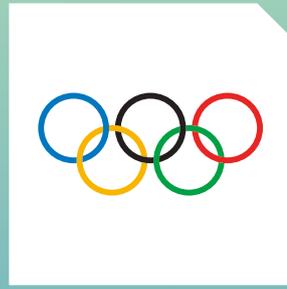


**GANGWON
2024**



**YOUTH
OLYMPIC
GAMES**

BOBSLEIGH, SKELETON

SPORT EXPLANATORY BROCHURE



**GROW TOGETHER
SHINE FOREVER**

BOBSLEIGH, SKELETON

SPORT EXPLANATORY BROCHURE: BOBSLEIGH, SKELETON

I GANGWON 2024 WELCOMES YOU

You are about to take part in the 4th edition of the Winter Youth Olympic Games Gangwon 2024.

This document summarizes relevant information about the Bobsleigh and Skeleton events, venue and services. It represents the common source of information that will help you and your team plan and prepare, before heading to the Olympic Legacy of the Winter Olympic Games PyeongChang 2018.

Please note that there will be a follow-up to this brochure, as this document is meant to explain the higher-level plans, whereas more detailed information will be found in the Gangwon 2024 Sports E-Guide which will be published in December 2023. The Gangwon 2024 will be able to deliver new, innovative and smarter Youth Olympic Games, generating impact and sustainability in terms of economic and social development.

We look forward to welcoming you to the city of Pyeongchang, Gangneung, Jeongseon, Hoengseong, and Gangwon State, for two weeks of competition, learning and sharing.

I KEY DATES

DATES	TOPIC	ACTIVITY
13 JANUARY	Youth Olympic Village (YOV)	Soft Opening of YOY Gangneung (YVG)
15 JANUARY	Youth Olympic Village (YOV)	Official Opening of YOY Gangneung (YVG)
16-21 JANUARY	Official Training (SPT)	Official Training
19 JANUARY	Ceremonies (CER)	Opening Ceremony (GOV)
22, 23 JANUARY	Competition (SPT)	Competition
1 February	Ceremonies (CER)	Closing Ceremony (GOP)

CEREMONIES

For more detailed information regarding Opening, Closing, and Victory Ceremonies, as well as Farewell Parties, please refer to [the CER chapter of the Chefs de Mission \(CdM\) Guide](#).

COMPETITION PERIOD

The Competition Period for Bobsleigh and Skeleton is 16 January to 23 January (including Official Training). The competition will take place at the Alpensia Sliding Centre, located in the PyeongChang, Alpensia Sports Park.

COMPETITION SCHEDULE

OFFICIAL TRAINING		MEDAL EVENT		CONTINGENCY DAY			
DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8
January 16	January 17	January 18	January 19	January 20	January 21	January 22	January 23
14:30-18:30 Monobob (W,M)	14:30-18:30 Monobob (W,M)	14:30-16:30 Monobob (W)	14:30-16:30 Monobob(M)	14:30-16:30 Monobob (W)	14:30-16:30 Monobob(M)	14:30-16:30 Monobob (W)	14:30-16:30 Monobob(M)
19:30-21:30 Skeleton(W)	19:30-21:30 Skeleton(M)	17:30-21:30 Skeleton (W,M)		17:30-21:30 Skeleton (W,M)	17:30-21:30 Skeleton (W,M)	17:30-19:30 Skeleton(W)	17:30-19:30 Skeleton(M)

TEAM CAPTAIN MEETING (TCM)

The first Team Captain Meeting (TCM) for skeleton will be held on 15 January at 5:00 pm, and for Monobob will be at 6:00 pm a day before the Official Training, at the Alpensia Sliding Centre. The meeting will take place in the TCM Technical Room (2nd floor) of the Finish House. The following TCM will take place on 21 January, a day before the first competition at the same place.

The complete TCM schedule will be published as an appendix after DCAS is completed.

SPORT INFORMATION DESK (SID)

The Sport Information Desk (SID) will be operated at the competition venue and the Youth Olympic Village Gangneung (YVG).

At the Youth Olympic Village Gangneung (YVG)

Operating period:	13 January to 3 February
Operating hours:	13, 14 Jan 08:00-20:00, 15 Jan-2 Feb 07:00-21:00, 3 Feb 07:00-12:00
Operating location:	NOC Service Centre (R5) at the Youth Olympic Village Gangneung (YVG)
Access:	Chefs de Mission, Team Officials, Additional Team Officials, and NOC Assistants

Information provided:

- Official start lists and results, competition and training schedules, and schedule updates.
- Booking and monitoring official training, TCM schedules, and communications from IFs and competition management.
- Weather reports and information, specific venue information or services, etc.

