

Team Area Requirements FIS Nordic World Ski Championships

a) Cross-Country and Nordic Combined

Location

The Team Area need to be located at the competition venues, as close as possible from the stadium and must have easy access to the trails and to the start/finish areas.

Wax Cabin Specifications

- For safety reasons, containers or separate waxing rooms must be used. Big common tents or buildings can't be used.
- Size: 15 m² (minimum) to 20 m² per cabin.
- Combined Cabins: for teams and companies with more than one cabin there needs the ability to combine the space to have one big room.
- Power: multiple power outlets to handle wax irons.
- Lighting: adequate lighting so technicians can work at all hours of the day.
- Heating: each cabin must be able to maintain a temperature of 20 degrees Celsius.
- Ventilation: wax is extremely toxic and requires industrial strength ventilation. The cabin needs to pass national safety standards for ventilation in dealing with toxic fumes. It is recommended to have industrial strength ventilation.
- Security: each wax cabin must be lockable with each team having the keys. The wax cabins area must be secured must be secured and accessible only for accredited people 24 hours/day.
- Floor: the floor of the wax cabin should be equipped with rubber or not slippery basement.
- Walls: due to the number of skis that are being serviced ski racks are required on the wall to ensure the skis do not fall over.
- The wax cabins should be equipped with garbage bags, 1 table and 2 chairs.
- Internet services (Wi-Fi) must be available at the wax cabin area.
- Parking space for teams and SRS must be provided within a reasonable distance of the cabins.
- The wax cabins compound should be equipped with sufficient restrooms.

Changing Room Specifications

In order to prevent breathing of waxing fumes by the athletes, the Organisers should provide to each NSA a separate athlete's room for changing:

- Size: 15 m² (minimum) to 20m² per cabin.
- Combined Cabins: for teams with more than one team room, there needs the ability to combine the space to have one big room.
- Power: multiple power outlets.
- Lighting: adequate lighting so technicians can work at all hours of the day.
- Heating: must be able to maintain a temperature of 20 degrees Celsius.
- Ventilation: normal ventilation as per national building code.
- Security: each team room must be lockable with each team having the keys. The spaces must be accessible 24 hours /day.

Team Catering and Rest Room (FIS Family Room) Specifications

The Organisers should provide a heated separate room for team catering and "life space" nearby the wax cabins area:

- Warm and cold food and drinks have to be available the all day. Type of food: pasta or rice, meal sandwiches, soup, fruit, etc. Type of drinks: water, soft drinks, tea, coffee, etc.

- This room should be equipped with tables, chairs, TV screens with winter sports live signal and 1 or 2 laptops with internet connection.
- Opening days with full service and catering: from the official training day until the end of the WSC.

NSA Allocation Process

Each NSA will be allocated wax cabin and changing rooms based on the size of their delegation.

Small NSAs will need to share space with another small NSA. The LOC will make best efforts to ensure that the NSAs get to share a cabin with a nation of their choice. In the end the allocation will be done by the LOC.

NSAs wanting additional space can purchase additional spaces. The price for one additional cabin should be fixed around EUR 1000 (VAT not included).

Allocation formula for Cross-Country teams

NSA	Wax Cabin / NSA	Changing Room / NSA
1 to 2 athletes	0.5	0.5
3 to 6 athletes	1	1
7 to 12 athletes	2	1
13 athletes or more	3	1

Allocation formula for Nordic Combined teams

NSA	Wax Cabin / NSA	Changing Room / NSA
1 to 2 athletes	0.5	0.5
3 athletes or more	1	1

Ski Grinding Machines

The use of ski grinding machines is more the trend in the preparation of the ski base for Cross-Country skiing. There have been requests for additional space for ski grinding machines at previous WSC and OWG.

The LOC will make best efforts to provide proper working space to the NSAs. The price for this additional working space will be fixed by the LOC.

Waxing Trucks

There is also a trend within Europe for National Ski Associations to use fully contained trucks that look after all of the needs of the teams in terms of ski preparation.

The challenge for the LOC is the space required and the power requirements.

