



**IBU
WORLD
CHAMPIONSHIPS
BIATHLON**



**KONTIOLAHTI-JOENSUU
NORTH KARELIA**

CANDIDATE 2027

**IBU WORLD CHAMPIONSHIPS BIATHLON
CANDIDATE WCH 2027
KONTIOLAHTI,
FINLAND**

ATTACHMENTS



**SUOMEN AMPUMAAHIHTOLIITTO
FINNISH BIATHLON FEDERATION**



KONTIOLAHTI

J•ENSUU

NORTH KARELIA

WCH2027 IN KONTIOLAHTI RESPONSIBILITY, TOGETHER

**NETWORKS DO WONDERS -
EVERYBODY BELONGS TO THE
BIATHLON FAMILY!**

Working together, people, and togetherness are our strengths. The event is built by nearly one hundred organizations and over one thousand volunteers.

WCH 2027 is an expression of will by the whole community - municipalities, educational institutions, schools, authorities, sports clubs, business, the scientific community, and private persons. An exceptionally wide network of 14 regional and national organisations have already committed to building a world-class event.

**WE BELIEVE IN
AND ARE READY
THE WHOLE BIA**

We strive to emphasize
in our da

Hence, it's a matter
challenge ourselves
whole Biathlon F
exemplary WCH
remembered for the
standards for

In our actions, we o
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respons

TI: EXEMPLARY EVENT FOR ERNESS & COOPERATION!

RESPONSIBILITY Y TO CHALLENGE ATHLON FAMILY!

...alise responsibility
...aily work.
...r of honour to us to
...es, the IBU, and the
...family to build an
...event that will be
...e extraordinary high
...responsibility.
...do not only focus on
...ustainability but also
...conomic, and ethical
...sibility.

OUR INITIATIVES AND COMMITMENTS TO RESPONSIBILITY: EXAMPLES

A strong commitment to further develop our Environmental Management System (in place since 2020) and become carbon neutral.

A strong commitment to foster biathletes' dual careers e.g. with Joensuu Sports Academy.

An initiative to transport spectators to/from the stadium in an environmentally friendly way by train.

A strong commitment to building an economically viable event.

CONTENT

ANNEX 1	5
ANNEX 1 B	16
ANNEX 2	17
ANNEX 3 (Update 7.7.2022)	20
ANNEX 4	21
ANNEX 5 (Update 7.7.2022)	31
ANNEX 6	34
ANNEX 7 (Update 7.7.2022)	40
ANNEX 8 (Update 7.7.2022)	41
ANNEX 9	42
ANNEX 10	43
ANNEX 11	44
ANNEX 12 (Update 7.7.2022)	45
ANNEX 13	46
ANNEX 14	50
ANNEX 15	51
ANNEX 16	53
ANNEX 17	54
ANNEX 18 A	56
ANNEX 18 B	59
ANNEX 18 C	61
ANNEX 20 (Update 7.7.2022)	64
ANNEX 21 (Update 7.7.2022)	65
ACTION PLAN 2022-2027 (Update 7.7.2022)	66
FEEL THE JOY OF BIATHLON IN KONTIOLAHTI 2027!	70



ANNEX 1

LIST OF VARIOUS PARTIES AND CANDIDACY COMMITTEE

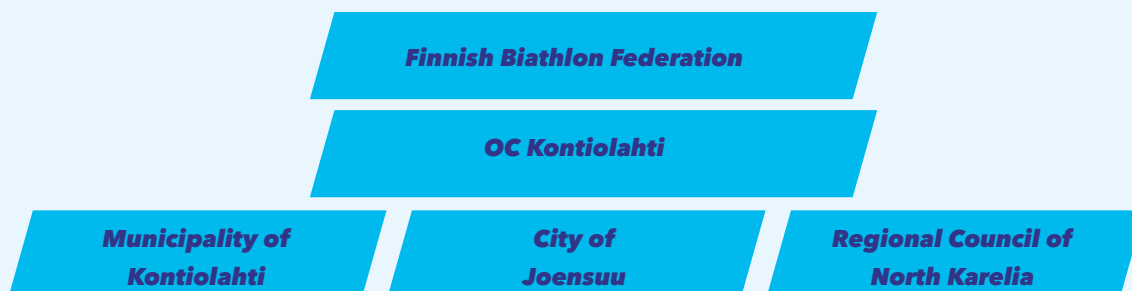
B.2 List the various parties that are involved with the candidacy together with an organisation chart detailing the structure of the candidacy committee.

PARTIES INVOLVED WITH THE CANDIDACY

- Kontiolahti Sport Club
- Municipality of Kontiolahti
- City of Joensuu
- Regional Council of North Karelia
- North Karelia Chamber of Commerce
- Pohjois-Karjalan Yrittäjät ry
- University of Eastern Finland
- Karelia University of Applied Sciences
- North Karelia Municipal Education and Training Consortium, Riveria
- VisitKarelia Oy
- Kontionloikka Oy
- Business Joensuu Oy
- Sports Institute of Eastern Finland
- Sports Federation of North Karelia
- Finnish Biathlon Federation
- Ministry of Education and Culture

The parties have undersigned an agreement (Memorandum of understanding) concerning cooperation. The parties to the cooperation agreement express their strong will and commitment to support, where possible, through their expertise, networks and financial resources, applying for, acquisition and organisation of international biathlon events.

STRUCTURE OF THE CANDIDACY COMMITTEE



ANNEX 1 MEMORANDUM OF UNDERSTANDING

Yhteistyösopimus Kontiolahden kansainvälisten ampumahiihtokilpailujen hakemiseksi, järjestämiseksi ja olosuhteiden kehittämiseksi

Yhteistyösopimuksen tarkoitus ja tavoitteet

Yhteistyösopimuksen tavoitteena on ampumahiihdon kansainvälisten tapahtumien (MM-kilpailut, maailmancupit, IBU cupit ja muut mahdolliset ampumahiihdon kansainväliset kilpailut) hakeminen ja järjestäminen Pohjois-Karjalassa. Vahvalla alueellisella yhteistyöllä ja sitoutumisella vahvistetaan Kontiolahden ampumahiihtokeskuksen kilpailuetua kansainvälisten tapahtumien järjestämispaikkana. Yhteisenä tavoitteena on lisäksi Kontiolahden ampumahiihtokeskuksen ja ampumahiihdon olosuhteiden kehittäminen Pohjois-Karjalassa.

Yhteistyösopimuksen osapuolet ilmaisevat vahvan tahtonsa ja sitoutumisensa tukea mahdollisuuksien mukaan osaamisellaan, verkostoillaan ja taloudellisilla resursseillaan ampumahiihdon kansainvälisten tapahtumien hakemista, saamista ja järjestämistä.

Yhteistyösopimuksen tausta

Ampumahiihdon maailmancupit, MM-kisat ja muut ampumahiihdon kansainväliset tapahtumat ovat tärkeitä tapahtumia Pohjois-Karjalalle, alueen kunnille, kaupungeille ja elinkeinoelämälle niin palveluyrityksille kuin vientiteollisuudellekin.

Laadukkaasti ja vastuullisesti toteutetut kansainväliset tapahtumat ovat olleet osoitus vahvasta Pohjois-Karjalan ja sen kumppaneiden tapahtumajärjestämisen osaamisesta ja yhteistyöstä. Tulevaisuudessa vahva seutukunnallinen ja maakunnallinen yhteistyö on olennainen kilpailuetu kansainvälisessä kilpailussa tapahtumien järjestämisoikeuksista.

Kansainvälisillä suur tapahtumilla on merkittävä vaikutus alueen talouteen. Suur tapahtumien aluetaloudelliset vaikutukset näkyvät suoraan alueelle kohdistuvan kulutuksen ja ostovoiman kasvuna, mutta tapahtumilla on myös merkittäviä välillisiä vaikutuksia. Suur tapahtumilla nähdään myös merkittäviä sosiaalisia ja imagollisia merkityksiä. Kansainvälisten tapahtumien taloudellisten vaikutusten arvioimiseksi tehdään säännöllisesti vaikuttavuustutkimusta.

Kontiolahden ampumahiihtokeskus kansainvälisten suur tapahtumien järjestämisareenana on Pohjois-Karjalan maakunnallinen kärkihanke. Suomessa Kontiolahden ampumahiihtokeskus on ainoa, jolla on kansainvälisen ampumahiihtoliitto IBU:n myöntämä A-lisenssi, joka oikeuttaa hakemaan kansainvälisiä arvokisoja.

Yhteistyösopimuksen osapuolten tehtävät

Yhteistyösopimuksen osapuolten tehtävänä on yhdessä

- tukea Pohjois-Karjalan tunnettuutta ja elinvoimaisuutta kansainvälisesti ja myös kotimaassa
- vastata laaja-alaisesta ja yhteisöllisestä sitoutumisesta tapahtumien hakemiseen, suunnitteluun, kehittämiseen ja jälkiarviointiin
- tukea mahdollisuuksien mukaan osaamisellaan, verkostoillaan ja taloudellisilla resursseillaan ampumahiihdon kansainvälisten tapahtumien hakemista, saamista ja järjestämistä Suomessa
- arvioida säännöllisesti ampumahiihdon kansainvälisten tapahtumien onnistumista ja niiden synnyttämää lisäarvoa

Yhteistyösopimuksen osapuolet ja roolit

Kontiolahden Urheilijat ry

- *Olla aktiivinen ja aloitteellinen toimija ampumahiihdon kansainvälisten tapahtumien osalta ja toteuttaa tapahtumat laadukkaasti ja vastuullisesti yhteistyössä yhteistyösopimuksen osapuolten kanssa*
- *Ylläpitää ja kehittää operatiivisia toimintoja, tapahtumaorganisaatiota ja sen toimijoiden osaamista*
- *Osallistua säännöllisesti IBU:n ja arvokisoja järjestävien väliseen yhteistyöhön*

Kontiolahden kunta

- *Mahdollistaa ampumahiihtostadionin ja sen ympäristön suunnitelmallista ylläpitoa ja kehittämistä*
- *Tukea teknisten tukien ja avustusten kautta tapahtumien järjestämistä ja hakuprosesseja*
- *Toteuttaa kansallista edunvalvontaa tapahtumien toteuttamiseen ja hakuprosesseihin liittyen*

Joensuun kaupunki

- *Tukea teknisten tukien ja avustusten kautta tapahtumien järjestämistä ja hakuprosesseja*
- *Toteuttaa kansallista edunvalvontaa tapahtumien toteuttamiseen ja hakuprosesseihin liittyen*
- *Edesauttaa huippu- ja ammattiurheilun olosuhteiden, valmennuksen ja urheilupalveluiden kehittymistä Joensuun seudulla*
- *Vahvistaa Joensuun seudun tunnettuutta huippu- ja ammattiurheilun avulla opiskelu- ja asuinpaikkakuntana muun muassa urheiluakatemiatoiminnan avulla*

Pohjois-Karjalan maakuntaliitto

- *Tukea aluekehityksen toimenpitein mahdollisuuksien mukaan, erityisesti hankerahoituksin, tapahtumien ja olosuhteiden kehittämistä sekä hakuprosesseja*
- *Toteuttaa kansallista edunajamista tapahtumien toteuttamiseen ja hakuprosesseihin, saavutettavuuteen ja olosuhteisiin liittyen*
- *Vahvistaa maakunnallista yhteistyötä tapahtumien, urheilun, matkailun, markkinoinnin ja saavutettavuuden parantamiseksi*

Pohjois-Karjalan Kauppakamari

- *Jäsen- ja sidosryhmäverkostojen tuominen toiminnalliseen ja taloudelliseen yhteistyöhön mukaan*
- *Kansallisen ja kansainvälisen verkoston tarjoaminen osaamiseen ja markkinointiin*
- *Toimia kumppanina laadukkaasti toiminnan varmistamiseksi ja kilpailun onnistumiseksi*

Pohjois-Karjalan Yrittäjät ry

- *Aktivoida alueen yrityksiä palvelutarjonnassa kisavieraille*
- *Aktivoida alueen yrityksiä osallistumaan kisoihin ja kutsumaan esimerkiksi yhteistyökumppaneita katsomaan kisoja*

Itä-Suomen yliopisto

- *Tukea tapahtumien järjestämistä tarjoamalla yliopiston tutkimus- ja kehittämistoiminnan kautta saatavaa tietoa ja tietämystä hyödynnettäväksi tapahtumien markkinoinnissa ja tapahtumien aikaisessa toteuttamisessa*
- *Vahvistaa Joensuun seudun tunnettuutta opiskelu- ja asuinpaikkakuntana huippu-urheilijoille ja tukea opiskelun ja huippu-urheilun yhdistämistä yhteistyössä urheiluakatemia ja muiden toimijoiden kanssa*
- *Tarjota yliopiston opiskelijoille, erityisryhmänä kansainväliset opiskelijat, osallistumismahdollisuutta tapahtumaan*

- *Urheilutapahtumayhteistyö on osa yliopiston vuorovaikutusstrategiaa. Yliopisto on myöhemmin yhteisesti sovittavalla tavalla mukana tukemassa varsinaista kisatapahtumaa myös yliopiston resursseilla*

Karelia-ammattikorkeakoulu

- *Osallistua tapahtumiin vuosittain, erityisesti matkailun ja liiketalouden opiskelijat*
- *Toimia opiskelijaresursseilla tapahtumien aikana eri tehtävissä (asiakaspalvelutehtävät, opastukset, ohjelmalvelut)*
- *Tukea tapahtuman kehittämistä asiakastytyväisyyselvityksien, markkinointisuunnitelmien, opinnäytetöiden ja harjoittelujen avulla*

Pohjois-Karjalan koulutuskuntayhtymä Riveria

- *Osallistua ampumahiihdon kansainvälisiin tapahtumiin vuosittain erikseen sovittavalla tavalla*
- *Toimia eri tehtävissä opiskelijaresursseilla (työssäoppiminen, harjoittelu, projektit) tapahtumien valmistelussa ja niiden aikana erikseen sovittavalla tavalla*

VisitKarelia Oy

- *Tukea, vahvistaa ja mahdollistaa tapahtuman näkyvyyttä ja houkuttelevuutta eri viestintäkanavissa kotimaassa ja kansainvälisesti*
- *Tukea tapahtumaviestinnän ja -markkinoinnin toteuttamista*
- *Aktivoida maakunnan matkailutoimijoita osallistumaan tapahtumaan ja sen järjestelyihin*

Kontionloikka Oy

- *MM-kisahaun mahdollistaminen hanketoiminnalla*
- *Kontiolahden alueen matkailumarkkinointi ja matkailuyritysten osaamisen kehittäminen*
- *Tapahtumajärjestelyiden tukeminen ennen kisaa ja sen aikana*

Business Joensuu Oy

- *Edistää tapahtuman tunnettuutta ja markkinointia omassa yritysverkostossaan*
- *Tukee MM-kilpailujen näkyvyyttä omissa vaikuttamiskanavissaan ja tarjoaa osaamistaan tapahtuman myyntiin ja markkinointiin*
- *Edistää yhdessä tekemistä tapahtuma-avustusten hankinnassa*

Itä-Suomen liikuntaopisto

- *Tarjoaa majoituspalveluita*
- *Avustaa teknisten kilpailutoimintojen järjestämisessä*
- *Tukee ja edesauttaa osaltaan tapahtuman markkinointi- ja viestintäyhteistyössä*
- *Kehittää ja toteuttaa huippu- ja ammattuurheilun sekä liikunnan koulutus, valmennus- ja urheilupalveluita Joensuun seudulla (ml. tapahtumajärjestäjäkoulutus)*

Pohjois-Karjalan Liikunta ry

- *Tukea viestinnällisen toimenpitein tapahtumaa ja siihen liittyvää talkootoimintaa*
- *Toteuttaa tapahtuman järjestämistä tukevia koulutuksia*

Suomen Ampumahiihtoliitto

- *Toimia yhteydenpitäjänä kansainväliseen ampumahiihtoliittoon (IBU) ja IBU:n jäsenmaihin*
- *Tukea verkostojensa ja asiantuntemuksensa kautta ampumahiihdon kansainvälisten tapahtumien hakuprosesseja ja järjestämistä*
- *Toimia tiiviissä yhteistyössä yhteistyösopimuksen osapuolten kanssa*
- *Toteuttaa kansallista ja kansainvälistä edunvalvontaa tapahtumien toteuttamiseen ja hakuprosesseihin liittyen*

Yhteistyösopimuksen voimassaolo ja irtisanominen

Yhteistyösopimus on voimassa toistaiseksi ja kukin osapuoli voi irtisanoa yhteistyösopimuksen osaltaan ilmoittamalla siitä kirjallisesti yhteistyösopimuksen osapuolille.

Yhteistyösopimusta arvioidaan säännöllisin väliajoin.


Yhteistyösopimuksen piiriin voidaan pyytää mukaan muita keskeisiä tahoja, joilla yhdessä katsotaan olevan seutukunnallista merkitystä ampumahiihdon kansainvälisten tapahtumien hakemisessa ja järjestämisessä. Muut keskeiset tahot hyväksyvät yhteistyösopimuksen sisällön ja vahvistavat oman roolinsa allekirjoittamalla erillisen yhteistyösopimuksen liitteen.

