

REGULATIONS HPVWC2023 LUSTENAU

BY ENTERING THE RACES, ALL PARTICIPANTS CONFIRM THAT THEY ARE FAMILIAR WITH THE FOLLOWING REGULATIONS AND ACCEPT THE CONDITIONS OF PARTICIPATION CONTAINED THEREIN.

THIS DOCUMENT IS A NON-BINDING TRANSLATION OF THE ORIGINAL REGULATIONS IN GERMAN FOR INFORMATIONAL PURPOSES ONLY

1. INTRODUCTION

From 11 to 13 August 2023, the "Liegerad Club Vorarlberg" together with the "Future Bike Schweiz" will organise the Recumbent World Championship 2023 (English: "Human Powered Vehicle (HPV) World Championship 2023") in the area Lustenau (AT) - St. Margrethen (CH) with the following individual competitions:

- Hill climb (start in categories)
- Sprint 1000 m (standing start)
- Sprint 200 m (flying start)
- Sprint 4000 m (standing start)
- Circuit race over 100 km (mass start)

Only human-powered vehicles (HPVs) are permitted to take part in the races.

2. REGISTRATION

Each registration is personal and final. No refunds will be given. Registrations without payment will be considered invalid.

The entry fee is 75€ for adults and 38€ for juniors.

The Registration must be made via the website.

3. START NUMBERS / TRANSPONDERS

The start numbers have to be attached well visible on the vehicle.

Electronic timekeeping with transponders will be used (MyLaps ProChip system). Transponders can be rented at the registration desk and must be mounted on the bike (not higher than the hub height). The rental fee for the transponder is included in the entry fee. **If the transponder is not returned, an additional € 100 will be charged.**

If the numbers or the transponder are not present, no result will be produced for the participant.

4. CATEGORIES AND CLASSES

Categories

- Overall World Champion G All participants
- Unfaired UV 2-wheels without fairing
- Partialfaired TV 2-wheels partialfairing (front or back)
- Fullyfaired WV 2- or more-wheelers with fairingg
- Trikes TR 3 wheelers without fairing
- Other classes such as handbikes / tandems can be applied for if more than 4 participants register to take part.
- If you are unsure about the correct category, please send a request including photos to the organising committee: ORGA@HPVWM2023.ORG.

Gender & age categories

Each of the above categories will be further divided into the following classes:

- - Women / Men
- - Adults / Juniors (born 2003 and younger)

Scores

For each combination of category and class there will be a classification of all individual competitions ("class classification"), provided that at least four participants would be classified in the combination. Otherwise the organisers reserve the right to combine classes. In addition, an overall classification will be created across all classes and categories.

The category will be determined at registration and cannot be changed between the individual competitions.

5. SAFETY AND TECHNICAL REQUIREMENTS

In order to receive the start numbers, vehicles and helmets must be approved by the organiser within the scope of a technical inspection. The use of vehicles or helmets that have not been approved for racing is prohibited. Subsequent modifications to vehicles require a new inspection by the organiser.

Participants must be able to extricate themselves from the vehicle without assistance (required in the event of a mechanical defect or an accident).

Brakes

Each bike must have sufficient braking power (at least two braked wheels) and stability (in motion).

Attachments / sharp protruding parts

All aerodynamic attachments and accessories must be securely fastened so that they cannot come loose during the race. Bicycles with sharp, protruding parts or open tube ends are considered unsafe and corresponding defects must be repaired before the bicycle can be approved for competition.

Chain guards

The chainring must be covered either by a fixed shield or by a strong rotating chain guard. The guards must be free of sharp edges. The only exception to this rule is if the chainring is in a fairing or protected by the frame.

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6. RENN-ETIKETTE

All participants are expected to show mutual consideration and fairness. Riders must not behave in an aggressive or intimidating manner towards other riders on the course (either verbally or through their riding style). The use of performance-enhancing drugs and substances currently banned in professional cycling competitions is strictly prohibited. All participants undertake to respect the environment and not to throw anything on the public roads (papers, bottles, cans, etc.). A rubbish bin will be provided in the start area for the disposal of any waste produced.

Overtaking

When overtaking, the faster rider is responsible for overtaking safely. The slower rider being overtaken is not obliged to give up his position and is free to follow a reasonable racing line, but must not deliberately obstruct the overtaking rider.

Der Organisator behält sich vor, Teilnehmende, die gegen die Renn-Etikette verstossen und dadurch andere gefährden, vom Wettbewerb auszuschliessen.

The organiser reserves the right to exclude participants from the competition who violate the race etiquette and thereby endanger others.

7. PARTICIPANTS UNDER 18 YEARS OF AGE

Participants who are under 18 years of age on 31.07.2023 must provide a signed consent form from their parents in order to participate in the WEG. Participants under the age of 16 must be accompanied by a parent or other responsible adult. The race organisers are only responsible for the safety and welfare of the young people during the races in which they participate. On the day of registration, the accompanying adult must provide their contact details (e.g. mobile phone number), which the organisers will only keep for the duration of the event in case they need to be contacted in an emergency (e.g. in the event of an accident during the race).

