

MINUTES FIA – FIM – FAI – UIM JOINT MEETING
Environment, Alternative Energies
and Sustainable Development

Arendal, Norway

Thursday July 15, 2010

Attended by :

Ballesio Riccardo	ITA	UIM Envir. Working Group Member
Bensalah Sid	UAE	WWPA Secretary General
Benson Per	SWE	UIM Cominoff Chairman
Brenne Ove Geir	NOR	NMF Environmental Commission
Chiulli Raffaele	UIM	UIM President
Dini Andrea	ITA	Media advisor
Edvall Lars	SWE	FIA Alternative Energies Commission
Elgvin Svein	NOR	UIM Envir. Working Group Chairman
Forgaard Roar	NOR	President Norwegian Automobile Fed
Gustafsson Christer	SWE	UIM Administrator
Hareb Mohammed	UAE	UIM Envir. Working Group Member
Knutsen Mette Moen	NOR	NMF
Kruse Bjornar	NOR	Technical Expert - Zero
Larsen Rolstad Torill	NOR	Mayor Arendal
Liasjo Kare	NOR	FAI Environmental Committee
Mathisen Arne	NOR	FAI Norway assistant Secr. General
Minken Anders	NOR	FIM Alternative Energies Working Group
Moretti Bruno	ITA	FIA Altern. Energies Com. President
Owre M. Roy	NOR	NMF President
Pasini Giancarlo	ITA	FIM Inter. Environ. Com. President (CIE)
Pedersen Heim Aslak	NOR	NIF / NOK
Rasor Robert	USA	FIM Vice President
Skjelvand Terje	NOR	Green Racing
Vandekerckhove Régine	MON	UIM Secretary General
Vikanes Bjorn	NOR	Green Racing
Wartinger Bob	USA	UIM Cominsafe Chairman
Wetterstad Roy	NOR	NMF Secretary General

1. Welcoming address

The UIM President opened the meeting by welcoming all delegates and presented the apologies of the UNEP representatives who had to cancel their scheduled trip to Arendal at the last moment.

The Mayor of Arendal addressed herself to the audience (speech attached with the minutes) and expressed her sincere and deep appreciation to the UIM and to the other international motor sport federations.

R.Chiulli then referred to the successful UIM safety workshop, attended also by FIA delegates, held in the morning at racing site for all drivers racing in Arendal.

2. Objective of the meeting and main goals on Environment and Alternative Energies

Raffaele Chiulli outlined the main objectives of the meeting:

- a. Advance the international sport federations' efforts in making progress on the environmental arena
- b. Strengthen co-operation between the international motor sport federations' and UNEP
- c. Promote the international sport federations' environmental profile towards international media and the public.

Raffaele Chiulli (see attached his presentation) then recalled the main points discussed and agreed at the previous meetings and he also showed the progresses made so far.

3. UNEP's program on Sports and Environment with focus on motor sports

This agenda point was not dealt with since the UNEP representatives informed two days ago that unfortunately they were not able to attend this meeting.

4. Short presentation of status and plans by attending international sport federations' (UIM, FIA, FIM, FAI)

The FAI had completed the chart with the details on what they are doing on the main environmental matters. They will send a further update.

The different motorsport federations then did report on their activities and the main points outlined by each of them are included within the presentation attached.

5. Green motorsport games initial concept

Aslak Pedersen from the Norwegian Olympic Committee stated that "going green" is a must for all water sports. Norway has been the forerunner of this project and all motorsports in Norway are on the same wavelength. He strongly encouraged UIM-FIA-FAI-FIM to jointly organize the proposed Green motorsport games.

6. Discussion on the way forward

A step further: establish the International Motorsport Environment and Alternative Energies Council (IMEC) with the participation of all international motor sport federations (see proposal attached within Raffaele Chiulli presentation). The President and Secretary General of the Norwegian Motorsport Federation (NMF) clearly express their positive opinion on the creation of the IMEC and they will be very supportive of this proposal. Raffaele Chiulli then asked for input on the composition of this Council to be received by the next coming meeting by all the international motor sport federations. The Council is to be seen as a formalization of the ongoing constructive cooperation and the working group meetings will be continued as well.

7. Go through the following day public session activities

Svein Elgvin explained on how we would proceed with the agenda of the one hour Public Moderated Session of July 16th. First part will be English speaking with interviews from a moderator towards the different Federation representatives. Second part will be in Norwegian.

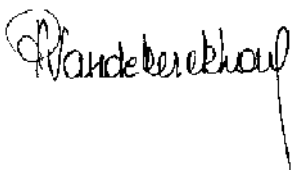
8. Next meeting: Date and Place

There were 2 possibilities

Valencia Moto GP November 4 – 7 upon invitation by the FIM
Global Forum for Sport and Environment at the UNEP Headquarters in Nairobi on November 6 -9.

The majority of the attendants opted for Valencia. FIM will send by mid September all the relevant details.

The meeting did adjourn at 19.10 hours and all delegates attended the dinner hosted by the UIM and the NMF.



Régine Vandekerckhove
Secretary General UIM

Attachments

- Speech by Mayor Torill Rolstad Larsen
- Presentation by UIM President Raffaele Chiulli
- Group Photo of all attendants

Dear representatives for International Motor Sports organizations. I wish you all a warm welcome to Arendal!

Our city was the major Nordic harbor during the sail ship period, and we have a long history with international maritime activities. Boat sport has been a natural part of this, and we are very proud to host the NGP World Championship 2010.