Yhteistyösopimusta hyödynnetään ampumahiihdon kansainvälisten kilpailujen hakemisessa ja sopimus käännetään englanniksi.

Allekirjoitukset


Joensuussa, 26. päivänä huhtikuuta 2022

Kontiolahden Urheilijat ry




Kimmo Turunen
Puheenjohtaja

Kontiolahden kunta




Jari Tuononen
Kunnanjohtaja

Joensuun kaupunki




Kari Karjalainen
Kaupunginjohtaja

Pohjois-Karjalan maakuntaliitto



Markus Hirvonen
Maakuntajohtaja

Pohjois-Karjalan Kauppakamari




Antti Toivanen
Toimitusjohtaja

Pohjois-Karjalan Yrittäjät ry




Merja Blomberg
Toimitusjohtaja

Itä-Suomen yliopisto




Jukka Mönkkönen
Rehtori

Karelia-ammattikorkeakoulu




Petri Raivo
Rehtori

Pohjois-Karjalan koulutuskuntayhtymä Riveria



Esa Karvinen
Rehtori

VisitKarelia Oy




Annamari Kärki
Toimitusjohtaja

Kontionloikka Oy



Jarkko Peiponen
Vt. toimitusjohtaja

Business Joensuu Oy




Tomi Haring
Toimitusjohtaja

Itä-Suomen liikuntaopisto



Petri Pennanen
Rehtori

Pohjois-Karjalan Liikunta ry



Tomi Pyylampi
Va. aluejohtaja

Suomen Ampumahiihtoliitto



Kalle Lähdesmäki
Puheenjohtaja

Cooperation agreement on applying for, organising and developing the conditions of Kontiolahti International Biathlon

Purpose and objectives of the cooperation agreement

The aim of the cooperation agreement is to apply for and organise international biathlon events (World Championships, World Cups, IBU Cups and other potential international biathlon competitions) in North Karelia. Strong regional cooperation and commitment will enhance the competitive advantage of Kontiolahti Biathlon as a venue for international events. Another common goal is to develop Kontiolahti Biathlon and the biathlon conditions in North Karelia.

The parties to the cooperation agreement express their strong will and commitment to support, where possible, through their expertise, networks and financial resources, applying for, acquisition and organisation of international biathlon events.

Background to the cooperation agreement

Biathlon World Cups, World Championships and other international biathlon events are important for North Karelia, the municipalities in the region, cities and business life, both for service companies and the export industry.

International events implemented in a high-quality and responsible manner have demonstrated the strong expertise and cooperation of the region of North Karelia and its partners in organising events. In the future, strong regional cooperation will be an essential competitive advantage in international competition for the right to organise events.

Major international events have a significant impact on the region's economy. The regional economic impacts of major events can be seen as an increase in consumption and purchasing power that directly affects the region, but the events also have significant indirect impacts. Major events also have a significant impact socially as well as on the region's image. To assess the economic impacts of international events, an impact study is carried out regularly.

Kontiolahti Biathlon Stadium as an arena for major international events is a spear-head project in North Karelia. In Finland, Kontiolahti Biathlon Stadium is the only ski centre holding an A licence granted by the International Biathlon Union (IBU), which entitles to apply for prestigious international competitions.

Tasks of the parties to the cooperation agreement

The parties to the cooperation agreement shall together agree to:

- support North Karelia's recognition and vitality both internationally and in Finland
- commit to broad and communal application for, planning, development and ex post analysis of events
- support, as far as possible, the application for, acquisition and organisation of international biathlon events in Finland through their expertise, networks and financial resources
- regularly assess the success of international biathlon events and the added value they create

Parties to the cooperation agreement and their roles

Kontiolahti Sport Club

- *Be an active and proactive actor in international biathlon events and implement them in a high-quality and responsible manner in cooperation with the parties to the cooperation agreement*
- *Maintain and develop operational functions, the event organisation and the competence of its actors*
- *Participate regularly in cooperation between IBU and the organisers of prestigious competitions*

Municipality of Kontiolahti

- *Enable systematic maintenance and development of the biathlon stadium and its surroundings*
- *Support the organisation of events and application processes through technical support and grants*
- *Implement national advocacy related to event organisation and application processes*

City of Joensuu

- *Support the organisation of events and application processes through technical support and grants*
- *Implement national advocacy related to event organisation and application processes*
- *Promote the development of conditions for elite and professional sports, coaching and sports services in the Joensuu region*
- *Strengthen the recognition of the Joensuu region through elite and professional sports as a place of study and residence, including through sports academy activities*

Regional Council of North Karelia

- *Support, where possible, through regional development measures, in particular project funding, the development of events and conditions as well as application processes*
- *Advocate for event organisation and application processes, accessibility and conditions on a national level*
- *Strengthen regional cooperation to improve events, sports, tourism, marketing and accessibility*

North Karelia Chamber of Commerce

- *Introduce member and stakeholder networks into operational and financial cooperation*
- *Provide a national and international network for expertise and marketing*
- *Act as a partner to ensure high-quality operations and the success of the competition*

Pohjois-Karjalan Yrittäjät

- *Activate the companies in the region to provide services for competition guests*
- *Activate the companies in the region to participate in competitions and invite their partners, for example, to watch competitions*

University of Eastern Finland

- *Support the organisation of events by providing information and knowledge obtained through the University's research and development activities for use in the marketing and implementation of events*
- *Enhance the recognition of the Joensuu region as a place of study and residence for elite athletes and support the combination of studies and elite sports in cooperation with the Sport Academy and other actors*
- *Offer the University's students, international students as a special group, the opportunity to participate in the event*
- *Cooperation in sports events is part of the University's interaction strategy. The University will also be involved in supporting the actual event with its own resources in a manner agreed upon jointly at a later date.*

Karelia University of Applied Sciences

- *Attend events annually, particularly the students of tourism and business*
- *Use student resources in different tasks during the events (customer service tasks, guided tours, programme services)*
- *Support the development of the event through customer satisfaction surveys, marketing plans, theses and internships*

North Karelia Municipal Education and Training Consortium, Riveria

- *Participate in international biathlon events annually in a manner separately agreed upon*
- *Use student resources in different tasks (on-the-job learning, internships, projects) in the preparation of events and during them in a manner separately agreed upon*

VisitKarelia Ltd

- *Support, strengthen and enable the visibility and attractiveness of the event in different communication channels both in Finland and internationally*
- *Support the implementation of event communications and marketing*
- *Activate the region's tourism actors to participate in the event and its arrangements*

Kontionloikka Ltd

- *Enabling the World Championships application process through project activities*
- *Tourism marketing in the Kontiolahti region and developing the competences of companies in the field of tourism*
- *Supporting event arrangements before and during the competition*

Business Joensuu Ltd

- *Promotes the recognition and marketing of the event in their own business network*
- *Supports the visibility of the World Championships in their own channels of influence and offer to utilise their competences in the sales and marketing of the event*
- *Promotes working together in the application for event grants*

Sports Institute of Eastern Finland

- *Provides accommodation services*
- *Assist in organising technical functions for the competition*
- *Supports and contributes to the event's marketing and communications cooperation*
- *Develops and implements education, training and sports services for elite and professional sports and physical activity in the Joensuu region (incl. event organiser training)*

Sports Federation of North Karelia

- *Support the event and related voluntary activities by means of communication*
- *Implement training that supports the organisation of the event*

Finnish Biathlon Federation

- *Liaise with the International Biathlon Union (IBU) and IBU member countries*
- *Support the application processes and organisation of international biathlon events through their networks and expertise*
- *Cooperate closely with the parties to the cooperation agreement*
- *Implement national and international advocacy related to event organisation and application processes*

Validity and termination of the cooperation agreement

The cooperation agreement is valid until further notice and each party may terminate the cooperation agreement for its part by notifying the parties to the cooperation agreement in writing.

The cooperation agreement shall be reviewed at regular intervals.

Other key parties may be invited to participate in the cooperation agreement, if they can be considered to have regional significance in applying for and organising international biathlon events. Other key parties accept the content of the cooperation agreement and confirm their own role by signing a separate appendix to the cooperation agreement.

The cooperation agreement shall be used to apply for international biathlon competitions, and the agreement will be translated into English.

Signatures

Joensuu, 26 April 2022

Kontiolahti Sport Club

Municipality of Kontiolahti

Kimmo Turunen
President

Jari Tuononen
Mayor

City of Joensuu

Regional Council of North Karelia

Kari Karjalainen
Mayor

Markus Hirvonen
Region Mayor

North Karelia Chamber of Commerce

Pohjois-Karjalan Yrittäjät

Antti Toivanen
CEO

Merja Blomberg
CEO

University of Eastern Finland

Karelia University of Applied Sciences

Jukka Mönkkönen
Rector

Petri Raivo
President

Riveria, Vocational Education and Training
Center

VisitKarelia Ltd

Esa Karvinen
Rector

Annamari Kärki
CEO

Kontionloikka Ltd

Jarkko Peiponen
CEO (temporary)

Sports Institute of Eastern Finland

Petri Pennanen
Rector

Finnish Biathlon Federation

Kalle Lähdesmäki
President

Business Joensuu Ltd

Tomi Haring
CEO

The Sports Federation of North Karelia (Pokali)

Tomi Pyylampi
Acting Regional Manager

ANNEX 1 B



MINISTRY OF EDUCATION AND CULTURE

International Biathlon Union
Sonystasse 20
5081 Anif b. Salzburg
Austria

IBU World Biathlon Championships 2027

As Minister for Science and Culture responsible for Sport, I write to offer my full support for Finnish Biathlon Federation's bid, to host the 2027 World Biathlon Championships in Kontiolahti.

Finland has an excellent track record in staging major international events including World Biathlon Championships already 9 times since 1962.

Kontiolahti is a reliable organiser of competitions. There is a long experience in hosting international biathlon events. Kontiolahti has made a strong commitment to implement ecologically, socially and economically sustainable policies.

Should the bid prove successful; we are ready to meet the requirements of the IBU for the candidate governments within the limits of national and EU legislation.

The Ministry of Education and Culture is looking forward to cooperating with you, the Finnish Biathlon Federation and the Municipality of Kontiolahti and North Karelia Region in organising a high standard event.

We welcome the Biathlon family to Finland.

Mr Petri Honkonen
Minister of Science and Culture

ANNEX 2

ORGANIZING COMMITTEE

OC Kontiolahti will commit to adhere to the gender equality across all phases and levels of organisation. The aim is to ensure for everyone a safe event environment to work and do volunteer work.

1. BIDDING COMMITTEE



2. TRANSITION TO ORGANIZING COMMITTEE AFTER THE ELECTION



IN COOPERATION WITH



12 MONTHS BEFORE THE CHAMPIONSHIPS

EVENT MANAGER: Sami Leinonen VICE EVENT MANAGER: Jarno Lautamatti CHIEF OF COMPETITION: Kimmo Turunen OC SECRETARY: Krista Asikainen						ACCOUNTS Marjanneli/ Sanna Turunen
CHIEF OF COMPETITION Kimmo Turunen	SALES AND MARKETING Jarno Lautamatti	MEDIA COORDINATION Heikki Hamunen	CATERING Irma Riekkinen	EVENT SERVICES Sami Leinonen	SECURITY, TRAFIC	LOGISTICS Sami Leinonen
DEPUTY COMPETITION CHIEF	MARKETING	SOCIAL MEDIA	VIP	VOLUNTEERS ADMINISTRATION Tiina Savolainen	SECURITY STEWARDING	TEMPORARY CONSTRUCTIONS
COMPETITION SECRETARY Jaana Pitkänen	PARTNERS	MEDIA CENTER	FAMILY CLUB	ACCREDITATION	ACCESS CONTROL	POWER
SHOOTING RANGE	TICKET SALES	COMMUNICATION	MEDIA	TEAM ACCOMMODATION	PARKING	PLOUGHING Municipality of Kontiolahti
TIMING AND STADIUM	EVENT PARK	TV COORDINATION	VOLUNTEERS	VIPS/GUESTS	TRAFIC SIGNAGE	STADIUM MAINTENANCE
COURSES	PRODUCT SALES	VISUALS/ GRAPHICS	CAFES AND GRILLS	SPECTATORS SERVICES	MEDICINE, FIRST AID	CLEANING
MATERIAL CONTROL			STORAGE	HOSPITALITY	GUARDING	SANITATION, WASTE MANAGEMENT
ANTIDOPING			MATERIALS	CEREMONIES	TRANSPORTATION	
TEAM SERVICE AREA				SCREENS AND SOUND PRODUCTION		
RESPONSIBILITY, SUSTAINABILITY, ENVIRONMENTAL PRODUCTION AND MANAGEMENT: Sari Jormanainen						



DURING THE CHAMPIONSHIPS

EVENT MANAGER: Sami Leinonen VICE EVENT MANAGER: Jarno Lautamatti CHIEF OF COMPETITION: Kimmo Turunen OC SECRETARY: Krista Asikainen						ACCOUNTS Marjanneli/ Sanna Turunen
CHIEF OF COMPETITION Kimmo Turunen	SALES AND MARKETING Jarno Lautamatti	MEDIA COORDINATION Heikki Hamunen	CATERING Irma Riekkinen	EVENT SERVICES Sami Leinonen	SECURITY, TRAFIC	LOGISTICS Sami Leinonen
DEPUTY COMPETITION CHIEF	MARKETING	SOCIAL MEDIA	VIP	VOLUNTEERS ADMINISTRATION Tiina Savolainen	SECURITY STEWARDING	TEMPORARY CONSTRUCTIONS
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SHOOTING RANGE	TICKET SALES	COMMUNICATION	MEDIA	TEAM ACCOMMODATION	PARKING	PLOUGHING Municipality of Kontiolahhti
TIMING AND STADIUM	EVENT PARK	TV COORDINATION	VOLUNTEERS	VIPS/GUESTS	TRAFIC SIGNAGE	STADIUM MAINTENANCE
COURSES	PRODUCT SALES	VISUALS/ GRAPHICS	CAFES AND GRILLS	SPECTATORS SERVICES	MEDICINE, FIRST AID	CLEANING
MATERIAL CONTROL			STORAGE	HOSPITALITY	GUARDING	SANITATION, WASTE MANAGEMENT
ANTIDOPING			MATERIALS	CEREMONIES	TRANSPORTATION	
TEAM SERVICE AREA				SCREENS AND SOUND PRODUCTION		
RESPONSIBILITY, SUSTAINABILITY, ENVIRONMENTAL PRODUCTION AND MANAGEMENT: Sari Jormanainen						



ANNEX 3 (Update 7.7.2022)

MAP OF COMPLETE STADIUM

- 1 Shooting Range
- 2 Shooting Ramp
- 3 Penalty Loop
- 4 Warm Up Area
- 5 Track Stands
- 6 Start and Finish
- 7 Main Building
- 8 Teams & Service Area
- 9 Event Park
- 10 Volunteers Tent
- 11 Media Centre
- 12 TV-compound
- 13 Transportation Office
- 14 Competition Office
- 15 Material Control
- 16 Spectators Tent
- 17 TV Platforms
- 18 Commentary Cabins
- 19 Family Club
- 20 Permanent Camera Platforms
- 21 Media Corridor on Range
- 22 Photo Position Range



ANNEX 4

TRACK MAPS

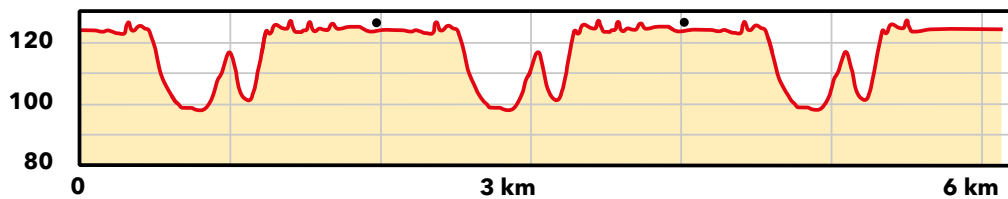
Relay, Women

● Red course, 4 x 3 x 2.0 km ●



TL = 6220 m
HD = 30 m
MC = 23 m
TC = 192 m

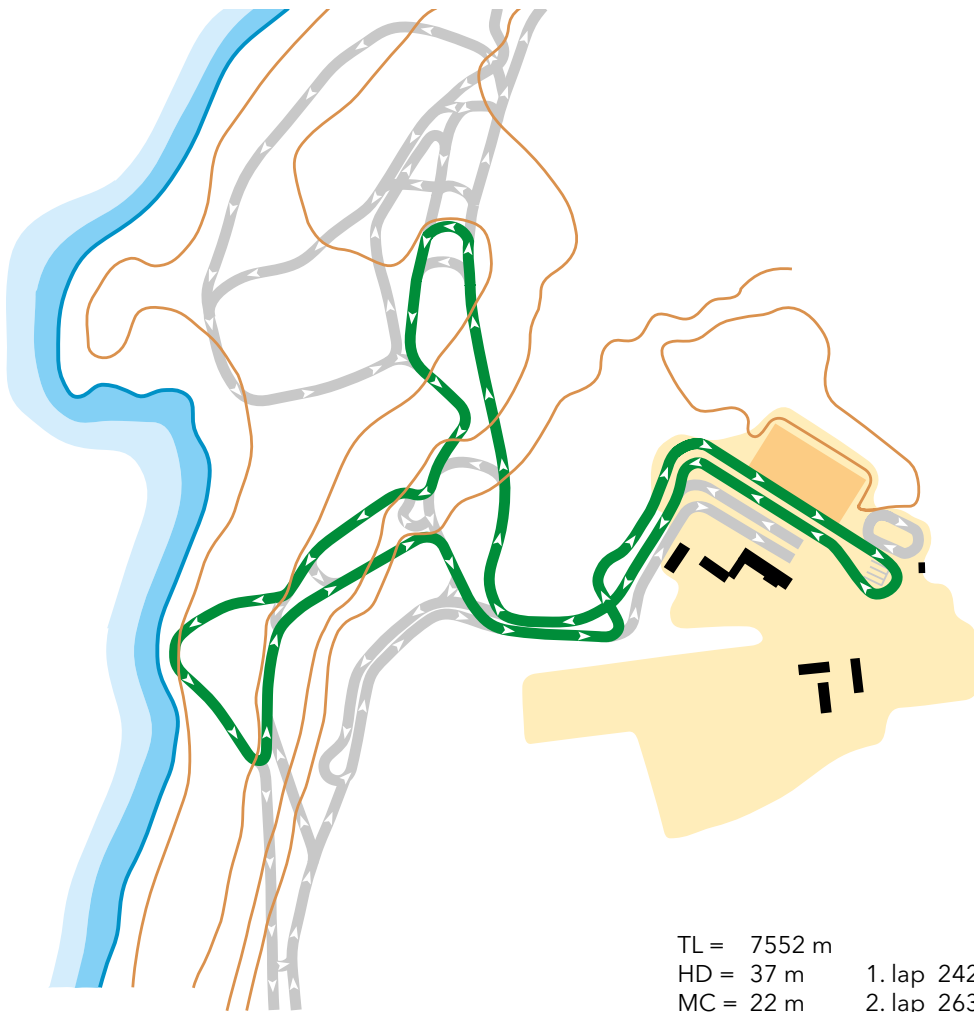
1. lap 1985 m
2. lap 2194 m
3. lap 2041 m



