

SUSTAINABILITY MEASURES

2023



AUDI FIS SKI WORLD CUP



BOSS

 Sunrise

 BKW

 OCHSNER
SPORT



OUR CONTRIBUTION TO SUSTAINABLE SNOW SPORTS



SLOPE



CATERING/ HOSPITALITY



WASTE



POWER



MOBILITY



LOCAL



ACCOMMODATION



SOCIAL



SAFETY



NATURE



MATERIAL



DESTINATIONS (CH & IT)



TRANSPORT PARTNERS



- ✓ Two-thirds of the slope is already existing
- ✓ No forest cutting
- ✓ 2/3 of the course is on glacier where no water and no technical snow is used
- ✓ Just one third of the race course is technically snowed and from meltwater
- ✓ Snow production from natural reservoir
- ✓ No fixed A-nets, all temporary installations will be dismantled after the races
- ✓ Use of the latest machines, equipment and snowmaking system
- ✓ Good basic conditions in the destinations (e.g. glacier, energy supply)
- ✓ It has been proven for years that glacier areas prepared for slope purposes melt less than unprepared areas
- ✓ At the end of summer 2022, the glacier surface in the slope area was 1.5 - 2 m higher than outside the slope area
- ✓ Start house can supply itself with solar power
- ✓ No new lifts, hotels, infrastructure



CATERING/ HOSPITALITY

- ✓ Food in the hospitalities is mostly freshly prepared -> little food waste.
- ✓ Unused food from 2022 was recycled for charity events in Châtillon and Aosta.
- ✓ Introduction of a reusable system of glassware with a deposit.
- ✓ Preference for local producers of food and beverages.
- ✓ Offer organic and seasonal products. Preferring free-range products, avoiding products from greenhouses.
- ✓ Offer vegetarian meals.
- ✓ Avoiding serving dishes where possible and serving most of the spectators' meals as "finger food" (e.g. sandwiches, French fries in a paper bag, etc.)
- ✓ To avoid the use of plastic, all F&B suppliers will distribute regenerated polycarbonate cups to the public.

WASTE

- ✓ Reduce the amount of waste by avoiding the sale of beverages in individual packaging.
- ✓ Provide recycling bins (including PET, aluminum, glass, paper and cardboard) at regular distances and ensure that they are emptied regularly by event staff.
- ✓ Ensure that waste is correctly separated and then properly recycled.
- ✓ A waste sorting programme for spectators and organisers will ensure zero impact on the mountain and minimal Co2 emissions thanks to centralised logistics.
- ✓ A 'cleaning day' has been planned to clean up the stadium area and the village after the event.

POWER

- ✓ If possible, use of vehicles/shuttles that are powered by alternative energies.
- ✓ All electricity purchased for the event comes from renewable energy sources from local power suppliers.
- ✓ A new distribution line was built throughout the finish area to supply energy to all infrastructures and minimise the impact and support of fuel generators. All energy distributed on the network is generated from renewable sources from local distributors.



MOBILITY

- ✓ All athletes of a team stay in the same accommodation in the immediate surroundings of the cable cars.
- ✓ Enhanced communication for arrival and departure through public transport (Zermatt).
- ✓ Transport of materials should be minimized by giving preference to local partners.
- ✓ In the choice of event vehicles, pay attention to fuel type, energy efficiency class, pollutant emissions and EURO standards to be complied with.
- ✓ The overall transport plan associated with the set-up and dismantling phases has been reduced by 20%, thus reducing the total CO2 footprint.



LOCAL

- ✓ If possible, select all partners locally or in Switzerland/Italy
- ✓ Consideration of local trade



ACCOMMODATION

- ☑ Offer accommodation in the immediate surrounding area of the event
- ☑ Provide overnight accommodations in hotels that have sustainability management or are certified with an environmental label (e.g. Minergie)



SOCIAL

- ☑ Activities for families and children, specifically accompanied by volunteers or by the assistance of staff
- ☑ Establishing admission prices so that all segments of the population can participate in the event and offering reduced prices for students and families



SAFETY

- ✓ Observe legal aspects on the subject of noise protection
- ✓ Ensure a rapidly deployable safety concept in the event of an emergency or accident
- ✓ Secure emergency communications and ensure access for ambulance, fire and other rescue services
- ✓ Follow fire prevention guidelines



- ✓ Draw up a zone plan with areas that can be freely accessed, as well as areas where access is prohibited or protected.
- ✓ Provide appropriate signage for pedestrians.
- ✓ Preventing incursions into the landscape, such as cutting down trees or permanent markings.
- ✓ Establish sufficient sanitation facilities that are preferably water efficient (e.g. dry toilets, water saving faucets) and establish that wastewater is conveyed to a wastewater treatment facility (piped or tanker).
- ✓ A new pipeline was created to allow water to circulate to better serve all infrastructure and minimise both waste and pollution from toilet waste. All logistical cleaning and transport will reduce CO2 emissions by 70 per cent by being able to provide all services on site. In addition, the possibility of serving drinking water through the use of certain filters will significantly reduce the use of plastic in the mountains.
- ✓ Preventing pollutants from contaminating the wastewater (collecting frying oil, using biodegradable products, etc.).
- ✓ Install the sanitary facilities on solid, waterproof ground, if possible.



