



Bid to host a FAI 1st Category Championship

Annexe A – Bid Information

1. Name of Championship

23rd FAI World Hang Gliding Championship

2. Location(s) of Championship

Krushevo, Macedonia

3. Proposed Dates of Championship

18.07.2021 – 31.07.2021

4. Competition allowing the organiser to bid

19th FAI European Hang Gliding Championship
20th FAI European Hang Gliding Championship
7th FAI World Hang Gliding Championship Class 5
8th FAI World Hang Gliding Championship Class 5

5. Local Organiser (LOC)

Sports Club "Extrema"

The party has written approval and endorsement of the holder of the Sporting Powers (see point 6).

6. Sporting Power

- Vozduhoplovna Federacija na Makedonija.

7. Detailed Schedule of Championship

- Free and official training days 18 – 19.07.2021.
- Registration 18.07.2021.
- Mandatory Safety Briefing 19.07.2021.
- Opening ceremony 19.07.2021.
- Mandatory training task 19.07.2021.
- Championship flying days 20 - 30.07.2021.
- Closing ceremony 31.07.2021.

8. Organisers, Directors and Key Officials

Include brief note on qualifications, experience, languages, etc.

For all events:

- Organisation/Event Director Ivan Lukanov.
- Meet Director Goran Dimishkovski.
- Safety Director Martin Jovanovski.
- Meteorologist TBD.
- Launch Marshal Vladimir Barakovski.
- Scorer Mine Pavlovski.
- Live Tracking Manager Ivan Lukanov.
- Goal Marshal Mile Jovanovski.

9. CIVL Coordinator, Steward, Judges, Jurors

- At the time of the bid, the CIVL Coordinator will be the CIVL President or the appropriate Committee Chairperson. If the bid is accepted, the Coordinator will be the CIVL Steward as soon as he is appointed.
- In Accuracy, the Chief Judge and Event Judges will be appointed by CIVL in consultation with the LOC. The Chief Judge will then appoint other Judges in consultation with the LOC. All Judges should be the same at the test event and at the event.
- In Aerobatic, the Chief Judge will be appointed by CIVL in consultation with the LOC. The Chief Judge will then appoint other Judges in consultation with the LOC. All Judges should be the same at the test event and at the event.
- The CIVL Jurors will be appointed in due time by the CIVL Bureau.

10. Pilots Entry

Maximum number of pilots allowed overall will be 130.

Reminder:

The maximum number of pilots per nation and the team size will be defined in the championship Local Regulation, which is subject to CIVL approval.

11. Entry Fee

Entry Fee for the Championship:

- For Pilots 490€.
- For Teams Leaders and Assistants 250€.

The Entry fee includes:

- Colour map of task area showing take-off, turn points, landing fields and restricted airspace and areas;
- ID card & safety/contact information.
- Contest numbers.
- Upload of turn-points with GPS coordinates.
- GPS track-log downloads.
- Live tracking.
- Competitor and glider identification.
- Daily lunch package.
- Competition souvenirs.
- Free access to all championship events and parties.
- Free internet (Wi-Fi) access at the HQ.
- Emergency rescue and first aid medical service.

12. Test Event

- 19.07.2020 – 25.07.2020
- WPRS ranking pilot priority selection
- Entry fee for Pilots 250€
- Entry fee for Teams Leaders and Assistants 120€.
- Entry Fee includes same items as per main event. (see 11. above)

13. Launch sites

Two mixed class European/World Hang Gliding championships has been held at the site with great success. With ordered launch 130+ pilots have launched for as low as 45 minutes.

Main take off: Meckin Kamen East.

- Take-off direction(s) NE, E, SE.
- Height above valley 800m AGL (1450 m ASL).
- Asphalt access road, artificial grass turf on the launch lines, generally clean, without any kind of obstacles and large grass area for rigging
- Number of ramps 3.
- Naturally shaded area with briefing area, sitting area and toilets

- It is on the top of the mountain with broad view so it is easy for MD to monitor beginning of the task, possible overcrowding or another safety risks. We are using this take off in the 90% of the flying days.