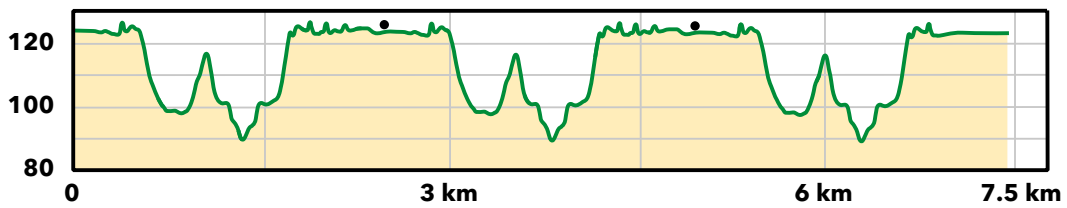
Relay, Men



● Green course, 4 x 3 x 2.5 km ●

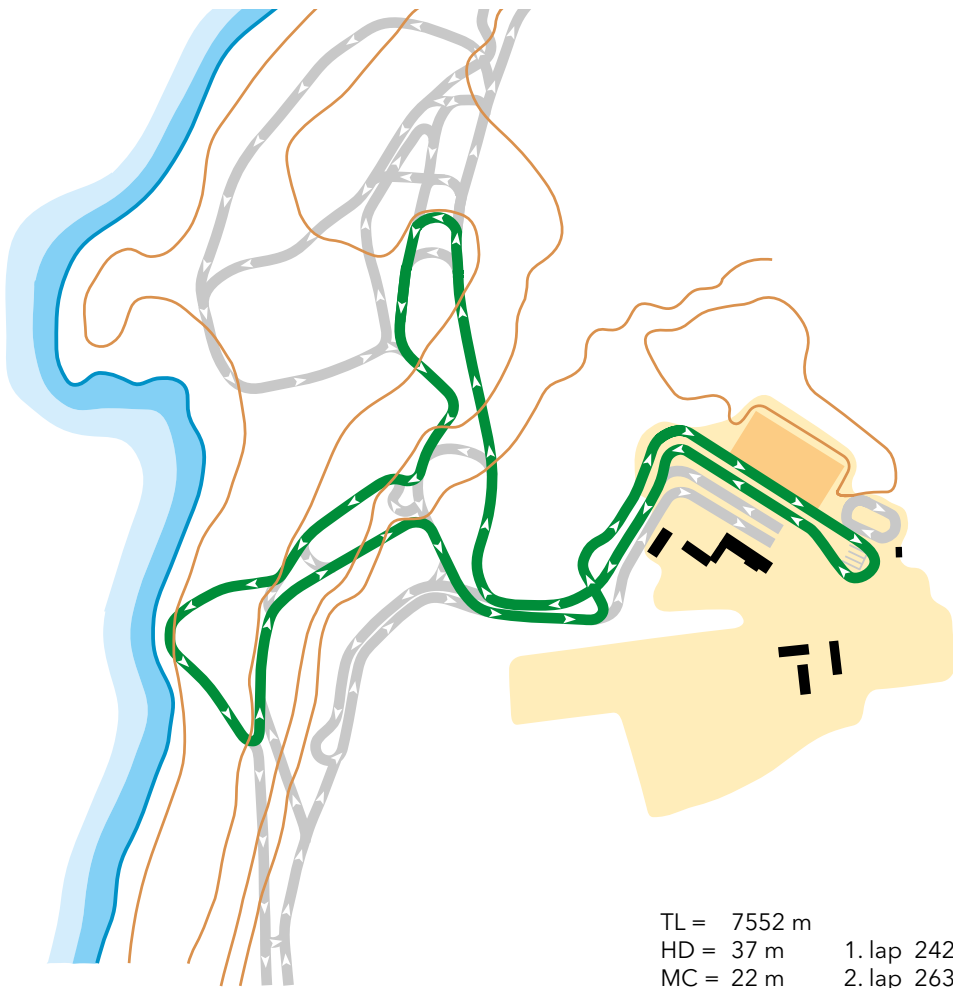


TL = 7552 m
HD = 37 m 1. lap 2429 m
MC = 22 m 2. lap 2638 m
TC = 228 m 3. lap 2485 m

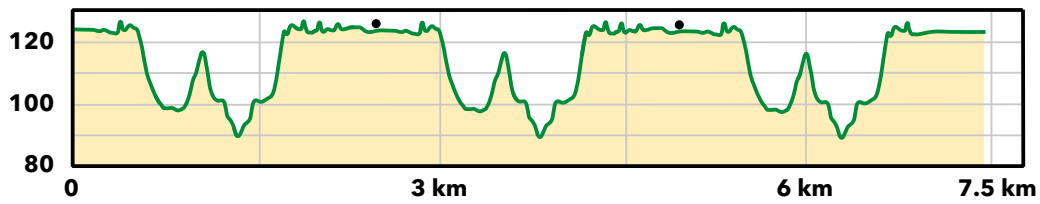


Sprint, Women

● Green course, 3 x 2.5 km ●

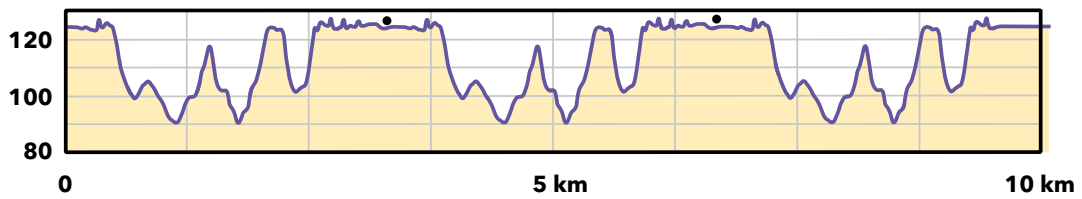
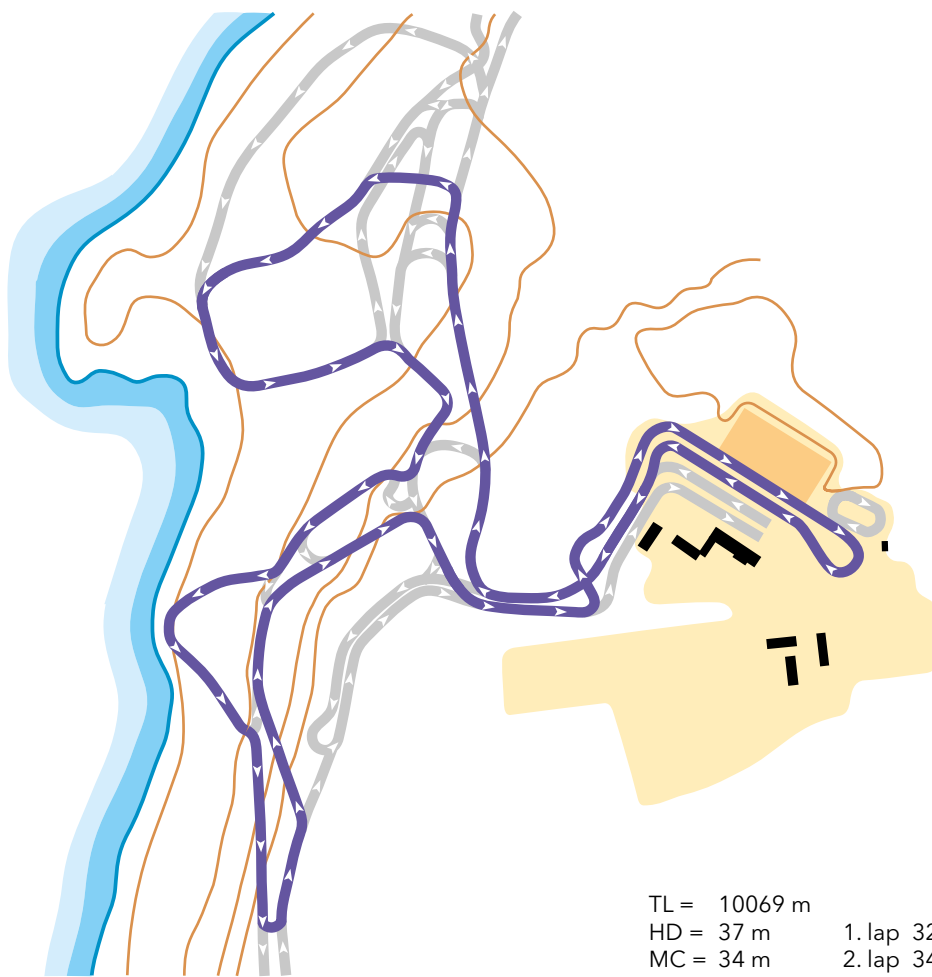


TL = 7552 m
HD = 37 m 1. lap 2429 m
MC = 22 m 2. lap 2638 m
TC = 228 m 3. lap 2485 m



Sprint, Men

● Blue course, 3 x 3.3 km ●



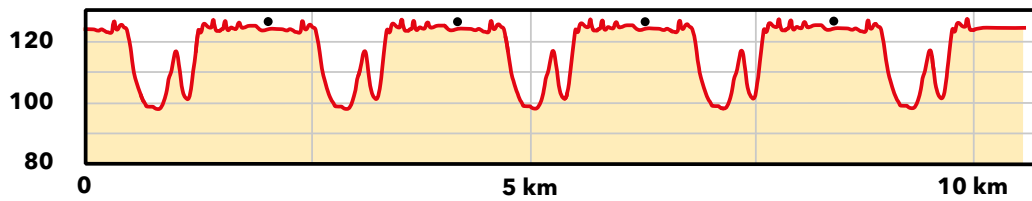
Pursuit, Women



Red Course, 5 x 2.0 km



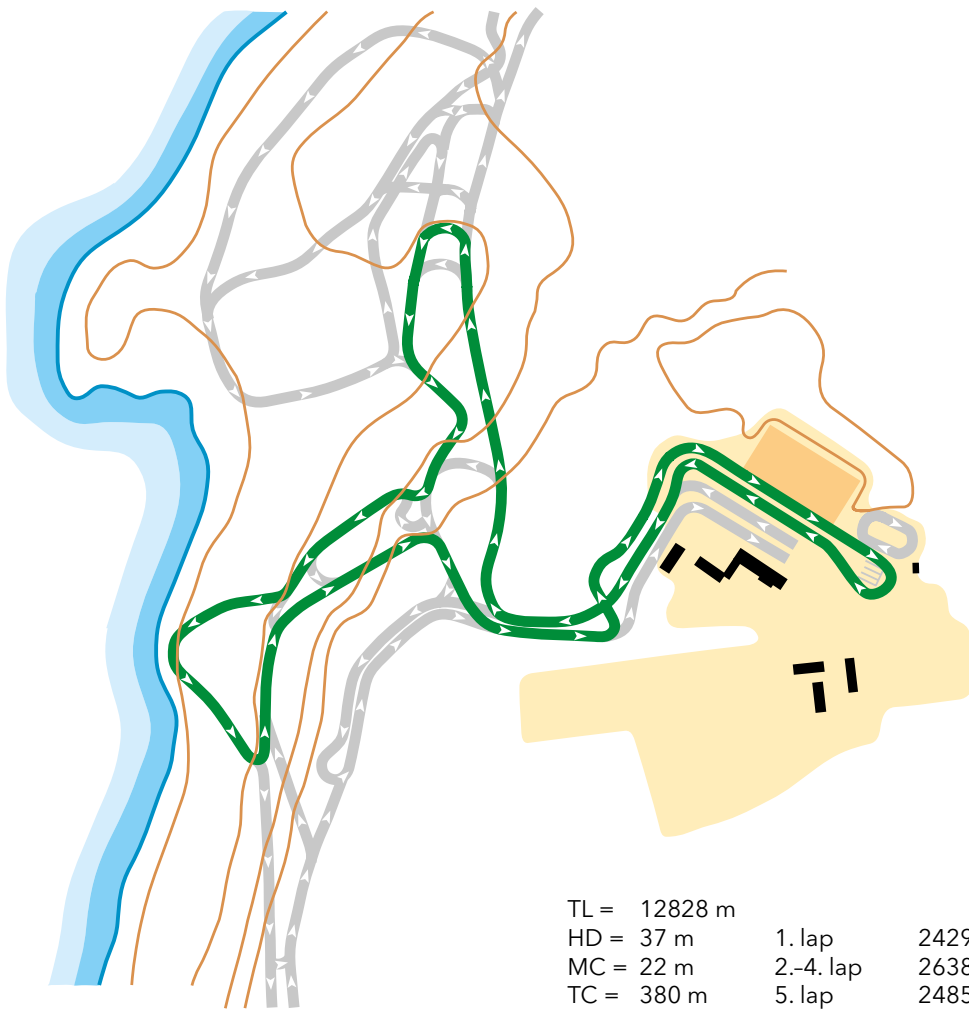
TL = 10608 m		
HD = 30 m	1. lap	1985 m
MC = 23 m	2.-4. lap	2194 m
TC = 320 m	5. lap	2041 m



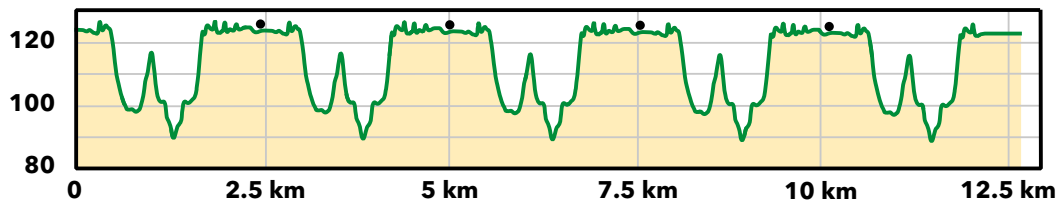
Pursuit, Men



● Green course, 5 x 2.5 km ●



TL = 12828 m		
HD = 37 m	1. lap	2429 m
MC = 22 m	2.-4. lap	2638 m
TC = 380 m	5. lap	2485 m