Therefore the following measures should be applied:

- The teams arriving with a waxing truck will not receive any wax cabin but only changing space.
- The teams have to confirm to the LOC through the chosen registration system and according to the deadlines mentioned in the official invitation.
- The teams have to communicate to the LOC their requests (parking size, power supply, etc.) for their truck according to the deadlines mentioned in the official invitation.
- Parking space has to be available for the teams arriving with a waxing truck as close as possible from the wax cabins area.
- Power supply has to be available maximum 30m from the parking space dedicated to each truck. The LOC will make best efforts to organise a safe and secured cabling inside the team area and around the wax trucks.

Ski Racing Supplier (SRS) Allocation Process

The Ski Racing Suppliers Association (SRS) is an organisation made up of ski equipment manufacturers and technicians. They provide services for the athletes sponsored by their respective companies.

SRS members should pay for their wax cabins (same specifications as for NSAs). The price for a single cabin should be fixed around EUR 1000 (VAT not included). A surcharge will be charged for the double cabins.

SRS members will receive the same services (training bibs, catering) than the NSAs. The LOC is free to sell or deal with other ski equipment companies but these companies should be pay a much higher price and will not receive any access to the race courses (training bibs).

FIS and SRS Approval

Each LOC will have different ways of delivering the wax cabin / changing room / FIS Family room. Due to the different space options (permanent / temporary) as well as the location, the team area must be approved by FIS in consultation with SRS. This approval includes the number of spaces, size (m²) and the location next to the venue.

b) Ski Jumping and Nordic Combined

The requirements for Ski Jumping and Nordic Combined have a number of operational impacts that can change the requirements. The challenge will come down to the schedule for training and competition. If the daily schedule can be managed where there is very little overlap then the wax cabins and team room cabins can be used efficiently. Should the schedule be compressed then additional change rooms will be required for men and ladies.

These options are outlined below:

1. Ski Jumping Venue with Lights with access to Nordic Combined trails

The following outlines the requirements specific to Ski Jumping (men & ladies) and Nordic Combined (men & ladies). This also assumes that the wax cabin location will have access to both the Ski Jumping facility and the Nordic Combined trails.

Organisations	Number of Spaces
NSAs	40
SRS (Rate Card)	5
Total	45

NSA Allocation Formula Ski Jumping	Space/NSA	Estimate of NSA	Wax Cabin Requirements
1 to 3 athletes	1	5	5
3 athletes or more	2	15	30
Contingency			5
Total NSAs JP		20	40
NSA Allocation Formula Nordic Comb	Space/NSA	Estimate of NSA	Wax Cabin Requirements
1 to 3 athletes	1	5	5
3 athletes or more	2	12	24
Contingency			3
Total NSAs NC		17	32
Total JP and NC		37	72

For the larger teams the breakout between wax cabins and team room cabins are the following:

NSA	Wax Cabin/NSA	Team Room / NSA	Total Space
1 to 3 athletes	1	0	1
3 athletes or more	1	1	2

2. Ski Jumping Venue without Lights with access to Nordic Combined trails

With a WSC Ski Jumping venue that does not have lights creates a much more compressed schedule for the athlete to train and compete. Due to the compressed schedule the demands on the wax cabins and team room cabins will increase making the sharing of resources very difficult between the genders and between Ski Jumping and Nordic Combined. Depending on the severity of these scheduling overlaps additional cabins will be required for the NSAs. The exact number will need to be confirmed with the FIS once the venue logistics have been worked out.

3. Nordic Combined trails are not located next to the Ski Jumping waxing facilities

The following outlines the additional cabin requirements for the Cross-Country part of the Nordic Combined event, should the trails not be co-located with the Ski Jumping facility:

Organisations	Number of Spaces
NSAs	20
SRS (Rate Card)	0
Total	20

NSA Allocation Formula NC men	Space/NSA	Estimate of NSA	Wax Cabin Requirements
1 to 2 athletes	0.5	6	1.5
3 athletes or more	1	11	11
Contingency			2.5
Total NSAs		18	15

NSA Allocation Formula NC men	Space/NSA	Estimate of NSA	Wax Cabin Requirements
1 to 2 athletes	0.5	6	3.
3 athletes or more	1	14	14
Contingency			3
Total NSA		20	20
NSA Allocation NC ladies *)			
1 to 2 athletes	0.5	6	3
3 athletes ore more	1	6	6
Total		12	18

*) Number of nations and athletes for Nordic Combined Ladies are to be confirmed. If schedule allows, the waxing cabins for NC ladies and NC men can be shared.