Secondary take off: Meckin Kamen West.

- Take-off direction(s) NW, W, SW.
- Height above valley 830m AGL (1480 m ASL).
- Asphalt access road, sporadic grass on the launch lines, generally clean, without any kind of obstacles and large grass area for rigging
- Number of ramps 2.
- Naturally shaded briefing area.

It is in the walking distance from the East take off. Even if pilot is fully geared up, quite convenient in the case of rapid changes in the wind direction. In such an occasion both take off might be in use simultaneously upon the task committee or MD decision.



14. Distance/access to launch site(s)

- Road access: 2 km via asphalt road to the take-off
- Parking available right next to launch
- Organizers will not offer official transport. It can be arranged on need-to basis.

15. Task flying area

Virtually any kind of task is possible within the flying area. And all of them have been tried. Different triangles combining mountain leg with two flatland legs, triangles with three flatland legs, along ridge fast out and return, square tasks along the valley borders, wind rose style tasks or combination of previously mentioned ones. It is up to the quality and level of the task committee to choose the best possible task for the day.

Distances that are usually possible within the flyable period of the day are around 150 km.

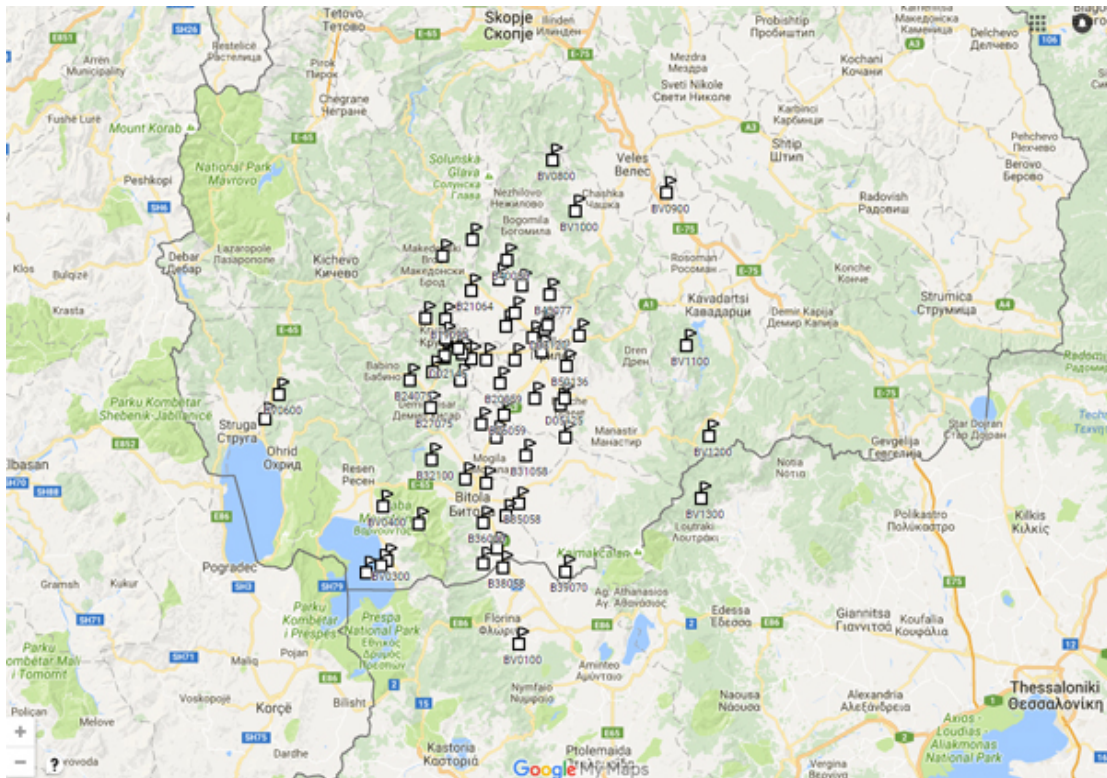
In general landing fields are not an issue as it is a flat and wide valley and we are able to organize official landings almost everywhere.