At the Alpensia Sliding Centre, the SID will be located in the Race Office on the first floor of the Finish House. The SID Crews will provide general sport information for the Bobsleigh and Skeleton and assist with basic requirements and inquiries..

I QUALIFICATION SYSTEM

You will find information about the qualification system in the Bobsleigh and Skeleton Qualification System on [NOCnet](#).

I EVENTS

There will be four (4) Bobsleigh and Skeleton events in total:

Women's Event	Men's Event
Monobob	Monobob
Skeleton	Skeleton

I COMPETITION FORMAT

During Gangwon 2024, there will be four (4) events in Bobsleigh and Skeleton. All these competitions will take place at the Alpensia Sliding Centre. The competition formats are the following.

MONOBOB START PROCESS

- In the start area, the athlete will accelerate the sled by pushing it and quickly board the bobsleigh.
- An enormous sense of balance and agility is required as the athletes push the sled at the fullest speed for the distance of 50 metres whilst getting themselves inside the sled at the right time.
- Unlike the existing Olympic disciplines, 2-man/2-woman Bobsleigh and 4-man Bobsleigh, the roles of starting, driving, and braking after the finish are upon the Monobob athlete all on their own.

- A quick start applied by the athletes provides the resultant finish record, requiring explosive skills on short-distance tracks.

SKELETON START PROCESS

- In Skeleton, athletes start in the same start area as the bobsleigh starters. The athletes accelerate the bobsleigh by pushing off with one or both hands while diving inside the bobsleigh and driving down the icy track.
- Top-ranking Skeleton athletes maximise their power and acceleration from the start, generally passing 50 metres in less than 5 seconds with speeds exceeding 40 km/h.

MONOBOB AND SKELETON EVENT

- During the Youth Winter Olympics Gangwon 2024, there will be four (4) gold medals in total in the Bobsleigh and Skeleton events.
- Men's Monobob (1-man Bobsleigh event)
 - Record of two runs on the day of competition measured up to 1/100th of a second
- Women's Monobob (1-woman Bobsleigh event)
 - Record of two runs on the day of competition measured up to 1/100th of a second
- Men's Skeleton (individual event) :
 - Record of two runs on the day of competition measured up to 1/100th of a second
- Women's Skeleton (individual event) :
 - Record of two runs on the day of competition measured up to 1/100th of a second

ABOUT MONOBOB

- Monobob is based on the traditional Bobsleigh, but it involves one athlete sleds all on their own, pushing, steering, and braking at the end to slow down the sled. Introduced at the 2016 Lillehammer Youth Winter Olympics, Monobob is a sport that athletes pilot down the course with a maximum speed of 120 km per hour and 3G (three times the Earth's gravity) with a sled of 2.8 metres long and 160kg. Unlike 2-man or 4-man events, Monobob carries a characteristic of not relying on fellow team members.

ABOUT SKELETON

- The athlete starts by holding a sled handle. The timing device is activated when the athlete passes through the light beam located 15 metres away from the start block. Immediately after, the athlete jumps, facing his head forward and his legs upward, lying on the sled. The athlete must be in the closest contact with the sled to minimise the wind's resistance.

- While the athlete pilots down the course, the athlete's body is so close to the icy track that the athlete's chin and the ice are only 5cm apart. Both hands and feet are stretched backwards while steering the sled with the tip of the toes.
- Once on board, the athlete must adjust the sled and pass through curves and straight sections at high speed. Using their shoulders and legs, athletes manipulate the sled to apply pressure on the runner (blade) to create friction on the surface of the ice to change the direction. With too much pressure, the sled slips and reduces the speed, adversely affecting the record. On the contrary, if the pressure is not enough, the speed is too slow, which can cause a crash in severe cases.

TRACK

- The track is an ice stream where the luge runs. It is used as a foundation for concrete, wood, and soil that hardens like ice in winter, and the inside is covered with the surface temperature of the track maintained at -3°C in the shade.
- The length is 1,000 to 1,500 metres, the elevation difference is 110 to 130 metres, and the average slope is 9 to 11%, making it 13 to 16 curves on the northern slope. To make a difference, left curve, right curve, hairpin curve, S curve, labyrinth, etc. are included. It is mainly made of U-shaped grooves, and the wall height on the left and right sides is more than 50cm to prevent the sled from sticking out.