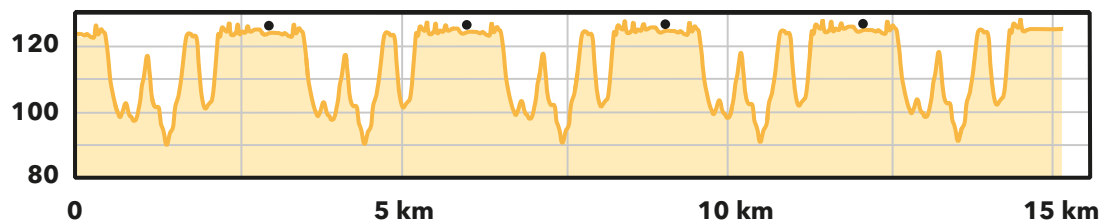
Individual, Women



● Yellow course, 5 x 3.0 km ●



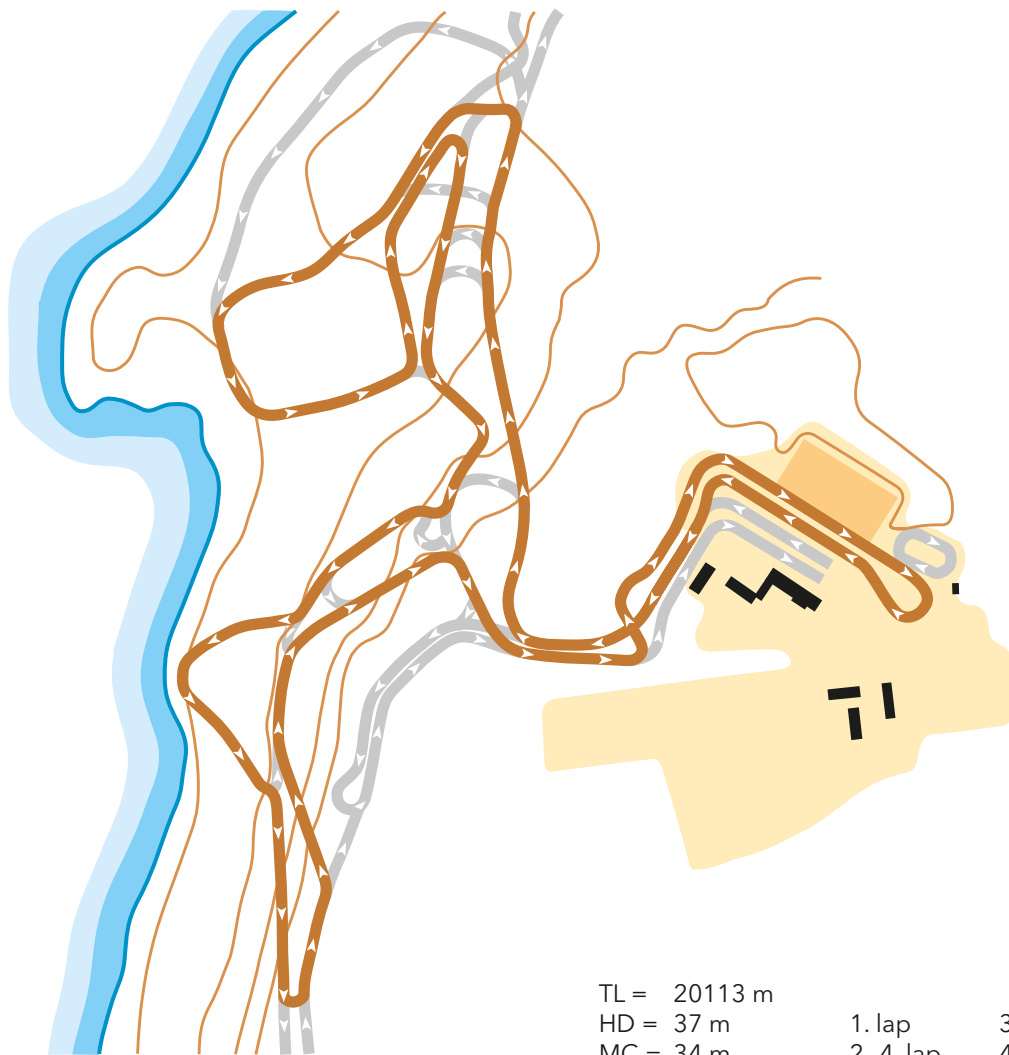
TL = 15238 m		
HD = 37 m	1. lap	2911 m
MC = 34 m	2.-4. lap	3120 m
TC = 510 m	5. lap	2967 m



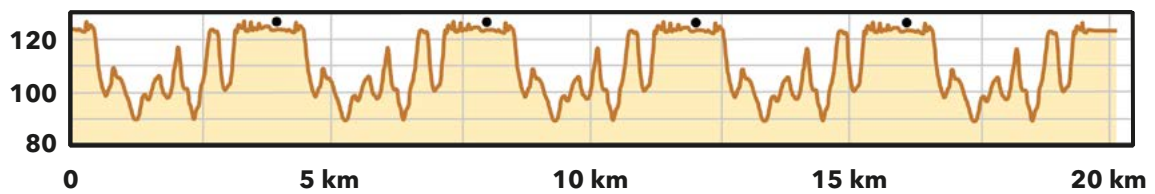
Individual, Men



● Brown course, 5 x 4.0 km ●



TL = 20113 m		
HD = 37 m	1. lap	3886 m
MC = 34 m	2.-4. lap	4095 m
TC = 635 m	5. lap	3942 m

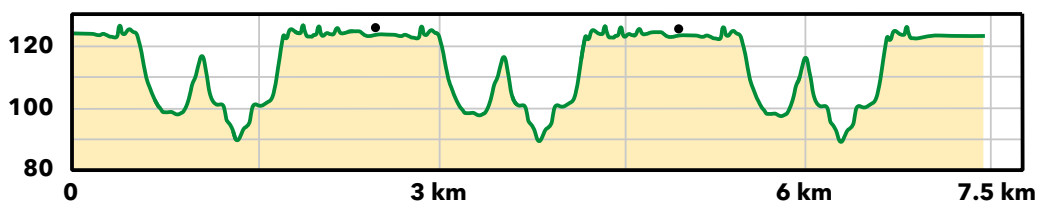


Mixed Relay

● Green course, 4 x 3 x 2.5 km ●



TL = 7552 m
HD = 37 m 1. lap 2429 m
MC = 22 m 2. lap 2638 m
TC = 228 m 3. lap 2485 m

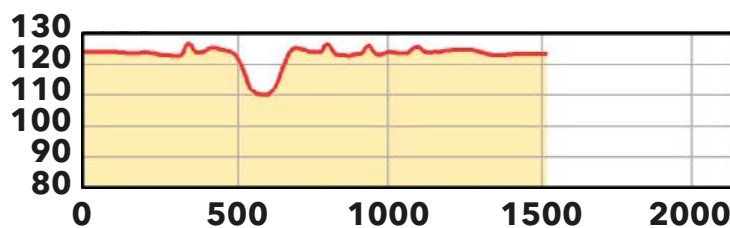


Single Mixed Relay



Orange course

Men 2 x 1,5 km + 2 x 1,5 km
Women 2 x 1,5 km + 3 x 1,5 km



TL = 1520 m
HD = 18 m
MC = 16 m
TC = 30 m



ANNEX 5 (Update 7.7.2022)

OC Kontiolahti appreciates high level and active co-operation with IBU experts as for organizing competitions, especially WCH'S. OC is prepared and wants to have after season 2023/2024 with IBU experts "Check point/update meeting" in which we view:

- OC will do re-evaluation the use of existing buildings and premises in co-operation with IBU.
- The list of improvements/investments which have been realized and are in due time normally progressing.
- The list of improvements, which need focusing, adjusting or if we find critical to speed up.
- We have a look and see if there are new issues/points of view to pay attention which we do not see at the moment, like sustainability, digitalization, etc.

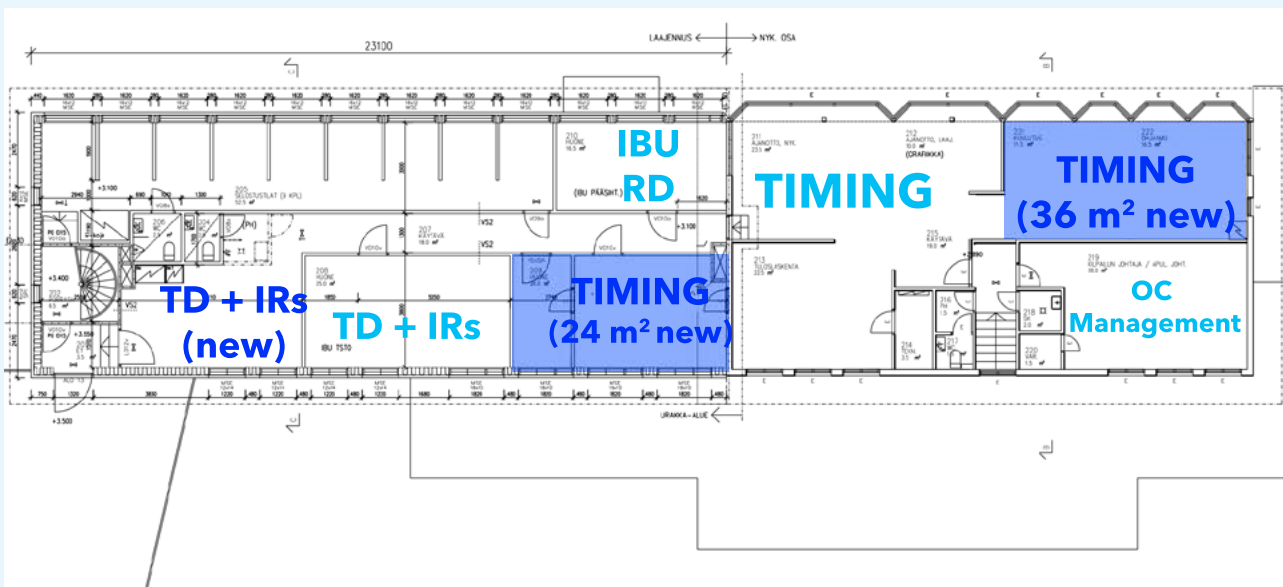
CONSTRUCTION/IMPROVEMENTS

LIST OF EXISTING INSTALLATIONS THAT WILL NOT REQUIRE ANY SIGNIFICANT CONSTRUCTION WORK PRIOR TO THE IBU WCH 2027

- Main building with rooms for
 - competition office, IBU offices, OC offices
 - media center including IBU Media & Communication
- Waxing and dressing rooms (21 permanent)
- Rooms for antidoping
- Toilets and showers

LIST OF EXISTING INSTALLATIONS REQUIRING MODIFICATIONS OR CONSTRUCTIONS ETC.

- Result service rooms will be adjusted approx. 60 m² more space.
- Siwidata will have more space in main building. Commentators and stadium production will be located in cabins.
- Re-evaluation the use of existing buildings and premises in co-operation with IBU.



LIST OF PROPOSED NEW COURSES, PERMANENT FACILITIES, INSTALLATIONS ETC.

- New courses won't be proposed. Wall uphill will be widened 3 metres for WCH2027 (improvements planned for 2025).
- Permanent facilities won't be proposed
- Plans for improvements at the stadium and courses
 - improvements of artificial lighting of courses 2023-2024
 - improvements of permanent fencing of the stadium 2022-2024
 - improvements of permanent stands of the wall climb and B stand 2022-2024
 - asphaltting for the team area, pathways/roads 2023-2026

LIST OF TEMPORARY STANDS AND THEIR CAPACITY

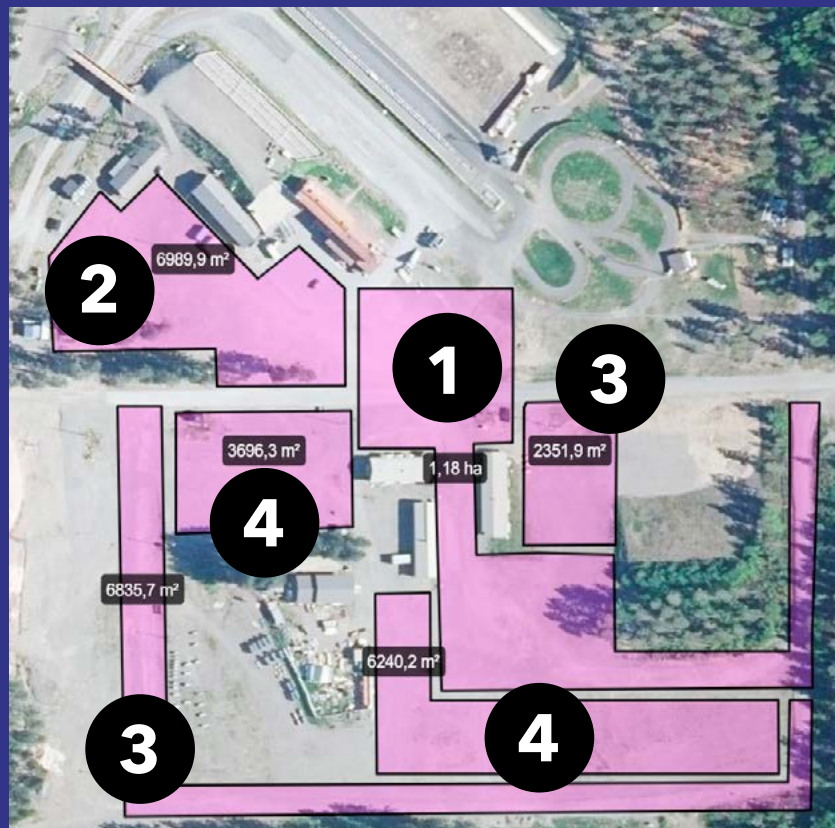
- Main stand 4500 persons
- B stand 1500 persons on stands + 1000 persons not on stands
- VIP stand 1000 persons

TIMETABLE FOR THE CONSTRUCTIONS

- New permanent facilities
 - Artificial lighting of courses will be renewed during 2022 and 2023
 - Improvements of permanent fencing of the stadium 2022-2024
 - Improvements of permanent stands of the wall climb and B stand 2022-2024
 - Asphaltting for the team area, pathways/roads/parking areas 2023-2026.
- Temporary constructions
 - Temporary constructions will start six (6) weeks before the WCH and will be ready one week before the arrival of teams.

ASPHALTING PLAN

1. Priority A
Team area to stadium and team park
2. Priority B
TV compound and yard area.
3. Priority C
Arrival road and wax truck parking area
4. Priority D
Other parking areas and Event Park



FINANCING OF IMPROVEMENTS

Funding of artificial lighting of courses 2023-2024 is already confirmed by municipality of Kontiolahti and planning is already in process. Constructions will be finalized by October 2023.

OC Kontiolahti, Finnish Biathlon Federation and Kontiolahti municipality has been negotiating with Ministry of Education and Culture in May 2022 for WCH202. Minister of Science and Culture gives full support for our application (Annex 1B).

OC Kontiolahti together with municipality of Kontiolahti will apply funding for improvements from Ministry of Education and Culture for planned investments which have not yet guaranteed funding (Annex 19). Ministry of Culture and Science can fund infrastructure of the venue 2025-2026.

VENUE DESIGN AND STYLING FOR WCH2027

OC Kontiolahti recognizes the visible presentation of the Championships in the venue, town, region, access roads and the arrival airport plays a significant role in creating a status for the event.

Strong event dressing with extensive use of the Championships' presence in an attractive and visible way strengthens its image. Examples include the use of flags in town, region, arrival airport(s); decoration and camouflage dressing (cover of fences, barriers, etc.), information boards, signage, etc. The event dressing will be agreed between IBU, OC and Infront as part of the overall design concept

Design and styling of permanent facilities and the venue will be reviewed together with Karelia-University of Applied Sciences and Riveria (vocational school in Joensuu). The aim is to have stylish and coherent outlook of buildings and a whole venue.



ANNEX 6

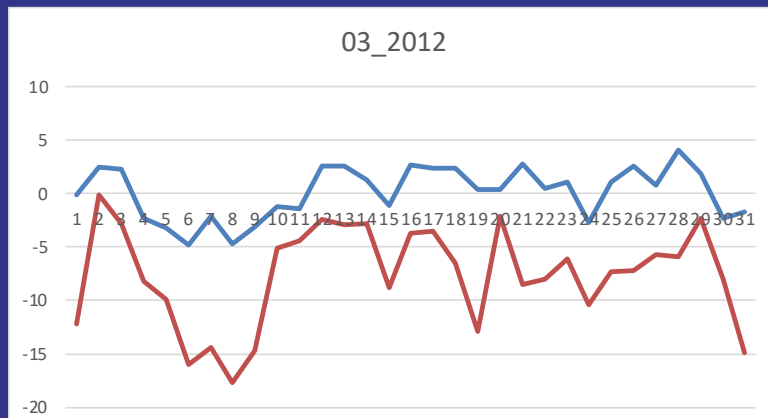
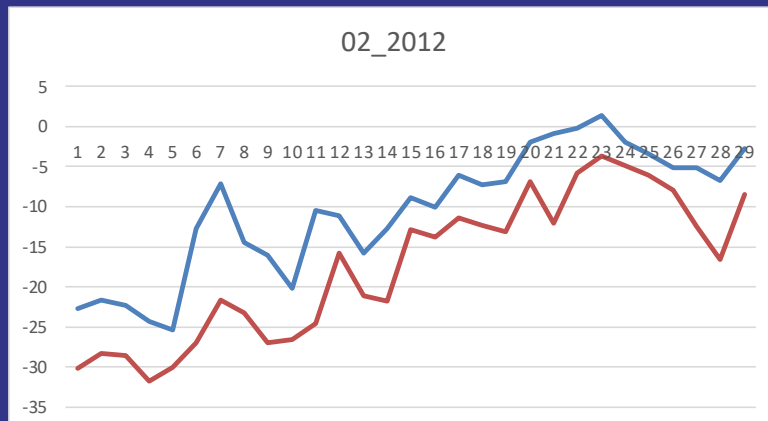
TEMPERATURE CHART WITH DAILY TEMPERATURES