There are three landings mostly in use.

Main one is just below the Meckin Kamen East take off. Asphalt road is touching it, wide green grass covered field, open to any approaching direction, safe on the main road to T.O, communal buses are passing by as well as numerous locals.

Next one is a Sport Airfield with no activity at all due to some deformations on the grassy airstrip. It is on the main road in between Krushevo and Prilep easy to access with any kind of transportation, snacks and drinks can be easily provided by the organizer. In the days with uncertain wind pattern this landing is perfect as it is in the middle of the Valley so no risk of any kind when using it.

Official bomb-out fields are setup just below both launches.



<https://goo.gl/oYdeCJ>

16. Airspace

One of the most important things regarding this flying site is that it is free from any kind of airspace limitations. In close collaboration with the authorities, we manage to keep it this way for years. NOTAM will be issued for the site and the dates, so all measures will be taken to provide open and safe flight arena.

17. Weather

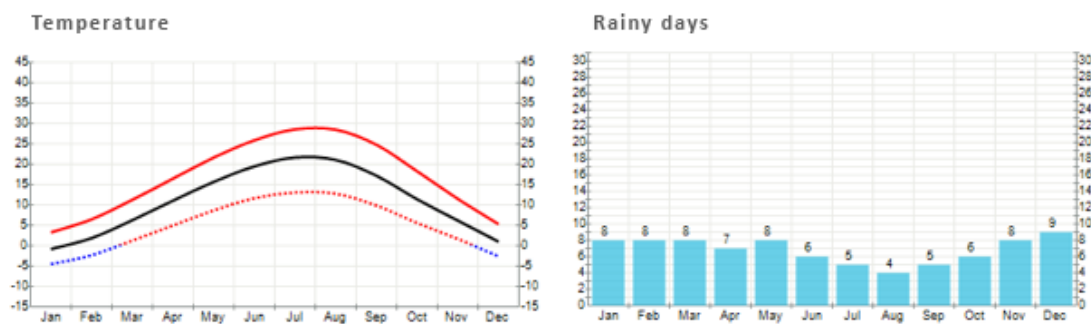
- The region is characterized with permanent influence of the NW wind which is typical for Macedonia all year long. However, wind strength is usually not an issue for the Pelagonia region as it is heavily influenced by the local thermal breeze and local easterly winds creating very

dependable flying conditions alongside the main Mountain chain with two main take offs in the first part of the day.

As North wind is penetrating the valley latter in the day, permanent cycles of thermals are created in the valley giving a possibility for interesting fast and tactical crossings in between chains on the opposite sides facing to each other.

In the recent years we were constantly averaging 80-90% flying days.

- Weather data and type of conditions to expect during the period selected for the event.



- Recommended maximum wind speed: 35km/h.

18. Meteorology

- Xcskies.com
- Data from local meteo stations in Krushevo, Prilep, Topolcani
- Onsite weather assessment

19. Transport

- Transport to and from the airport and pilot retrieve during competition on need to bases. Charges will apply.

20. Safety issues

In general:

- Meteorology of the flying area is exceptionally straightforward, easy to understand, follow and predict.
- Virtually any kind of task is possible within the flying area. And all of them have been tried. Different triangles combining mountain leg with two flatland legs, triangles with three flatland legs, along ridge fast out and return, square tasks along the valley borders, wind rose style tasks or combination of previously mentioned ones. It is up to the quality and level of the task committee to choose the best possible task for the day.
Distances that are usually possible within the flyable period of the day are ranging from 100 to 200 km.
- Pilot qualifications/skill levels required as per Section 7a.
- One fatality in cat 2 event in the past 5 years due to clear pilot error in a safe place and normal metrological conditions which was confirmed by the local Aviation Transport Authority.