8. COMPILATION OF THE OVERALL RANKINGS

To establish the class and overall rankings, competitors will be awarded a number of points for each individual event based on their placing and performance relative to the previous and next placed competitors. For hill climbs and sprints, the time of the ride is the measure of performance; for circuit races, it is the time gap to the previous and next place finisher:

$$Points = 2 \left(Rank + \frac{Time - Time_{preceded}}{Time_{followed} - Time_{preceded}} - \frac{1}{2} \right) \quad (\text{Hill climb})$$

$$Points = Rank + \frac{Time - Time_{preceded}}{Time_{followed} - Time_{preceded}} - \frac{1}{2} \quad (\text{Sprints})$$

$$Points = 3 \left(Rank + \frac{Rückstand}{Rückstand + Vorsprung} - \frac{1}{2} \right) \quad (\text{100km Race})$$

The first and last placed competitors in Nth position will receive one and N points respectively multiplied by 2 for hill climb and 3 for circuit race.

If a competitor does not participate in an individual race, he/she will receive 10% more points than the last classified competitor.

For the **class rankings**, the respective performances (time or lag) within the individual classes are considered for the calculation of the points - for the **overall ranking**

The winner is the participant with the lowest number of points.

In the class classification, the rank and the reference value for the performance (time or gap) refer to the participants of the same combination of class and category. In the overall classification, all participants will be considered.

9. LIABILITY, EXCLUSION OF LIABILITY

Liability is the responsibility of the participants. **For each participant a valid liability insurance is a mandatory requirement for participation.** By registering, participants accept that the organisers accept no liability. The organisers disclaim ANY responsibility in the event of theft, accident or loss of participants' personal belongings.

If you have any questions or are unclear about the rules: Please contact:

ORGA@HPVWM2023.ORG

10. V ORGANISERS

Liegeradclub Vorarlberg

Liegeradclub Vorarlberg

Future Bike Schweiz



future bike ch

11. ADDITIONAL INFORMATION

The official timetable for the competitions will be available on the website and in the Infocenter at the Parkstadion Lustenau shortly before the races. Please pay attention to this schedule especially for the start times. A possible delay can lead to disqualification for the respective race.

...to the hill climb race

The start will be in 3 or 4 groups according to category and at intervals of 5 minutes. The starting grid will be based on registrations (early registered riders will start at the front). Drivers must be present at least 15 minutes before the start time of their group. If a vehicle needs help to start, it must start from the end of the grid.

Scoring will be by riding time (shortest riding time wins).

...for the sprints

The starts will be done individually within a predefined time frame. The start interval is 1 minute (or less if necessary). Riders must be present at least 5 minutes before their start time. Assistance at the start is allowed.

Scoring will be by riding time (shortest riding time wins).

...for the circuit race over 100 km

The circuit race will take place on a "not fully closed" road. Accordingly, the rules of the StVO apply. This means that, as a matter of principle, drivers will drive on the right and overtake on the left.

The starting line-up (of the first 20 participants) will be based on the results of the previous individual competitions. If a vehicle needs help to start, it must start from the end of the starting field.

The competitor must be able to extricate himself from the vehicle without assistance (useful in case of mechanical failure or accident).

The race distance is 19 laps. The last lap will be rung (once the leader has completed 19 laps, a bell signal will be given at start/finish for all competitors). When the leader has completed his 20th lap, the race will be signaled off at the start/finish. For each competitor the race is finished when the finish line is crossed after the leader has completed his 20th lap (each competitor must complete his last lap).

Note: The bell for the last lap will only be heard by the competitors who are not overtaken by the leader in his last lap.

The classification is based on distance (higher distance or more laps wins). In case of a tie, the shorter riding time will be decisive (shortest riding time wins). The same starting time applies to all participants.

12. EXAMPELS RANKINGSYSTEM

Hill Climb Race / Bergrennen

Rang	Fahrzeit	Punkte Ohne Gewicht	Punkte
1	15	1,00	2,00
2	15,1	1,61	3,22
3	15,9	3,39	6,78
4	16	4,00	8,00
5	16,1	4,55	9,10
6	18	6,16	12,31
7	19	7,17	14,33
8	19,5	8,00	16,00
9	20	9,13	18,25
10	20,3	10,25	20,50
11	20,4	11,00	22,00
12	20,5	12,00	24,00
13	20,6	12,70	25,40
14	21	13,83	27,67
15	21,8	15,00	30,00
16	22,6	16,23	32,45
17	22,9	16,63	33,25
18	25	18,01	36,02
19	27	18,90	37,80
20	30	20,00	40,00
21	nicht gestartet	22,00	44,00

Circuit Race 100km / Rundstreckenrennen

Rang	Gap	Punkte Ohne Gewicht	Punkte
1	-	1,00	3,00
2	5,6	2,48	7,45
3	0,1	2,55	7,64
4	2	4,00	12,00
5	2	5,00	15,00
6	2	5,57	16,70
7	28	7,24	21,71
8	10	8,09	24,26
9	7	9,38	28,13
10	1	9,83	29,50
11	2	10,90	32,70
12	3	11,93	35,79
13	4	12,94	38,83
14	5	13,95	41,86
15	6	14,96	44,88
16	7	15,97	47,90
17	8	16,97	50,91
18	9	17,97	53,92
19	10	18,98	56,93
20	11	20,00	60,00
21	nicht gestartet	22,00	66,00