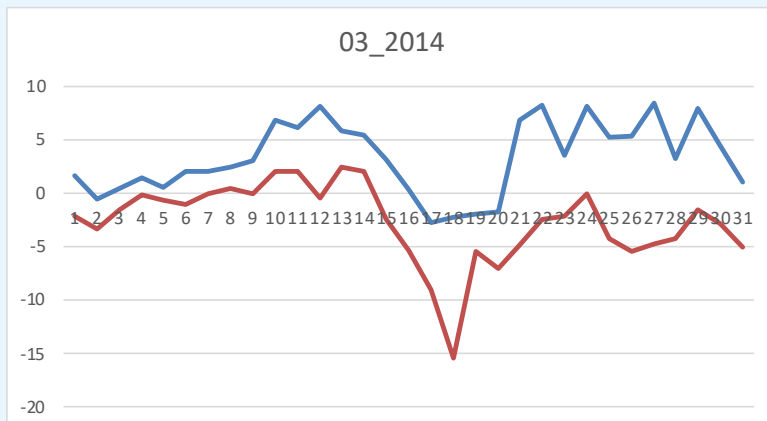
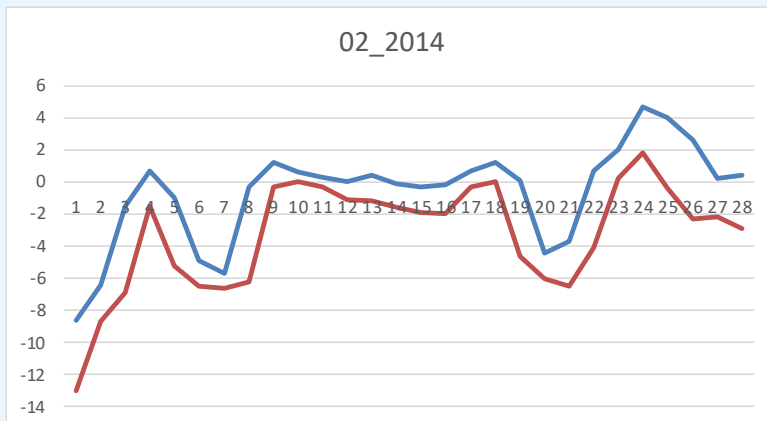
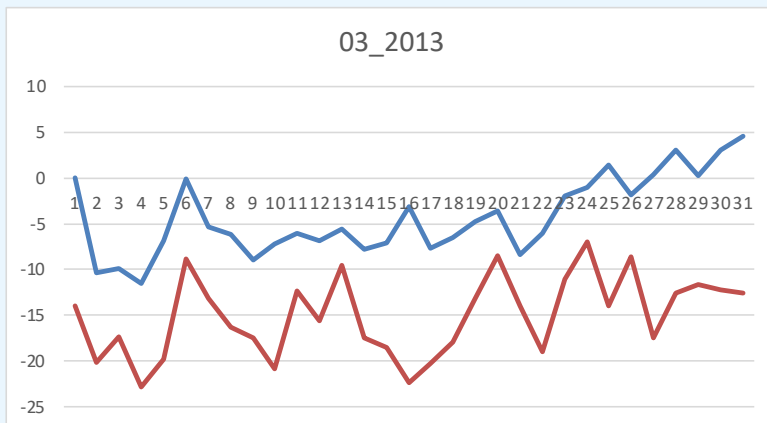
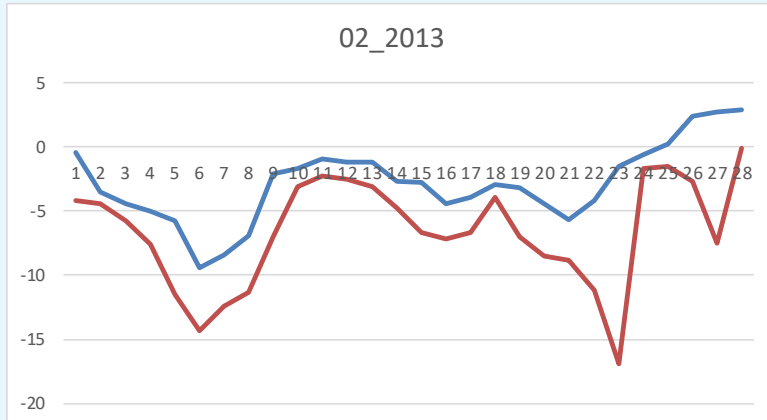
OC Kontiolahti has a readiness to organise the IBU Biathlon World Championships 2027 both in February and March. Due to higher risk of cold weather, OC Kontiolahti would prefer proposal of dates in March.

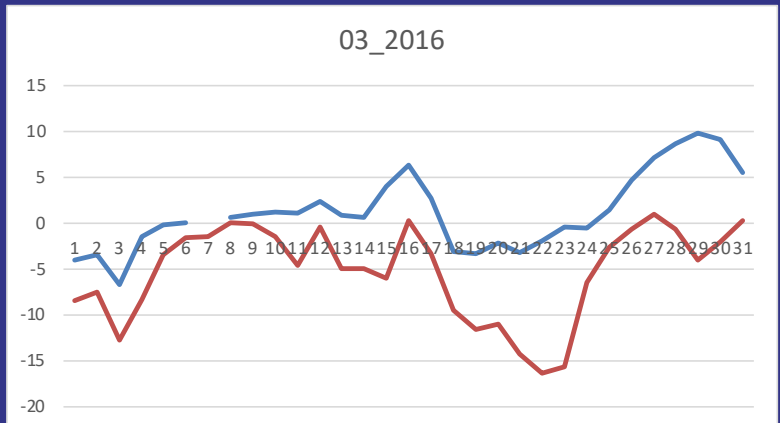
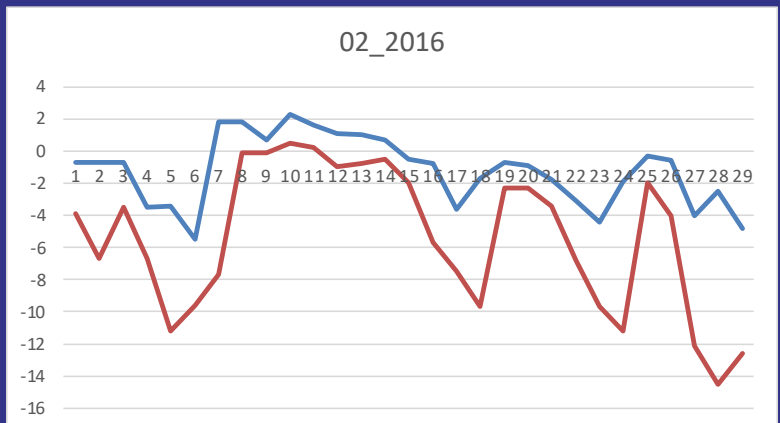
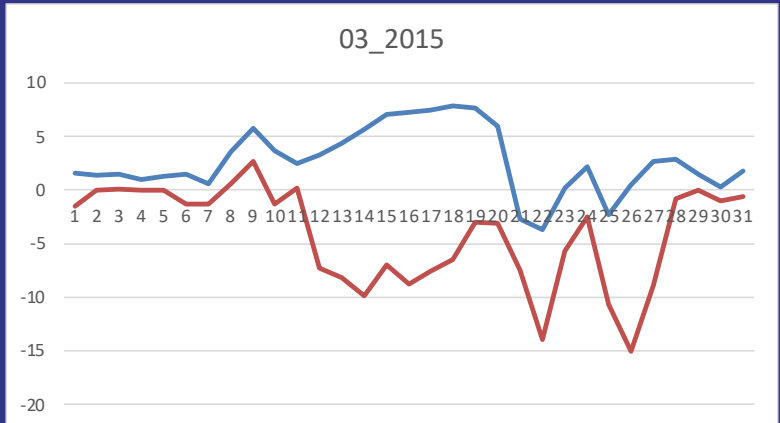
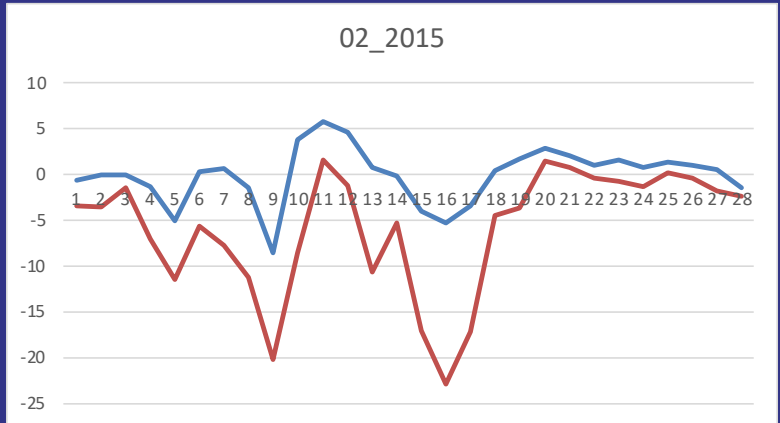
Data source: <https://en.ilmatieteenlaitos.fi/>
Weather station: Joensuu Airport (11 km from stadium)

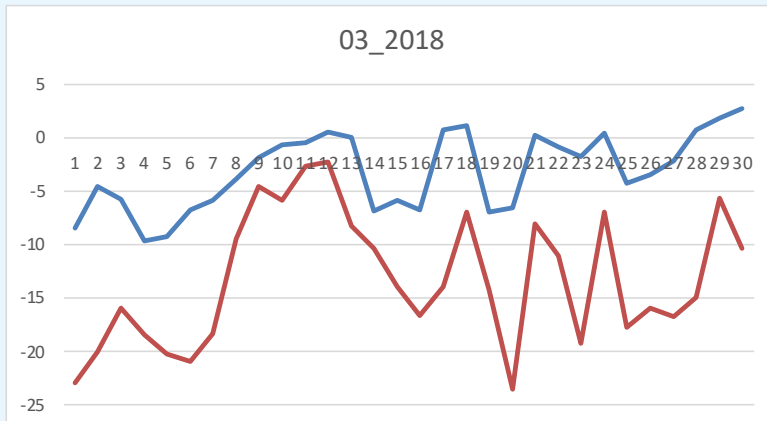
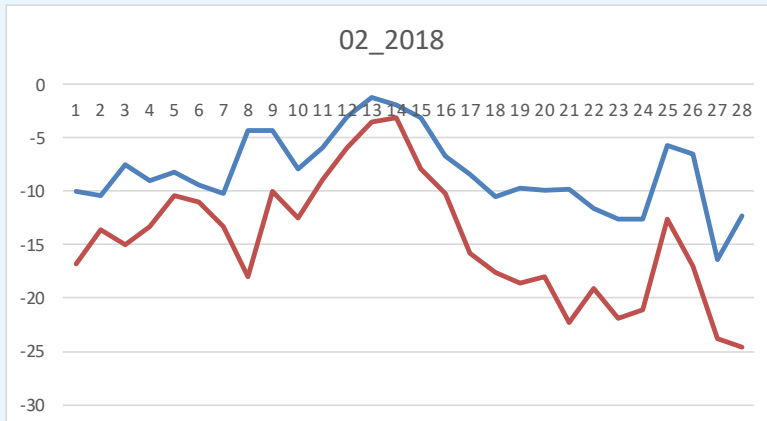
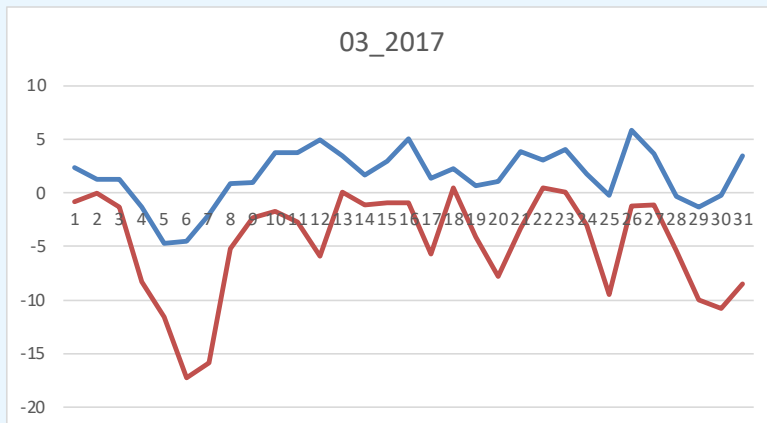
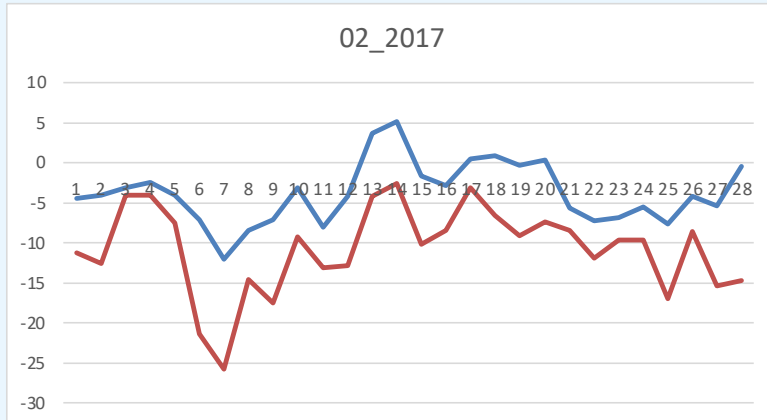
Max Temperature 

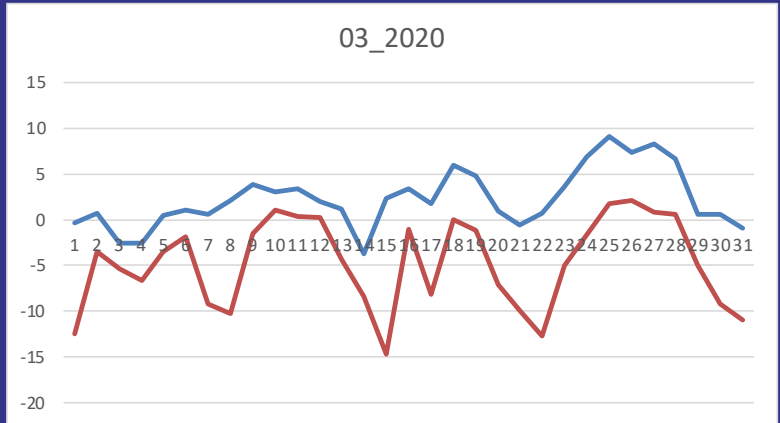
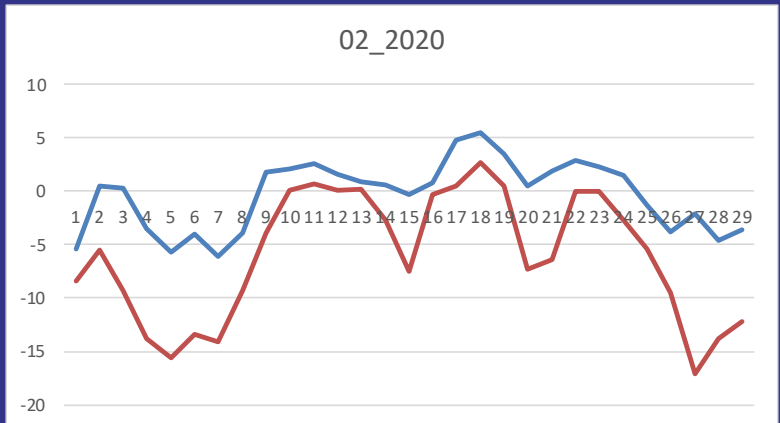
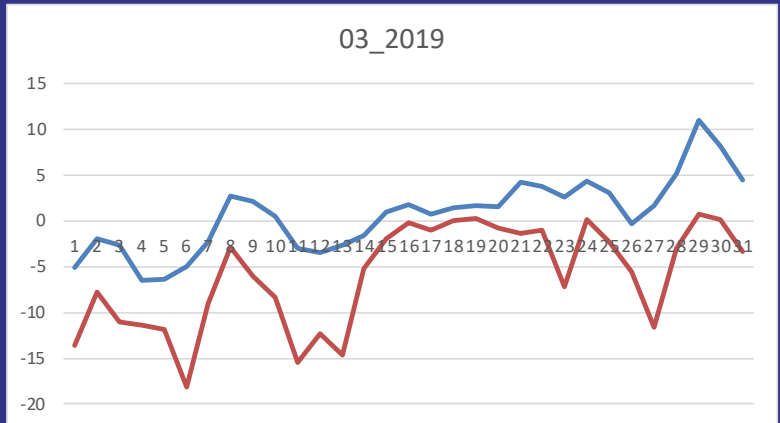
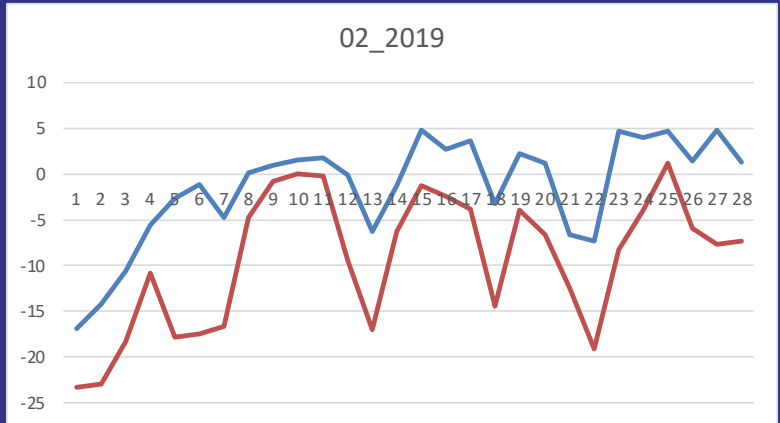
Min Temperature 