RULES

EQUIPMENT RULES

- Monobob Sled
 - Minimum weight (without an athlete): 162 kg
 - Maximum weight (with an athlete): 247 kg
 - The runners can only be sanded using abrasives provided by the IBSF to reduce friction with ice, and the use of any other materials and products is prohibited.
 - The runner temperatures are checked before the start; if the temperature of the runners that are mounted on the sled being used in the race exceeds the temperature of the reference runner by a maximum of 4°C , this will lead to disqualification.
- Skeleton Sled
 - Sleds vary in length from 80cm to 120cm, and the length between runners is 34cm to 38cm.
 - The maximum weight of a sled, without an athlete, is 35kg for men and 43kg for women.
 - The sled and the athlete are weighed immediately after the conclusion of the race heat, and no modifications to the sled or the other equipment may be made.

COMPETITION RULES

- Times equal to the 1/100th of a second are given the same rank without a rerun.
- Athletes out of the top 20 in the 1st heat do not have a run for the 2nd heat.
- The start order of the 2nd heat begins in reverse according to the result of 1st heat.

INTERNATIONAL FEDERATION

IBSF:	International Bobsleigh and Skeleton Federation
President:	Ivo Ferriani (ITA)
Vice Presidents:	Andreas Trautvetter (GER)
Secretary General:	Heike Groesswang (GER)
GW2024 Contact Person:	Raik Bauerfeind (GER)
Event Delegate:	Nicola Minichello (GEB)
Address:	Maison du Sport Avenue de Rhodanie 54 CH- 1007 Lausanne, Swiss

VENUE INFORMATION

Gangwon 2024 Venue Name:	Alpensia Sliding Centre (ASL)
Seating Capacity:	1,000 grandstand seats with standing room for 6,000
Distance from YOV Gangneung:	36 km (36 min by car)
Address:	470, Solbong-ro Daewallyeong-myeon, Pyeongchang-gun, Gangwon State, Republic of Korea

The Alpensia Sliding Centre is a legacy venue that was used during the Olympic Winter Games PyeongChang 2018. Completed in 2017, it was used as the competition venue for sliding events during multiple Olympic test events in 2017 and PyeongChang 2018.

SPORT EQUIPMENT STORAGE

There will be temporary containers in an outdoor area near the Alpensia Sliding Centre Finish House. The containers will be utilized for the storage and maintenance of the Skeleton equipment. The sled storage area located in Start House 1 will be utilized for the storage and maintenance of the Monobob equipment.

ATHLETES' LOUNGE

The Athletes' Lounge for Bobsleigh and Skeleton will be located on the second floor of Start House 1 at the Alpensia Sliding Centre. It will open daily according to the official training and competition schedules. All competitors can use the lounge for two hours before and two hour after both the official training and the competition. The detailed operation schedule will be re-announced once confirmed.

The following services will be available:

- Chairs, tables, Olympic sponsored soft drinks, bottled water, hot soup, fruits, cookies, and energy bars

I SECURITY

SECURITY MANAGEMENT AT COMPETITION VENUES

Certain part of some competition venues will be designated as restricted areas. Such restricted areas as well as their surrounding areas will be patrolled by security staff or relevant organizations. To enter the venue, visitors are requested to present their YOAC or valid admission tickets.

- Safety of the surrounding areas of the venues
 - Police mobile unit will be dispatched to patrol on regular basis and maintain the order.
 - Police stations and fire stations in the region will be ready for emergency dispatches at all times.
- Restricted and prohibited items
 - Please refer to the list of prohibited and restricted items in the SEC chapter of [the CdM Guide \(Annex 1\)](#).

SECURITY AT OTHER EVENTS AND VENUES

The security will be provided for all events and venues of Gangwon 2024.

- The maintenance of public, both inside and outside of the venue, will be monitored to ensure the safety of spectators during the Opening and Closing Ceremonies.
- Relevant organizations, such as the police and fire brigade will conduct regular patrols at the NOC Hotels. A direct communication channel will be established between the NOC Hotels and the Gangwon 2024 SEC Team.
- Fire facilities will be inspected in advance, and fire truck and ambulances will be stationed in the nearest possible location to promptly respond to any emergencies.

I MORE INFORMATION

More detailed information will be available in the Sports E-Guide that will be published at the beginning of December 2023. For more information on the Gangwon 2024 Winter Youth Olympic Games, please refer to [the CdM Guide](#) and your contact at [Gangwon 2024 NOC Services](#).