiakou are required to include the implementation of sustainability tasks into their annual government work plan, formulate and implement plans and measures for environmental protection, economic development, urban construction, and Olympic education, in order to advance the implementation of sustainability-related work.

Working Mechanism

Relevant government departments of Beijing, Hebei and Zhangjiakou will include the sustainability commitments into their respective annual plans. They will establish a supervision and evaluation mechanism with venue construction and operation units to ensure that venue-related sustainability requirements are met. They will work closely with stakeholders such as Beijing 2022, non-governmental organisations, social organisations, the general public and enterprises to advance the work on various fronts.



Beijing 2022 Level

Organisational Structure

The sustainability work is one of the top priorities of Beijing 2022 which has specifically created the "Sustainable Work Leading Group" headed by Ms. Han Zirong, Beijing 2022 Vice President, and supported by Department Heads. A Sustainable Development Division has been set up under the General Planning Department which is responsible for the implementation of Beijing 2022's sustainability work in all respects. To achieve its objectives, the division coordinates closely with the Beijing Municipal Government, Hebei Provincial Government, other Beijing 2022 internal departments and venue owners.

Policy System

Beijing 2022 has issued the *Beijing 2022 Sustainability Policy*¹ to clarify the requirements and principles of sustainability across Games planning and staging; formulated the *Sustainability Strategy* to define the key tasks of its sustainability work and prepared the Beijing 2022 "Sustainability Management System Manual, Venue Sustainability Guide series, Venue and Infrastructure Sustainability Management Measures and Sustainable Sourcing Guide. In addition, it has developed a Carbon Management Plan. As indicated previously, the *Beijing 2022 Accessibility Guide*, *Beijing 2022 Talent Action Plan*, and *Beijing 2022 Olympic Education Plan for Primary and Middle School Students* have been developed to clarify relevant work approaches and priorities.

Working Mechanism

All Beijing 2022 Departments must fully support the sustainability commitments and objectives. A working mechanism between Beijing 2022 departments and relevant state-level and local government departments and venue construction and operation units must be in place.

Non-governmental Level

Venue Owners

Venue owners are required to strictly adhere to the sustainability requirements of Beijing 2022 throughout all stages of venue design, construction and operation. A designated person from each venue team is responsible for ensuring that the sustainability work is well implemented.

Beijing 2022 Commercial Partners

The marketing partners, sponsors and contractors of Beijing 2022 provide different types and levels of sustainable products and services for the Games. They follow the Beijing 2022 sustainability policy in carrying out Games-related activities. They develop and apply new low-carbon technologies and products and actively support and participate in the sustainability work of Beijing 2022.

Non-governmental Organisations

Beijing 2022 has established a regular communication mechanism with research institutions, academic groups, non-government organisations and the private sector to offer sustainability-related consultation and advisory services. These organisations also provide volunteer service platforms to mobilise the public to engage in the sustainability work of the Games.

Under the coordination of Beijing 2022, the Beijing 2022 Sustainability Consulting and Advisory Committee was established in November 2018. It is composed of 26 senior experts from institutions of higher learning, academic research institutes and government departments. They provide their expertise and experience to advance the sustainability of the Beijing 2022 Games through meetings, field surveys, research proposals and work reports.

Media and the General Public

As an important communication channel between Beijing 2022 and the general public, media will communicate the sustainability work of Beijing 2022 to educate and raise public awareness on sustainability. The objective is to create an enabling atmosphere for the uptake of sustainable development.

The general public provides active support to the sustainability of the Games by offering suggestions and participating in activities organised by Beijing 2022 and its multitude of delivery partners.

¹ <https://www.beijing2022.cn/a/20161230/030551.htm>.