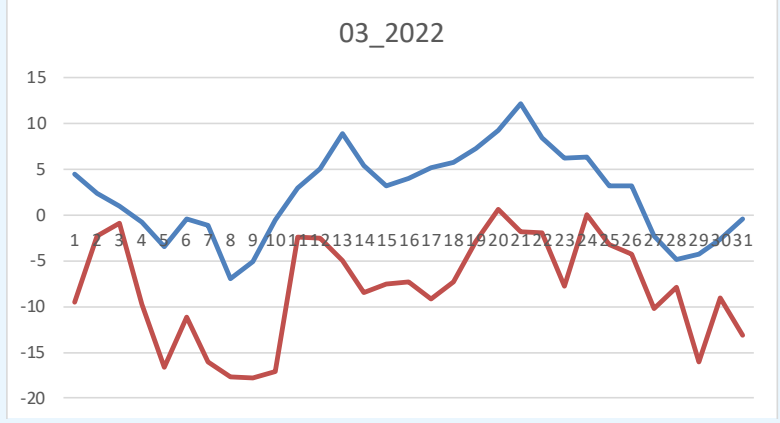
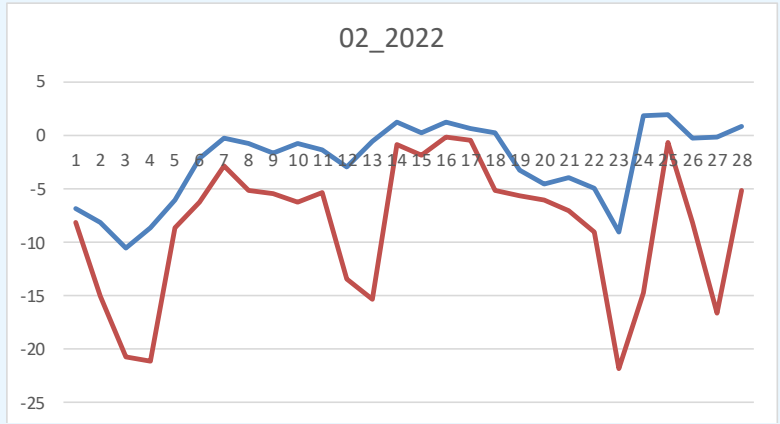
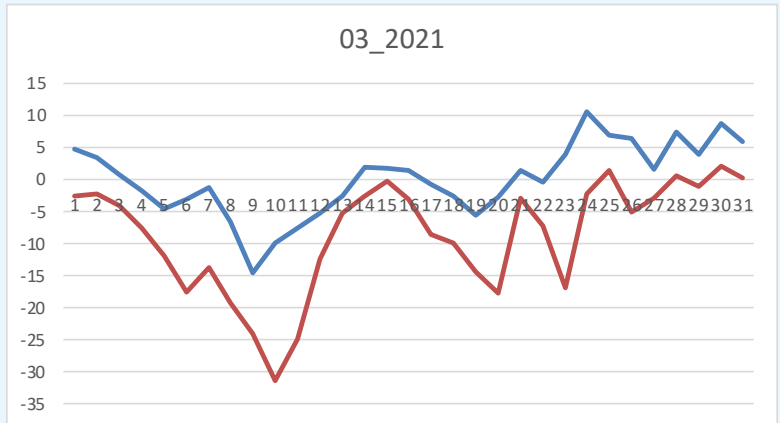
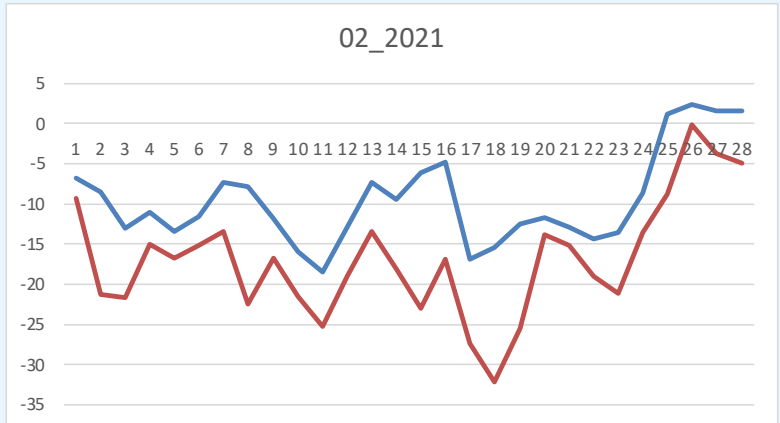












ANNEX 7 (Update 7.7.2022)

MAP OF LOCATIONS OF TV COMPOUND, MAIN MEDIA CENTER, MEDIA SUB-CENTERS, COMMENTATORS CABINS, TV STUDIOS/PLATFORMS, MIXED ZONE

Media will have extra cabins/tent/other construction next to current media center.

Temporary commentator cabins will be located next to Mixed zone as agreed in IBU Inspection 23.6.2022 with RD.

- 1 Shooting Range
- 2 Shooting Ramp

- 11 Media Centre
- 12 TV-compound

- 17 TV Platforms
- 18 Commentary Cabins

- 20 Permanent Camera Platforms
- 21 Media Corridor on Range
- 22 Photo Position Range



10 m

ANNEX 8 (Update 7.7.2022)

PERMANENT CAMERA PLATFORMS

Permanent camera platforms will be coordinated with Host broadcaster and will be adjusted if needed.



ANNEX 9

MAP OF MIXED ZONE, MEDIA CORRIDOR AT RANGE AND PHOTO POSITION OF RANGE AND TUNNEL



ANNEX 10

DETAILS OF THE THE TECHNOLOGY PRESENTLY USED

Whole area is equipped by optical fibre (stadion, cources, TV-compound, mixed zone). 30 connection points, minimum 6 fibres per connection point.

Lan also covers all the area. Lan is built for 1 Gb speed and main connections are built for 10 Gb. Firewall (duplicated) inside capacity is 30 Gb and outwards 10 Gb. Connection to the Internet through the firewall in maximum 10 Gb. Without firewall capacity to the Internet is almost unlimited, because to the main building comes from to suppliers minimum 24 optical fibres per supplier. Suppliers are Kaisanet and Elisa.

We can hire from our own capacity (max 10 Gb) to our customers 100 Mb bands with 500 € per band.

More capacity is possible to hire from local suppliers.

Inside Lan is devided to VLANs: media, subcontractors, visitors (teams etc.) and host.

There are 10 inside and 12 outside Access Point Base Stations (wifi) on the area, which will cover all stadium area. Capacity of every Base Station is minimum 200 simultaneous customers. Wifi is free of charge for everybody expect spectators during competitions.

During the competitions three operators (Elisa, Telia, DNA) bring their own Mobile Base Stations for Mobile Phones to the Stadium, which are equipped also with 5G connections.



ANNEX 11

BRIEF OVERVIEW OF THE TYPE OF TECHNOLOGY THAT MAY BE USED AND FOR WHICH PURPOSE

Kontiolahti Sport Club/OC Kontiolahti has invested to improvements of WLAN connections at the biathlon stadium during last few years. WLAN will also cover courses in the near future which will allow coaches to use WLAN connection on the courses. OC Kontiolahti will be prepared for requirements of digitalization of media services.

Finnish government is executing digital improvements as a part of Finnish digital strategy. We believe that in the next five years we will see big steps in this area world wide and in Finland. We in Finland and in OC Kontiolahti are committed to be a part of this development and provide high class services in the World Championships 2027.



ANNEX 12 (Update 7.7.2022)

MAP OF MEDICAL TREATMENT AREA POSITION WITH EMERGENCY PLAN INCLUDING AEDS

 Evacuation routes

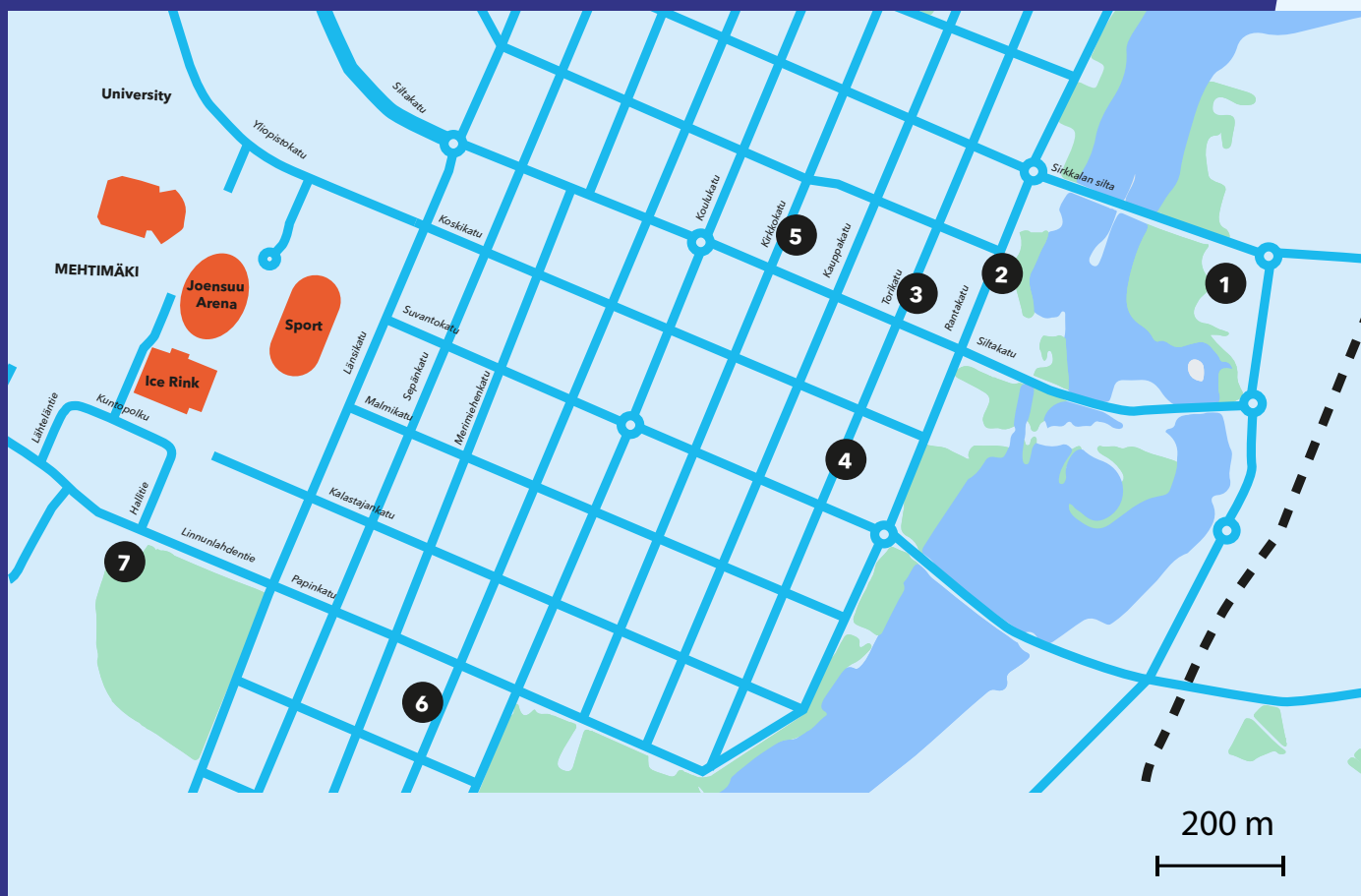
- 1 Shooting Range
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- 22 Photo Position Range



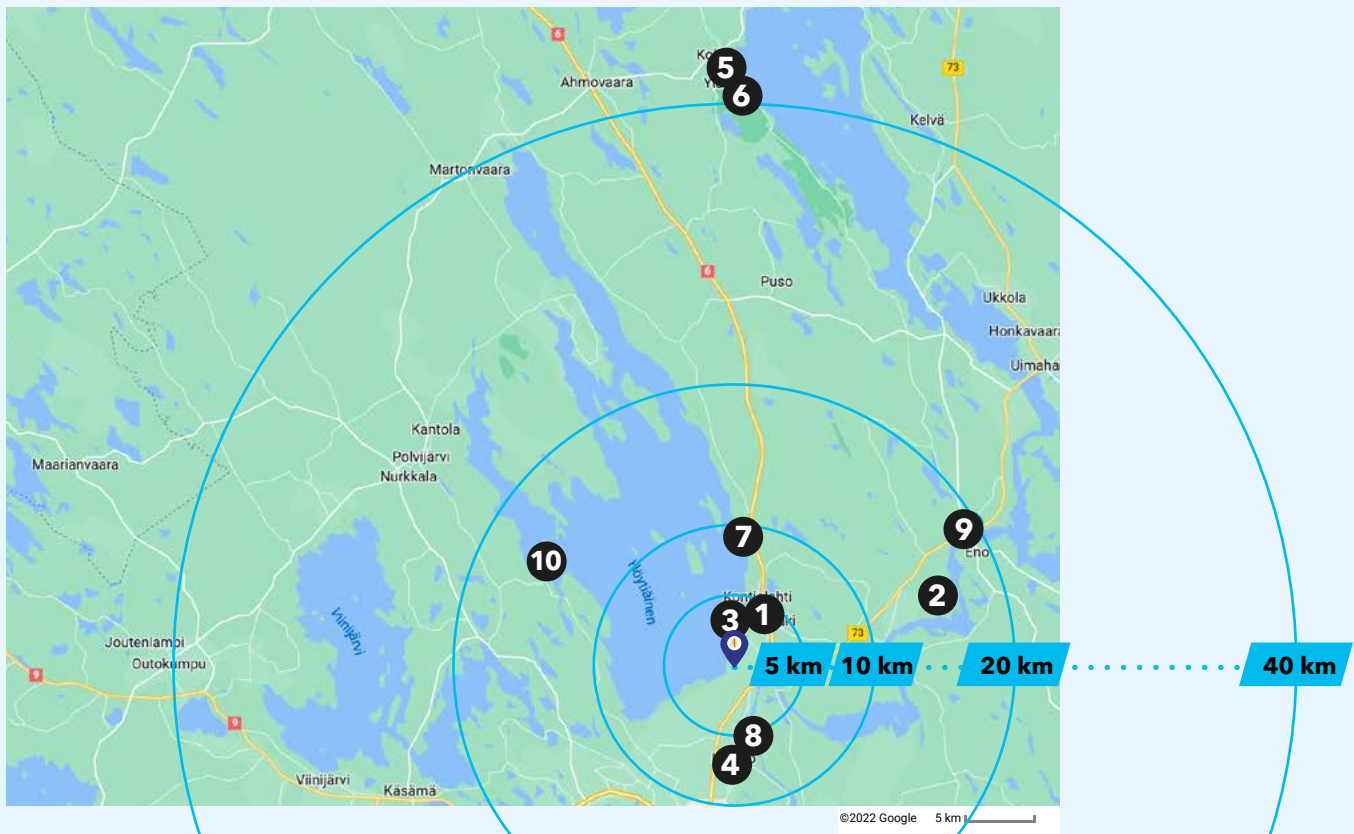
ANNEX 13

MAP OF HOTELS LOCATION

1. Hotel Kimmel (teams+officials)
2. Hotel Lietsu (teams)
3. Hotel Vaakuna (media)
4. Hotel Greenstar (teams)
5. Hotel Scandic (media)
6. Finnhostel (teams)
7. Holiday Linnunlahti (teams)



1. Motel Kontio (teams)
2. Kokkolan Erä (teams)
3. Vaara Sport (service providers)
4. Hotel Julie (media+guests)
5. Hotel Koli (media+guests)
6. Hotel Koli, new (media+guests)
7. Sirnihta (service providers)
8. Sampon Lomamökit (service providers)
9. Hotel Kaltimonkoski (service providers+guests)
10. Huhmari (media)



NEW ACCOMMODATION: TREE VALLEY KONTIORANTA

(Update 7.7.2022)

Kontioranta area (1-1,5 km from stadium) has an action plan to have 200-250 more accommodation places before the year 2027.

Tree Valley Kontioranta combines traditional and modern wood architecture with a variety of outdoor activities in nature. The design and development of the area will begin in the summer of 2022. The vision and the concept of the Tree Valley was inspired by the "Silicon Valley" as well as the famous "Moomin Valley". It is a meeting place for international talent as well as a peaceful environment that brings joy both to travelers and locals.

The Kontioranta area was underwater before lowering the lake Höytiäinen in 1859. Part of the area is still covered with fine white sand and scattered boulders by the lakeshore and islands. The vacation houses are designed to support easy logistics to various outdoor activities as well as nature travel.

Website: kontioranta.info

NEW ACCOMMODATION: NEW HOTEL KOLI

(Update 7.7.2022)

Constuction for new hotel Koli has been started in 2022. This will increase capacity with 130 rooms.

Opening in July-August 2023, the four-story village hotel consists of 130 hotel rooms, a casual, stylish restaurant, an attic sauna and three business premises. The hotel will have a parking area for about 130 cars with 10 charging points for electric cars. Hotel is located 55 km from Biathlon Stadium.