21. Rescue/Medical Services

- First aid will be provided by the team present at the T.O. We will have dedicated medical crew with equipped ambulance car every morning available before activities started.
- Mountain rescue team will be available on the T.O. during launching. All potential incidents will be handled at site and if further assistance is needed, pilot will be transported to the most appropriate facility.
- Helicopter and the crew is based in Skopje, response time is approximately 45 min, depending on the other incidents going on at the moment. Service is activated and

deactivated on daily basis. During the actual task, we have permanent phone contact with the pilot and the crew.

Please note that we will activate this service only when we have pilot's life endangered. We can't use helicopter for mountain rescues that are not life threatening. For such a cases we will use our mountain rescue team.

- At the main take off there is landing pad if assistance is needed there. On the tasks lines there are numerous suitable places for helicopter landings that are adding responsiveness to the helicopter service.

22. Safety Management Plan

States here what your safety management plan will be.

- NOTAM will be issued for the duration of the competitions
- Mountain rescue team fully equipped on take-off, landing and along the course
- Ambulance with doctor, nurse and full medical supply for first aid and fast transport to the nearest medical center
- Three hospitals on alert in Krushevo, Prilep and Bitola
- Assistance from police, fire department and local authorities
- Helicopter on stand-by in Skopje for evacuation/transportation services

23. Transmissions

- Radio usage is allowed within the comp and on allocated frequencies. It is strongly advised that each competitor use VHF hand-held radio on dedicated Safety and retrieve frequency. As a reference we are usually working on 145.320 for safety and 145.425 for retrieve.
- Flying area has excellent Mobile/Cell 'Phone Coverage.
- Local SIM cards with data plans are available for as low as 5€ and will be available for purchase.

24. Liaison with police, military, public services

- We are working very close with all subjects within civilian services domain at the local level. Full support to our activities will be demonstrated on their side in order to provide environment suitable for executing high profile sport event .
- Daily regulation of the traffic (if needed) as well as physical surveillance and assistance from the police officers will be at hand for the pilots and officials.

25. Insurance

Following insurance is needed in order to participate in this event. Appropriate documentary proof in English will be required at registration showing valid:

- Insurance covering public liability risk to the value of at least €100,000 (one hundred thousand euro) must be presented to the organisers at registration.
- Individual Accident insurance covering hang-gliding specific activities outside pilot's country of residence.
- Medical treatment coverage of at least 10,000 (ten thousand euro),
- Medical (helicopter) evacuation of at least 10,000 (ten thousand euro)
- Repatriation coverage.

Corresponding insurance will not be offered on site.

It is solely pilot's responsibility to provide above listed insurance during the official registration.

26. Event Headquarters

- HQ is situated in the town of Krushevo in Hotel Montana Palace at walking distance from town centre, restaurants, shops etc. and 2 km from take-offs. Available during the competition will be: 40 m² organizers/officials meeting room; registration and results board area in the hall; conference room with 350 seats.
- Office facilities: AV equipment, office equipment, communication systems (phones, wifi, etc.).
- Internet access available for Officials.
- Internet access available for competitors.

27. Local facilities

- Private houses accommodation, rooms for rent, starting price around 10 -15€ per night, per person. Usually very clean with nice people, fairly familiar atmosphere.
- Dedicated villas for rent: rooms and or flats for rent, prices varying around 20,00-25,00 €, per person, per night, usually only house keeper, more privacy, usually equipped with kitchen.
- Hotel Montana Palace, is providing higher profile accommodation with a price for pilots in the range around 30€ per night, double room.
- Of course there are much more options suitable for any taste or any budget. The same applies for the food and drinks, in general all of them biased to the cheaper side of the price tags. Examples: sandwiches 2,00 – 3,00 €, pizza 3,50 -6,00 €, full meal – local stuff 10,00 – 15,00 €, beer in a market 0,5l can 0,60 €, beer in a local bar up to 2,50 €, same applies to the soft drinks.
- There is an option for a small free camping at the take-off, however, no facilities and with limited space. Pure nature, usually occupied with pilots on the basis “if there is a place, it is yours” Not moderated at all. Certainly, some criteria have to be respected in order to avoid confrontations with the local authorities.
- HQ is on the outskirts of Krushevo and everything is in walking distance, shops, restaurants/bars, repair facilities, etc.