- ☑ Replacement where possible of print material (flyers, brochures, etc.) with electronic documents (smartphone apps, website, etc.).
- ☑ Use of battery-free promotional items made of natural products (wood, cotton, etc.) or recycled materials (PET, canvas, etc.).
- ☑ Encouraging participants to continue using the promotional items after the event instead of throwing them away.
- ☑ Printed materials with FSC label and banners are mainly provided without date in order to be able to reuse them.
- ☑ Consideration of Fairtrade in the procurement of textiles and gifts for helpers Marketing / Ticketing: mainly online, no physical printing, invitation / registration VIPs exclusively digital.



DESTINATION (CH)



ZERMATT

- ☑ Car-free
- ☑ Electric cabs and e-buses operate in the village
- ☑ Transport of goods and waste disposal by electric vehicles and by train
- ☑ Little day tourism, especially in winter. The most sold ski pass of Zermatt Bergbahnen AG is the 6-day pass
- ☑ 50% of the guests arrive by public transport
- ☑ 80% of the required electricity is generated from on-site hydroelectric power and a total of 87% from renewable energy from various sources also on-site
- ☑ In a local biogas plant a large part of the "food waste" is used for the production of electricity and fertilizer for agriculture
- ☑ Energy City Label



DESTINATION (IT)



BREUIL-CERVINIA

- ☑ Traffic restricted zone in the entire village center
- ☑ 50% of the winter guests arrive by car sharing
- ☑ All electricity is generated on site by hydroelectric power plants
- ☑ 70% of the buildings are heated by a central environmentally friendly methane district heating system
- ☑ Mountain agriculture to protect the area, also as a means of care and maintenance of pastures and forests



TRANSPORT PARTNER ZERMATT BERGBAHNEN AG

☑ Solar energy:

- ☑ 7 photovoltaic systems and 2 solar thermal systems with an average energy production p.a. of 368,000 kWh (photovoltaic) and 27,000 kWh solar thermal (energy for approximately 200 single-family homes)

☑ Technical snow production:

- ☑ Every year, snow guns of previous generations are replaced by modern systems, which reduce the energy demand by up to 7 times
- ☑ Due to the water supply at high altitude and the principle of gravity, snowmaking can be carried out in large areas without pumping energy and is therefore energy-saving
- ☑ In spring, a large part of the meltwater from the slopes flows into the water catchment of the hydroelectric plants and can be used again for electricity production

☑ Diesel:

- ☑ Sulfur-free eco Speed diesel has been used for over 10 years. 11% less carbon monoxide, 15% less hydrocarbon, 3% less nitrogen oxide and particulate matter 13% smaller

☑ Restaurant Klein Matterhorn:

- ☑ Wastewater from kitchen and wet rooms is treated in a microbiological treatment plant and reused as gray water for sanitary facilities

☑ Awards:

- ☑ Swiss and European Solar Prize
- ☑ Swiss Greener Award



TRANSPORT PARTNER CERVINO SPA

✓ Artificial Snow Making:

- ✓ The snowmaking systems are almost all of the new generation, making them more energy-efficient, more powerful and less polluting
- ✓ In spring, much of the meltwater from the slopes flows into the reservoirs at the hydroelectric plants along the valley and can be reused to generate electricity

✓ Energy efficiency:

- ✓ Plans are underway to equip most lifts with the Ecodrive system, which is capable of automatically adjusting speed when people are on board the lift, significantly reducing energy consumption
- ✓ The new Gran Sometta chairlift, already equipped with EcoDrive, will also be built with the innovative DirectDrive drive system, which can significantly reduce the energy required to operate the lift
- ✓ The snow groomers are equipped with a radar navigation system that determines the thickness of the snow cover to optimize work and reduce fuel consumption

✓ Attention to the environment:

- ✓ Environmentally friendly and certified detergents and disinfectants are used
- ✓ For all diesel vehicles, the additive AD Blue is used, which can transform dangerous pollutants emitted by diesel engines into water and oxygen
- ✓ The management of Cervino SpA uses hybrid vehicles
- ✓ All the electricity used is generated locally in hydroelectric plants



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