PRIVATE ACCOMMODATION

(Update 7.7.2022)

Kontiolahti OC will coordinate private accommodation project for Biathlon World Championships 2027 to provide efficient amount of accommodation places for teams, officials, media, guests and spectators.

Kontiolahti OC had similar project during Biathlon World Championships 2015.

During the Biathlon World Championships 2015 we had:

- Private accommodation places: 987 apartments/houses
 - Distance from stadium 5-60 km
- Average of persons in accommodation: 5 persons
 - Apartments for 1-6 persons.
 - Also some bigger houses for 7 persons or more.

- Total: ~5000 beds



ANNEX 14

DETAILS OF THE ACCOMMODATION RESERVATION SYSTEM FOR TEAMS, MEDIA/TV AND OTHER ACCREDITED GROUPS

OC Kontiolahti will have Accommodation office/Chief of accommodation who is responsible for all reservations for teams, media/TV and other accredited groups. OC Kontiolahti has reserved quota for all accredited persons.

There will be preliminary reservation system for all accredited groups after event dates will be confirmed.

ACCOMMODATION PLACES/ACCREDITATED GROUPS:

- **Teams:** Joensuu and Kontiolahti (10-20 minutes from stadium)
- **IBU/EBU/Siwidata:** Joensuu (20 minutes from stadium)
- **TV/Host broadcaster + Other TV teams** (20 minutes from stadium)
- **Supplying partners:** Joensuu, Kontiolahti (10-30 minutes from stadium)
- **Media+Guests:** Joensuu, Kontiolahti (20-30 minutes from stadium)
- Koli (50 minutes from stadium)

ACCOMMODATION PLACES/SPECTATORS:

- More than 2000 beds, 10-120 km from venue (AirBNB not included)
- Over 12 500 beds, 120-150 km from venue

ACCOMMODATION IN NORTH KARELIA

Statistics, March 2022

- 432 accommodation places
- 2115 rooms
- 3694 beds

Source: Visit Karelia, <https://www.visitkarelia.fi/en/>



ANNEX 15

SUMMARISE YOUR TRANSPORTATION PLAN

Reducing the transportation emissions is one essential commitment and measure of the environment programme. By offering shuttle buses for spectators and visitors for free of charge, OC Kontiolahti are able to minimize transportation by car. OC Kontiolahti will actively find out and promote alternative options and solutions to arrive to the stadium for example by train.

TEAMS

- Transportation from arrival and to departure will be organised by buses which will be ordered through reservation system of transportation
- Additional transports will be organised by request through reservation system of transportation
- Transportation during training and competition days will be organised by shuttle buses from official accommodation of teams
 - Shuttle buses will start two (2) hours before course will be opened
 - The last shuttle bus from the stadium will leave 30 minutes after course will be closed
- Transportation during training and competition days will be organised also by request for the teams which accommodation is booked via OC and situated separately from other accommodations.

GUESTS / OFFICIALS / SERVICE PROVIDERS

- Transportation will be organised by request through reservation system of transportation
- Service providers (Supplying Partners) will usually use their own transportation

MEDIA REPRESENTATIVES

- Transportation during training and competition days will be organised by shuttle buses from official accommodation of media
- Transportation during training and competition days will be organised also by request through reservation system of transportation if there is a capacity, specially those media which are accommodating elsewhere than at the official accommodation of media



SPECTATORS, FAN CLUBS, ETC.

a. By shuttle buses from Joensuu and Kontiolahti

- Transportation during competition days will be organised by shuttle buses from Joensuu and Kontiolahti, transportation is free of charge for spectators
- Shuttle buses will start 3 hours before the start of the first race and last shuttle bus from the stadium will leave 1 hour after the end of the last race
- Routes of shuttle buses of spectators
 - **From Joensuu:** Main square (Torikatu, 80100 Joensuu) - Biathlon Stadium (Napakympintie 24, 81100 Kontiolahti) - Main square (Torikatu, 80100 Joensuu)
 - **From Kontiolahti:**
 - **Route 1:** Bus station - Biathlon Stadium (Napakympintie 24, 81100 Kontiolahti) - Bus station
 - **Route 2:** Lehmo's school (Kylmäojantie 6, 80710 Lehmo) - Kylmäoja's school (Pohjatuulentie 6, 80710 Lehmo) - Biathlon Stadium (Napakympintie 24, 81100 Kontiolahti) - Kylmäoja's school (Pohjatuulentie 6, 80710 Lehmo) - Lehmo's school (Kylmäojantie 6, 80710 Lehmo)



b. By car

- Arriving of spectators is also possible by car, parking areas nearby the stadium are situated 750 m - 2500 m from the stadium (See Annex 17)
- Map of arriving

c. By train (Update 7.7.2022)

- Train will arrive from Helsinki to Joensuu railway station in 4,5 hours. There are 6 daily connections at the moment.
- OC will have discussion with train company for special WCH2027 train connections from Helsinki to Joensuu.
- OC has started conversation with train company to arrange a train transportation directly from Joensuu to Kontiolahti Biathlon Stadium. Temporary train station would be located 1 km from stadium.



ANNEX 16

DETAILS OF THE TRANSPORTATION CONCEPT FOR SPECTATORS AND VISITORS, MAP OF PARKING AREAS AND WALKING ROUTES

Reducing the transportation emissions is one essential commitment and measure of the environment programme. By offering shuttle buses for spectators and visitors for free of charge, OC Kontiolahti are able to minimize transportation by car. OC Kontiolahti will actively find out and promote alternative options and solutions to arrive to the stadium for example by train.

SPECTATORS AND VISITORS COULD COME TO THE STADIUM

a. By car

- There are eight (8) parking areas for spectators and visitors within walking distance, walking distance is between 750 meters to 2500 meters
- Total number of parking places for spectators and visitors is 3400 parking places

b. By shuttle bus

- Shuttle bus transportation will be organised from Joensuu and Kontiolahti to the stadium and back to Joensuu and Kontiolahti, as organised in the IBU World Cup Events
- Shuttle bus transportation for spectators is free of charge
- Shuttle buses will departure from the Main square and near the parking areas in Joensuu (map of parking areas in Joensuu)
- Shuttle bus transportation will be started three hours before the first competition and will be continued until one hour after the last race
- Shuttle buses will stop in front of the main entrance of the stadium

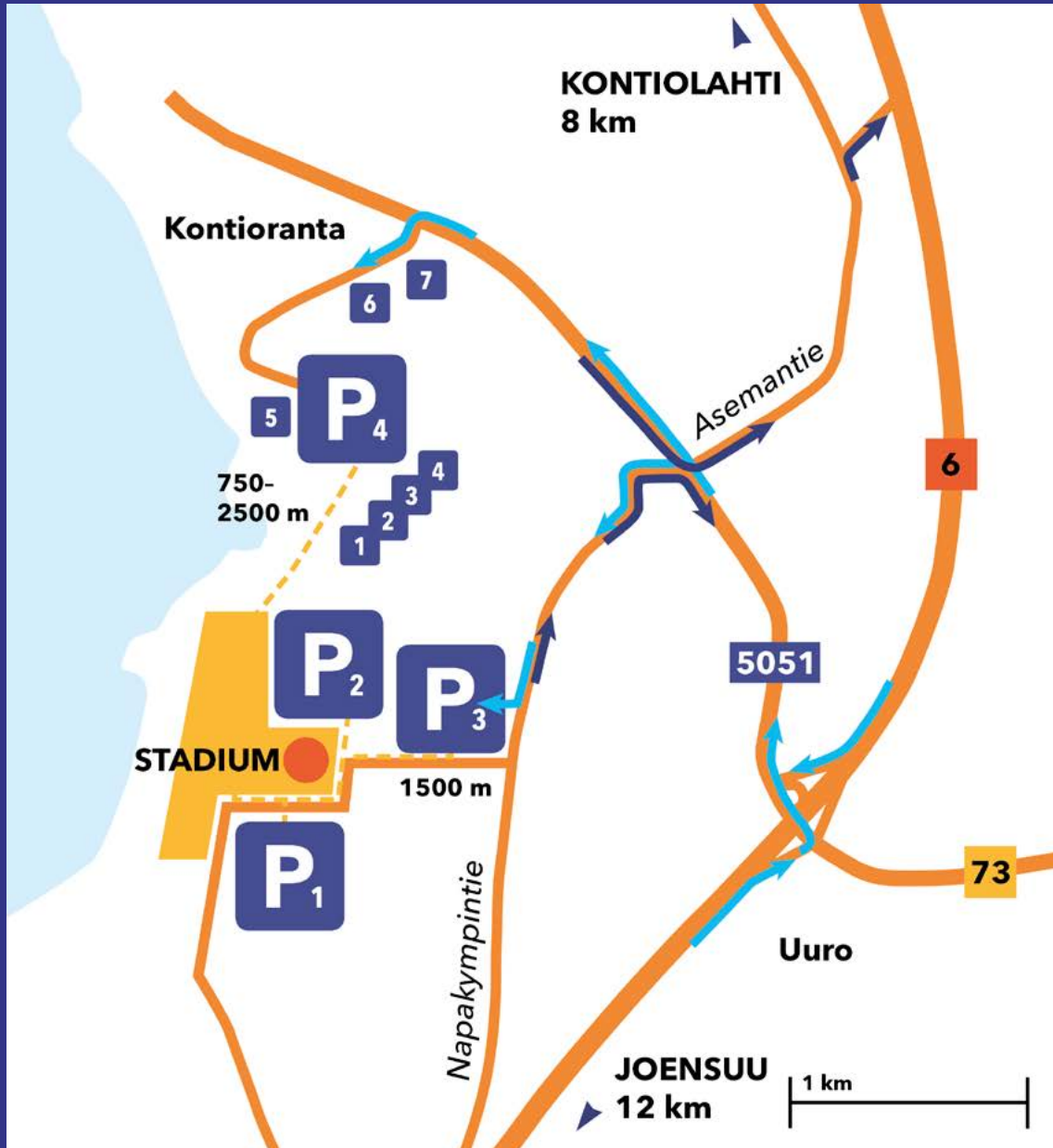
c. By train (Update 7.7.2022)

- Train will arrive from Helsinki to Joensuu railway station in 4,5 hours. There are 6 daily connections at the moment.
- OC will have discussion with train company for special WCH2027 train connections from Helsinki to Joensuu.
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ANNEX 17

MAP OF PARKING AREAS IN THE STADIUM



P₁ Media, VIP, Teams, Service

P₂ Volunteers

Entry

Exit

P₃ Spectators, camper vans

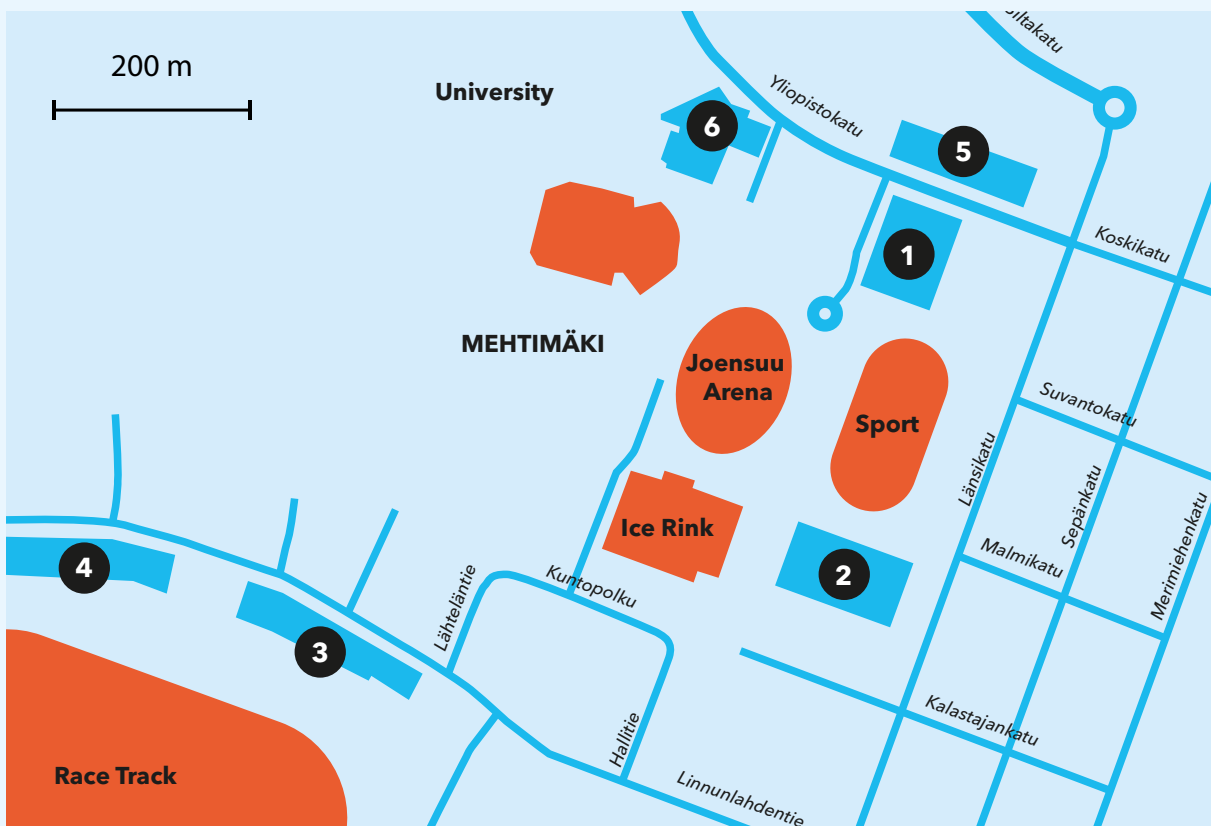
P₄ Spectators (Parking Areas 1-7)

Walking from Parking Areas



PARKING AREAS, JOENSUU

1.	Parking Area "Kenttämies"	6700 m ²	(250 pcs)
2.	Parking Area "Hiekkakenttä"	7000 m ²	(300 pcs)
3.	Race Track 1	5800 m ²	(250 pcs)
4.	Race Track 2	5800 m ²	(250 pcs)
5.	University 1	5000 m ²	(150 pcs)
6.	University 2	5000 m ²	(150 pcs)
	Total		1350 pcs



ANNEX 18 A

DESCRIBE THE SUSTAINABILITY PHILOSOPHY OF THE WCH

L.2 SUSTAINABILITY PHILOSOPHY

Our sustainability promise: The Biathlon World Championships in Kontiolahti is an economically, socially, and environmentally sustainable and responsible event committing all partners into the joint objectives of diminishing the event carbon footprint and enhancing the social inclusion and commitment.

We aim at being a responsible event organizer and partner for all stakeholders. We have already built a limited responsibility programme focusing on environment and sustainability, accessibility and inclusion, and safety. Our current EcoCompass Environment Management System and Certificate are part of the responsibility programme.

Our sustainability philosophy relies on, and our actions fulfill the goals of global, national, and regional sustainability objectives:

- UN's Global 2030 Agenda for Sustainable Development, and Finland's national action plan on the 2030 agenda
- IBU's Sustainability Strategy 2020-2030
- The Finnish Olympic Committee's Sustainability programme for the sports community 2020-2024
- The Finnish Biathlon Federation's responsibility objectives and Environmental programme 2021-2026
- North Karelia's Regional Strategy 2040

The national action plan on the 2030 agenda aims for an inclusive and competent Finland - a socially, economically, and ecologically sustainable society. The overarching and cross-cutting theme of the 2030 Agenda is that no one will be left behind in the pursuit of development. The Government Programme stresses social responsibility, which means that we bear responsibility for each other and our common future. We want to make sure that everyone stays on board. Democracy and respect for human rights are the key conditions for achieving the objectives of the 2030 Agenda and the Sustainable Development Goals, both in Finland and globally.

Our environmental programme and upcoming responsibility programme will address targets in all focus areas of IBU's Sustainability Strategy. For instance, the OC Kontiolahti has already committed to carbon management programme as part of the existing environmental programme.

North Karelia's Regional Strategy 2040 states that the climate change will challenge the regional economy and way of life in future. Therefore, our future actions need to be climate friendly, responsible, and based on clean solutions. The upcoming responsibility programme of Kontiolahti will address the regional strategy's climate and responsibility targets (e.g., creation of competitive advantage for local economy, use of research, education, and development organizations' knowhow) in its focuses and in future actions.



The Olympic Committee in Finland has set five focus areas in its sustainability programme for the national sports community: good governance, safe space and safe environment, equality and equal opportunity, environment and climate, and anti-doping. The Kontiolahti OC is committed to address and to implement all these focus areas in the upcoming responsibility programme.

The Finnish Biathlon Federation’s environmental programme has a separate focus are for events. The objective of sustainable competition events includes minimization of climate and environmental impacts, recycling of waste and avoidance of disposable products, and holding an environmental certificate or equivalent. We correspond to the objective and its actions in our EcoCompass Environmental Programme.

PREPARATION AND ORGANIZATION

In the upcoming years before the WCH2027, we will apply for project funding to create and to implement a comprehensive responsibility programme together with our partners. We will work together with the IBU to gain certification for ISO20121 for WCH2027 as planned in the IBU’s strategic communication and awareness objective. We will also implement the IBU sustainability event guideline once it is published.