28. Competition website

- Website will be set up and available for general public from March 2019.
- An interactive online registration will be done through the website.

29. Visas, Vaccinations

- Entry Visa for the Republic of Macedonia
http://mfa.gov.mk/index.php?option=com_content&view=article&id=135&Itemid=437
- Entry in the Republic of Macedonia for Schengen Visa Holders
http://mfa.gov.mk/index.php?option=com_content&view=article&id=134&Itemid=662
- Entering the Republic of Macedonia with British, Canadian or U.S. visa
http://mfa.gov.mk/index.php?option=com_content&view=article&id=2594&Itemid=1209&lang=en

30. Early arrivals:

- There is no set date before which competitors should not arrive.
- If another competition is going on at that time, launch is usually closed during launch window, which can last 1-2 hours
- If pilot needs assistance during early arrival, transport from airport, local transport etc. can be arranged with prior notice.

31. Customs and equipment importation:

- Possession of documents for temporary import of the equipment (ATA carnet) is required by law

32. Medals, etc.

- Local trophies and/or prizes will be given by the organizer.

33. Media coverage, merchandising

- Online promotion of the event (Facebook, Instagram, Tweeter).
- Local media coverage before and during and after the event (TV, press).
- Large area for the spectators at take-off and landing and live tracking at HQ and web
- Filming/video opportunities.

34. Sponsorship

- Traditional local sponsors from the previous Cat 1 competitions are willing to help the event in the same format.

35. Finance

- As previous Cat 1 competitions proved it is possible to cover up to 80% of the expenses from pilot entry fees.
- For detailed outline budget see Annexe C.

36. Any additional information in support of the bid:

...

We are really motivated to organize another successful cat 1 event, as that will be another proof of the capabilities of Krushevo flying arena as a reference competition site and will prove again we are capable organizers.

Name: Ivan Lukanov

Position in Organisation: Event Director

Date: 11.11.2021

Signed:

A handwritten signature in black ink, appearing to be 'Ivan Lukanov', written in a cursive style.

Annexe B – Support Documentation



vfm.org.mk

To:
CIVL President, Mr. Stephane Malbos
CIVL Bureau
CIVL Delegates
Organizer, Mr. Ivan Lukanov


ВОЗДУХОПЛОВНА ФЕДЕРАЦИЈА НА
МАКЕДОНИЈА
Бр. 08-206
05.11 2018 год.
СКОПЈЕ

CONFIRMATION

Aeronautical Federation of Macedonia with this notice confirms and supports the organization of the 2021 Hang Gliding World Championship in cross country. The World Championship will be organized by Mr. Ivan Lukanov and Sports Club Extrema Skopje which we believe will do their best, because so far they showed to be well proved organizers of Category 1 events.

For Aeronautical Federation of Macedonia would be a great honor to be host of the 2021 Hang Gliding World Championship and therefore will give maximum support to the organizer, within our capabilities in order to maintain and raise the standards set previously for competitions of this rank.

Sincerely,
Biljana Everette
Secretary General of
Aeronautical Federation of Macedonia



BSE



Miroslav Krleža 1
1000 Skopje
Republic of Macedonia
office@vfm.org.mk

Република Македонија
Општина Крушево



TO:
CIVL President, Mr. Stephane Malbos
CIVL Bureau
CIVL Delegates
Organizer, Mr. Ivan Lukanov

Subject: Letter of support,

According to your information about 2021 World Hang Gliding Championship, Municipality of Krushevo within its facilities and resources will give maximal support for successful organization of this World Championship.