	ECONOMIC SUSTAINABILITY	ENVIRONMENTAL SUSTAINABILITY	SOCIAL SUSTAINABILITY
OBJECTIVES	We will organize the World Championships together with our national and local cooperation partners following the principles of wise use of resources.	We aim to minimize the environmental impact in all our actions.	Our management of the World Championships is transparent and inclusive.
MAIN ACTIONS	<ul style="list-style-type: none"> Reuse of materials Implementation of circular economy concepts Renting and leasing instead of purchasing. Updating purchase instructions and procedures. Training of management and members of OC. Inclusion of sustainability standards in partner contracts. 	<ul style="list-style-type: none"> Update of environmental objectives based on researched data. Application of ISO20121 standard. 	<ul style="list-style-type: none"> Creation of comprehensive responsibility programme. Support for dual career of biathletes together with the Joensuu Sports Academy. Organization of competitive and non-competitive activities for adults, children, and youth to support active lifestyles. Inclusion of different people in all actions.



LEGACY

We will work with the IBU and our regional and national partners to make this WCH event the best practice example of a sustainable and responsible biathlon World Championships event that other organizers can benchmark and apply the best sustainability solutions into their own contexts.

After the WCH we will continue our sustainability and responsibility work and development in our daily operations.

LONG-TERM AIMS

Local community/region in general:

We are committed to organize biathlon training for all age groups and all levels of sport – from beginners to top athletes. We want to develop the stadium area to serve different needs of local and regional people. We are determined to be the best biathlon club and stadium in Finland. We actively want to reduce our carbon footprint and increase our social impact as a place bringing different people together.

Biathlon:

We want to provide high-quality training circumstances for biathletes in terms of track, stadium, and supporting services. We actively support biathletes' dual career opportunities in close cooperation with local partners (e.g., Joensuu Sports Academy), and we develop testing opportunities together with the Sport Institute of Eastern Finland located in Joensuu. We organize targeted trainings for biathlon coaches to advance their knowhow. We invite young skiers to try biathlon in order to maintain the continuous flow of new biathletes on the national and international top levels. We support our athletes in every way we can. We appreciate everyone's effort, and we spread positivity within biathlon.



ANNEX 18 B

DESCRIBE YOUR DETAILED COMMITMENTS AND PLANS FOR REDUCING THE CLIMATE IMPACT OF THE EVENT

L.3 CLIMATE

We hold an environment management certificate proving that our events are sustainably organized. The environment management system has been audited by an external auditor. The EcoCompass certificate demonstrates commitment to continuously improving and complying with the following 10 criteria:

1. The organization is committed to follow environmental legislation and regulations concerning its operations.
2. The organization has an EcoCompass Contact Person. The contact person will receive sufficient training during the development process.
3. The organization investigates the present state of its environmental management. It recognizes its most significant environmental impacts with the help from EcoCompass Expert.
4. The organization sets an environmental pledge and commits to reduce its environmental impacts according to the principles of continuous improvement.
5. The organization instructs its personnel to take environmental aspects into account in its work.
6. The organization has a waste management plan, and it keeps track of waste management regulations.
7. The organization monitors its hazardous waste and keeps it separated. Hazardous waste is stored safely and delivered to appropriate waste treatment.
8. Chemicals used in the organization are stored and catalogued according to chemical legislation. Safety data sheets are available for personnel. Safe handling of chemicals is taught to personnel.
9. The organization creates an environmental program, which includes objectives and measures to reduce environmental impacts. The environmental program is updated annually. The objectives are set at least once in three years. The objectives are set at least for two areas of environmental liability, and they are based on most significant environmental impacts of the organization.
10. The organization reports key environmental figures and actualization of the measures annually. Management and personnel are aware of the progress of environmental work in the organization.



PLANS TO REDUCE EMISSIONS:

SOURCE	EVENT	LEGACY
ENERGY USE (heating, power)	<p>Use of wind energy from the grid.</p> <p>Change of fuel generators into ones using biofuel.</p> <p>Reducing energy use for lightning by changing the old-fashioned track lights into LED lights.</p> <p>Energy saving directions for everyone (turning off lights, closing doors and windows, other small-scale but important things to do).</p> <p>Increase use of electric cars in transportation.</p>	<p>Sustainability objectives for the stadium/venue/ Kontiolahti Sports Club to maintain the results achieved in the WCH.</p>
TRAVEL AND TRANSPORT	<p>Organizing public transportation from Joensuu by train to reduce transportation emissions.</p> <p>Use of electric options instead of fossil fuels.</p> <p>Supporting and encouraging teams to carbon offset their flights.</p>	<p>Creation of sustainable travelling guidelines.</p>
FOOD AND BEVERAGE	<p>Preference for locally produced and seasonal ingredients/products to reduce emissions from transportation of food and beverage.</p> <p>Minimizing leftovers and avoiding biowaste through return policy contracts.</p> <p>Serving tasty vegetarian/vegan products to reduce emissions from meat productions.</p>	<p>Sustainable examples for food and beverage services.</p> <p>Supporting local producers and community by choosing locally grown and produced items.</p> <p>Raising awareness on sport and vegetarianism/veganism.</p>
PURCHASES	<p>Definition of purchase criteria and instructions for sustainable solutions.</p> <p>Recycle of prior products and materials instead of purchasing new.</p> <p>Instructions to rent equipment and machinery whenever possible instead of purchase.</p>	<p>Description of best, sustainable purchasing practices.</p>

We address the IBU's goals of becoming climate neutral and reducing annual climate impact by 2030 in our EcoCompass environment program which will be updated annually. We believe that reaching climate neutral will require compensation actions on the top of reduction actions. We are keen to compensate our climate emissions from transportation with a local service provider. Based on recent surveys, it is very important to know the project that will be supported with the compensation.



ANNEX 18 C

AN INTEGRATED ENVIRONMENTAL MANAGEMENT CONCEPT

L.4 ENVIRONMENTAL SITUATION AND LEGAL ASPECTS

The Kontiolahti Biathlon Stadium locates in an important groundwater area. The municipality of Kontiolahti has compiled the obligatory groundwater area conservation plan that controls the land use and activities in the area. The biathlon shooting range is a risk activity in the groundwater area, and the environmental permit obliges to collect all remains of ammunition regularly. There are no nature conservation areas close to the Biathlon Stadium.

Currently, there are no plans for new permanent constructions in the stadium area requiring permissions.

In our EcoCompass Environment Programme we have addressed all legal aspects concerning the environment. In every step of applying the legislation, we also evaluate the environmental impact. As a proof of our work and commitment, we hold the EcoCompass environment certificate.

**KONTIOLAHTI OC
WAS AWARDED WITH
IBU OC AWARD FOR
SUSTAINABILITY 2022!**



List of Legal Aspects covered in the EcoCompass Environment Programme:

LEGISLATION	CONTENT	APPLICATION AT WCH EVENT
PUBLIC MEETINGS ACT	General instructions on public event organization, including security issues.	Announcement of event to local police.
RESCUE ACT	The purpose of this Act is to improve the safety of people and to reduce the number of accidents. The purpose of the Act is also to ensure that when there is the threat of an accident or when an accident has occurred, people are rescued, important functions are secured, and the consequences of the accident are successfully limited.	Making and implementation of rescue and safety plan. Rescue and safety plan need to be sent to local police together with the event announcement.
LAND USE AND BUILDING ACT	The objective of this Act is to ensure that the use of land and water areas and building activities on them create preconditions for a favorable living environment and promote ecologically, economically, socially, and culturally sustainable development.	Construction announcement of temporary constructions made to the municipal building inspector.
OCCUPATIONAL SAFETY AND HEALTH ACT	Safety issues for the employed and volunteers.	Appointment of supervisors. Familiarization of common instructions. Special instructions for potentially dangerous procedures, including use of chemicals.
CONSUMER SAFETY ACT	Ensure safety of products and services and prevent health and property risks.	Health inspection of event site and different services. Use of environmentally safe products and chemicals.
ENVIRONMENTAL PROTECTION ACT	Prevent the pollution of the environment, prevent, and reduce emissions, eliminate adverse impacts caused by pollution and prevent environmental damage. Safeguard a healthy, pleasant, ecologically sustainable, and biologically diverse environment. Support sustainable development and combat climate change, promote sustainable use of natural resources, reduce the amount and harmfulness of waste, and prevent adverse impacts caused by waste.	Permit for salting and use of urea needed from local administrative body. Permit for shooting range. Collection of ammunition remains. Waste management plan. EcoCompass environmental management programme.



LEGISLATION	CONTENT	APPLICATION AT WCH EVENT
WASTE ACT	Promotion of circular economy and sustainable use of natural resources. Diminishing quantity of waste, prevention of risk and damage to health and environment. Ensuring working waste management and reduction of littering.	Making of waste management plan according to the EcoCompass environmental management programme. Collection, sorting and recycling of waste components. Avoidance of disposable materials. Collection and delivery of hazardous waste to specialized waste processing plant.
HEALTH PROTECTION ACT	Promotion of people's health and prevention of health risks in living environments	Events safety and health plan
FOOD ACT	The objectives of this Act are: 1) to ensure that food is safe and is handled safely, as well as to ensure the health-related quality of food and that its quality in other respects accords with the food regulations; 2) to ensure that information given about food is truthful, sufficient and not misleading; 3) to protect the consumer from health hazards and financial losses caused by foods that violate the food regulations; 4) to ensure the traceability of food; 5) to secure a high-quality system of food control; and 6) to help improve the operating conditions for food business operator	Announcement of food service to the local supervising body. Self-monitoring plan at catering services.
ALCOHOL ACT	The purpose of this Act is to prevent detrimental societal, social and health effects caused by alcoholic substances by controlling the consumption of alcohol. This Act applies to alcoholic substances, their production, importation, exportation, sale and other delivery, use, possession, and transport, as well as to advertising alcoholic beverages.	Permit to sell alcohol needed from the local administrative body.



ANNEX 20 (Update 7.7.2022)

FAN EXPERIENCE DURING WCH2027

We want to innovate and create the new way of doing value based event that is very enjoyable for every stakeholder. Our vision is to get the fans to the best positions in the spectators areas, easy access to data and the stadium services via technology.

We are able to produce all the best services to thousands of biathlon fans every day of the competition week. We are able to scale our services and the spectator areas are planned to fit for several different fan segments including VIP-spectators.

Kontiolahti has an unique atmosphere and fans can experience the sport in the beautiful Finnish nature.

KONTIOLAHTI BIATHLON STADIUM

- Spectator tent with multiple music artists, food and drinks to bring great and special atmosphere between or after races.
- Also in VIP tent will be program (interviews of athletes, music etc)
- New video screens in the track area.
- Possibilities with IBU APP to bring exclusive content to ticket buyers (for example Augmented Reality, AR technique). Also possibility to use IBU APP for buying fan products
- Athletes corner: Fans can meet their idols after the races.
- Special spectator area for persons with disabilities to feel the event in best way.

JOENSUU CITY

- Fan events and social program will be planned together with municipality of Kontiolahti and City of Joensuu.
- The plan is to organize fan events (music, visual art etc) in Joensuu Market Square and city centre.
- Joensuu Event Services will have 10 persons addressed to this production.

FAN ZONES WITH OTHER OCs:

For enhancing fan experiment Kontiolahti OC will contact with all OCs that they would organize FAN ZONES to their venue/city during the World Championships 2027. This has been discussed already with OC Östersund.

All participating OCs would have visibility at the Kontiolahti Biathlon Stadium during the event (live stream of fans in fan zones, interviews etc). This is new way to bring fans together even though they are not able to participate event in WCH stadium.



ANNEX 21 (Update 7.7.2022)

TEAMS EXPERIENCE DURING WCH2027

Our goal is to offer worldclass service for athletes and teams. We want to build Biathlon World Championships experience where athletes can concentrate to competitions and sport as well as enjoy venue services and thousands of cheering fans.

SPORT AND COMPETITIONS

- High-class and demanding track profiles.
- Well-prepared and groomed tracks.
- 60 000 m³ of artificial snow for tracks and the stadium to secure the snow conditions.
- Warm-up and training possibilities in a beautiful nature. More than 60 km of well-prepared ski tracks available directly from the stadium.

VENUE

- Family club with new athletes lounge where athletes can hang out and have fun.
- Team area is close to Start/Finish area with well-prepared passage ways.
- Shower possibility next to changing rooms.
- Organization with lots of experience from international events and who is always happy to help teams in every case.



ACTION PLAN

2022-2027 (Update 7.7.2022)

OC Kontiolahti is preparing carefully in long range for the WCH 2027. We have long and good history in the event management. Now we are preparing to lift the bar again - year by year. All the parties in the memorandum of understanding have their own roles and responsibilities in the progress. Here are the main action plan points, how we plan and will to develop the venue-area and also the whole event concept. Our high interest is also to respond to all expectations as for sustainability, equality, co-operation, fans, etc.

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IMPROVEMENTS TO THE STADIUM

- Design of the Kontiolahti Venue and planning new lighting and power ground cables in track area
- Improvements of permanent fencing of the stadium.
- Planning power supply backup system.

ADMINISTRATION GOALS

- Preliminary accommodation reservations and negotiations with hotels.
- OC management plan for WCH2027
- Team/athlete survey to develop processes to make teams lives easier

PROJECT DEVELOPMENT

- North Karelia Biathlon training center project starting 1.9.2022.
- Training center project improves training facilities and coaching system in Finland. The aim is to have top national team athletes and also facilitate them with versatile dual career options.

MAIN EVENTS OF THE SEASON 2022-2023

BMW IBU World Cup Biathlon 27.11.-4.12.2022.



IMPROVEMENTS TO THE STADIUM

- Construction of track lighting (ready October 2023)
- Improvements of permanent fencing of the stadium.
- Improvements of permanent stands of the wall climb and B stand.
- Asphaltting for the team area and pathways/roads.
- Planning power supply backup system and possible construction.
- First steps of developing Kontiolahti Venue design

2 PROJECT DEVELOPMENT

- North Karelia Biathlon training center project.
- Making the plan to increase use of electric cars in transportation. The plan includes evaluation about charging station locations (Kontiolahti/Joensuu) and solutions how to organize charging station. One possible place is industrial area close to Kontiolahti Biathlon Stadium (~4 km).

3 ADMINISTRATION GOALS

- Finding the partners to develop the fan experience on the technical side App development etc (IBU, others) First to World cups and the aim is for the WCH 2027.
- Start a project to create and implement comprehensive Responsibility program targeting ISO20121 certification for WCH2027. This project will continue OCs work with sustainability and brings it to next level (ref. page 55).
- Recruitment plan for volunteers (new digital system).
- Updating Action plan with all parties of Memorandum of Understanding.
- Planning use of permanent and temporary facilities in co-operation with IBU.
- Preliminary marketing and communication plan.
- Team/athlete surveys and development.

MAIN EVENT OF THE SEASON 2023-2024

IBU Cup 27.11.-3.12.2023.



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IMPROVEMENTS TO THE STADIUM

- Improvements of permanent stands of the wall climb and B stand.
- Asphalting for the team area, pathways/roads/parking areas.
- Continue the design of the venue area.
 - Co-operation with Karelia-University of Applied Sciences and Riveria (vocational school in Joensuu).

PROJECT DEVELOPMENT

- North Karelia Biathlon training center project (until 31.8.2024)

ADMINISTRATION GOALS

- Continue project to create and implement comprehensive Responsibility program targeting ISO20121 certification for WCH2027.
- Updating Action plan with all parties of Memorandum of Understanding.
- Team/athlete surveys and development

Check point / Update the development plans

- IBU experts and OC

Main event of the season 2024-2025

BMW IBU World Cup Biathlon 30.11.-8.12.2024.

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IMPROVEMENTS TO THE STADIUM

- Project funding (Ministry of Education and Culture, North Karelia Regional Council, Municipality of Kontiolahti and City of Joensuu). This funding will affect also to other development/improvement issues to stadium.
- Asphalting for the pathways/roads/parking areas.
- Finalizing design implementation of the venue area.

ADMINISTRATION GOALS

- Finalizing marketing and communication plan
- Recruitment process for volunteers.
- Planning Fan engagement for WCH2027.
- Planning and processing private accommodation system.
- Updating Action plan with all parties of Memorandum of Understanding.
- Team/athlete surveys and development.



IMPROVEMENTS TO THE STADIUM

- Project funding (Ministry of Education and Culture, North Karelia Regional Council, Municipality of Kontiolahti and City of Joensuu).
- Asphaltting for the pathways/roads.
- Double-check of design of the venue area.

ADMINISTRATION GOALS

- Implementations for marketing and communication plan.
- Recruitment process for volunteers.
- Updating Action plan with all parties of Memorandum of Understanding.
- Team/athlete surveys and development

MAIN EVENTS OF THE SEASON 2025-2026

- BMW IBU World Cup Biathlon ("pre-WCH Test") 2.-8.3.2026

IMPROVEMENTS TO THE STADIUM AND EVENT PREPARATIONS

- Finalize event preparations (accommodation, transportation for all stakeholders).
- Temporary constructions will start six (6) weeks before the WCH and will be ready one week before the arrival of teams.

MAIN EVENTS OF THE SEASON 2026-2027

- Biathlon World Championships February/March 2027.



FEEL THE JOY OF BIATHLON IN KONTIOLAHTI 2027!



Photo: Janina Joutsen







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Regional Council of
NORTH KARELIA


KONTIOLAHTI

J•ENSUU

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