We hope that this Championship will be held in Krushevo, Republic of Macedonia for what in advance we thank you.

Yours sincerely,

Municipality of Krushevo
Mayor,
MSc Tome Hristoski



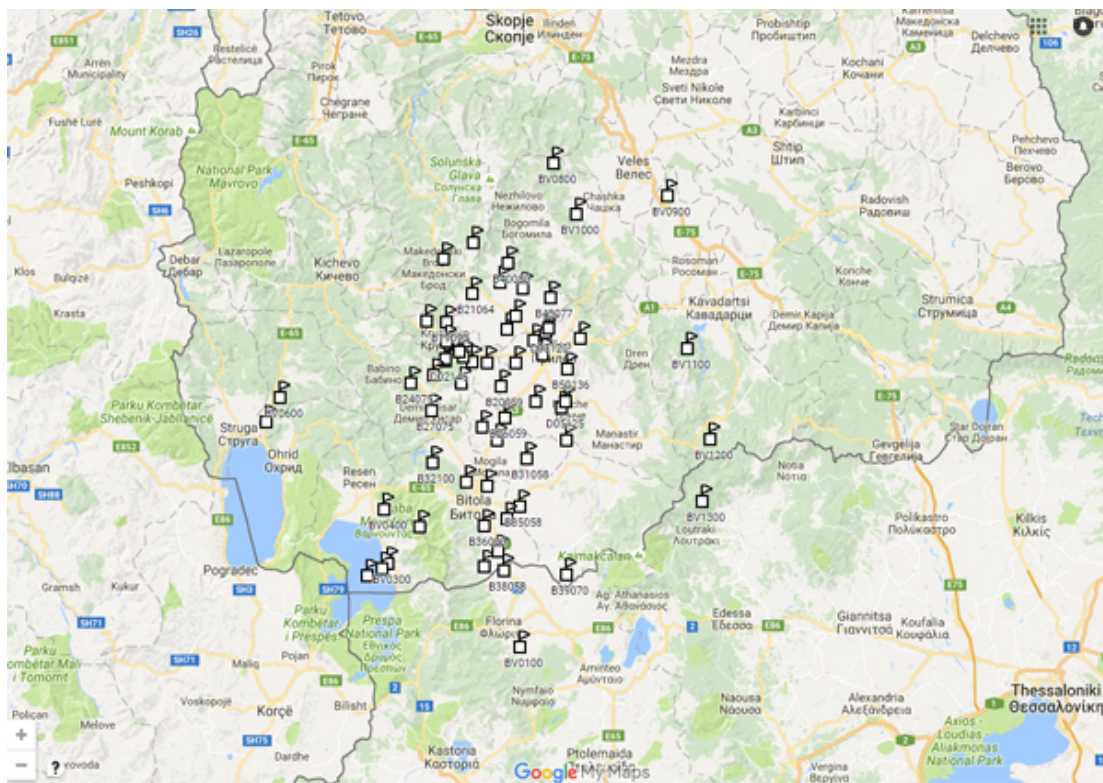
Tome Hristoski

Бр. 03-1150/1

Крушево 05.11 2018 г.

Република Македонија
Општина Крушево

Никола Ѓурковиќ бб
7520 Крушево
Тел. 048 477 061
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Е-пошта: opstinakrushevo@krusevo.gov.mk
www.krusevo.gov.mk



<https://goo.gl/oYdeCJ>

Annexe B to CIVL First Category 1 Event Bid - Sample Budget
23rd FAI World hnag Gliding Championship

PROJECTED EXPENDITURE

Items	Euros	Notes
PREPARATION (over 2 years)		
Administration, post & bank charges, stationery	2,000 €	Includes bank transfer fees, accountant charges, etc.
Travel expenses for organisers, volunteers	1,500 €	Meetings with co-financiers, suppliers, airspace or other authorities, etc.
Setting up & maintaining website	2,500 €	Including logo design, hosting, etc.
COMPETITION		
FAI Sanction Fee	4,992 €	See Section 7
FAI Officials (5): Travel, accommodation, meals, daily allowance, car rental	8,000 €	Allow for 2-3 days more than no of comp. days: 500each travel; 80/day each food & lodging; 10/day x 3 jury allowance; 2 cars x 2 weeks rental
Rental of suitable HQ building/rooms/marquee for briefings (180 people+), meeting rooms, scoring room etc.	6,000 €	Local town may offer free use of suitably sized and furnished building.
Rental/buy IT & equipment for HQ, launch, goalfields/target etc		Consider IT requirements, computers, software, printers & wifi, phones/mobiles, noticeboards, giant screens etc. Could be much more if live tracking used, for example.
Road, airspace, turnpoint maps for pilots, team leaders & HQ	800 €	Design/artwork & print costs, consider several large examples for HQ and Launch
Tshirts	1,000 €	Count in pilots, team leaders, drivers, staff, volunteers, press, VIPs, sponsors
Trophies, day prizes, gifts for pilots		FAI medals & diplomas provided by FAI free of charge. Consider trophies champagne, local souvenirs/produce. Local region may provide some goodies, such as pens. Manufacturers may sponsor prizes
Transport	2,000 €	PG comp: transport normally included. Factor 3 buses and/or 6 minibuses HG comp: transport for staff, press, VIPs, reimburse fuel for volunteers
Medical services (doctor, paramedic, ambulance etc)	3,000 €	Wholly dependent on what is available or can be negotiated locally
Option: Rental & cleaning of portable toilets		
Option: Weather forecasting (presentations, daily soundings etc)		Wholly dependent on what is available or can be negotiated locally
Option: packed lunches or snack/water for pilots/TLS	3,500 €	Allow 3€/flying day/person
Contingency	1,200 €	Improvements to launch, equipment purchase/rental, insurance, extra personnel, Live Trackers rental
PERSONNEL		
Fees for Meet Director, Safety Director, Event organiser, Launch Marshal, Scorer etc.	12,000 €	Increasingly common that key personnel are remunerated for these positions of high responsibility, skill and experience. May also need to cover travel and accommodation/food expenses
Food/expenses for organisers, staff, volunteers, helpers 15 days	3,000 €	Even if all staff are volunteers, it is usual to provide some food, camping fees, T-shirt, reimburse fuel for own transport etc
CEREMONIES & SOCIAL EVENTS		
Opening & Closing Ceremonies	15,000 €	Buffet for 200+ people, music/entertainment, flags, decorations. This is a suggested minimum.
Other social events (bbq, live music evening etc)		According to budget. Local sponsorship may be possible.
MEDIA & PROMOTION		
PR or Press person/services prior to & during event	2,000 €	Local tourist office or local authority people may help. Should have someone handling press during the event.
Official blogger, photographer, video cameraman, film maker	1,000 €	Writing task reports, press releases, providing photos or video footage to news agencies, web tv etc.
Option: Film of the event for promotion of sport, region etc	10,000 €	Making a film for promotional purposes could cost at least 15,000€. See also FAI rules on media rights.
Promotional items: stickers, pens, mugs, postcards etc	1,500 €	According to budget.
Press hospitality, local media coverage, souvenir programme, newsletters, advertising etc		According to need. Grants from local authorities often dependent on seeing a 'return', promoting the sport, tourism etc.
TOTAL EXPENDITURE	80,992 €	

PROJECTED INCOME

Items	Euros	Notes
Pilot fees	63,700 €	100x490
Team leader fees	3,500 €	10x250
Grant from local/host town		
Grant from county or region	5,000 €	
Grant from government sport department or similar		
Grant from national Federation or NAC	1,500 €	
Sales of promotional items, productising	800 €	
Sponsorship	6,500 €	
TOTAL INCOME	81,000 €	