But Arendal is also very proud to host Norway's biggest UN activity, GRID-Arendal, which has inspired us to take a strong position as an international environmental city. We are the first city in Norway to become climate neutral according to UN guidelines.

As a result of this the city administration with our 3000 employees will reduce our CO2 emissions with 90% over 10 years starting in 2007. We are already well underway to reach this ambitious goal.

In this context it is important for us that any major event taking place in our city has a strong focus on the environment. And it is therefore with great pleasure I have noted over the last years that NGP, under the leadership of Mr. Svein Elgvin, has become an excellent sports event example to follow, when it comes to environmental performance. NGP is therefore included as an activity in our program as a UN city. The race is eco lighthouse certified, climate neutral according to UN guidelines, and has taken a lead in inspiring other motor sport events in doing likewise.

The meeting here today is an example on this. And I want to congratulate Doctor Raffaella Chiulli, leader of the International

Motor Boat Sports Association UIM, whom I first met with during NGP in Arendal last year with your good work since then. At a panel debate in the city hall Arendal last year, you presented an environmental plan for change within power boating. I know the plan now is being implemented, and debated here today, with focus on real environmental performance, not just green washing of the games.

I am convinced that without such focus, motor sports will experience major difficulties in the years to come, when sustainable development and fight against climate change will play an increasingly important role on the international agenda.

It is therefore with great satisfaction I see that also the other International Motor Sports Organizations has taken the opportunity to come to Arendal during NGP to discuss how you can contribute to make motor sports support both the local and the international environmental agenda.

I wish you again a warm welcome to our city, an environmental meeting with good and concrete results this afternoon, and a wonderful boat race during the weekend.

Best regards

Torill Rolstad Larsen

Mayor

Water sports and Environment: Yes, we care!



**UIM – FIA – FIM – FAI and UNEP JOINT MEETING
Environment, Alternative Energies and Sustainable
Development**

Raffaele Chiulli

UIM President

Arendal, 15th and 16th July 2010

Agenda working session

Thursday, 15th of July 2010

16.30 – 19.00 hours Arendal Herregård Hotel

1. Welcoming address by the UIM President
2. Objective of the meeting and main goals on Environment and Alternative Energies
3. UNEP's program on Sports and Environment with focus on motor sports
4. Short presentation of status and plans by attending international sport federations' (UIM, FIA, FIM, FAI)
5. Green motorsport games initial concept
6. Discussion on the way forward
7. Go through following day public session activities
8. Wrap up the meeting
9. Next meeting: Date and place

Dinner hosted by UIM and NMF at 19.30 hours

Agenda public moderated session

Friday, 16th of July 2010

12.00 – 13.30 hours Arendal Pollen

1. Statement from the Mayor on Arendal as an environmental friendly city
 2. Statement from UNEP on their Sports and Environment program and their co-operation with motor sports
 3. Statement from Government Representative
 4. Statements from international sport federations' on how their sports are committed to support the environment and combat climate change
 5. Statements from one or two motor sport role models that are committed to use the sport to support environment and combat climate change
 6. Statement from a manufacturer (engine, fuel) and a NGO (Håndlykken/Kruse from Zero) on how motorsport can lead environmentally friendly technical development
 7. Moderated Q&A session with the public or invited guests (Eivind Ljøstad editor of regional newspaper)
-

Objective of the meeting

- Follow-up of the previous meetings (Riccione, October 2009 and Monaco, March 2010)
- Advance the international sport federations' efforts in making progress on the environmental arena
- Strengthen co-operation between the international sport federations' and UNEP
- Promote the international sport federations' environmental profile towards international media and the public



The key environmental issues we are focussing on

- Optimal use of resources (electrical energy, fuels...) and materials
- Efficient logistics and transport (e.g. flights, hotel rooms, fossil fuel consumption...)
- Reduce polluting, discharges to water and emissions to air
- Waste recover and recycle
- Noise reduction
- Respect for wildlife

The motorsports world bodies agreed to jointly focus on:

- **Optimal use of resources**
 - **Reduction of pollution**
 - **Reduction of noise**
-

How we can jointly promote environmentally friendly behaviors and technologies (1/3)

Actions	UIM		FIA		FIM		FAI	
	YES	NO	YES	NO	YES	NO	YES	NO
Race participants acceptance criteria (e.g. environmental compliance...)	YES	NO	YES	NO	YES	NO	YES	NO
Sometimes	✓		✓*		✓*		✓*	
Environmental risks assessment and management through Key Performance Indicators	YES	NO	YES	NO	YES	NO	YES	NO
Only in some specific cases	✓		✓*		✓*			✓
Promote innovative clean technologies	YES	NO	YES	NO	YES	NO	YES	NO
	✓		✓		✓		✓	
Knowledge transfer from motor sport racing to production series	YES	NO	YES	NO	YES	NO	YES	NO
And vice versa		✓	✓		✓			✓
Keep pressure on manufacturers to develop more energy efficient solutions and environmentally friendly fuels	YES	NO	YES	NO	YES	NO	YES	NO
* With low success at the moment	✓*		✓		✓*			✓
Let all stakeholders know that the our ISF's care about the environment	YES	NO	YES	NO	YES	NO	YES	NO
* First steps	✓*		✓		✓		✓*	
Prepare and implement environmental communication plans	YES	NO	YES	NO	YES	NO	YES	NO
First steps	✓		✓		✓		✓*	

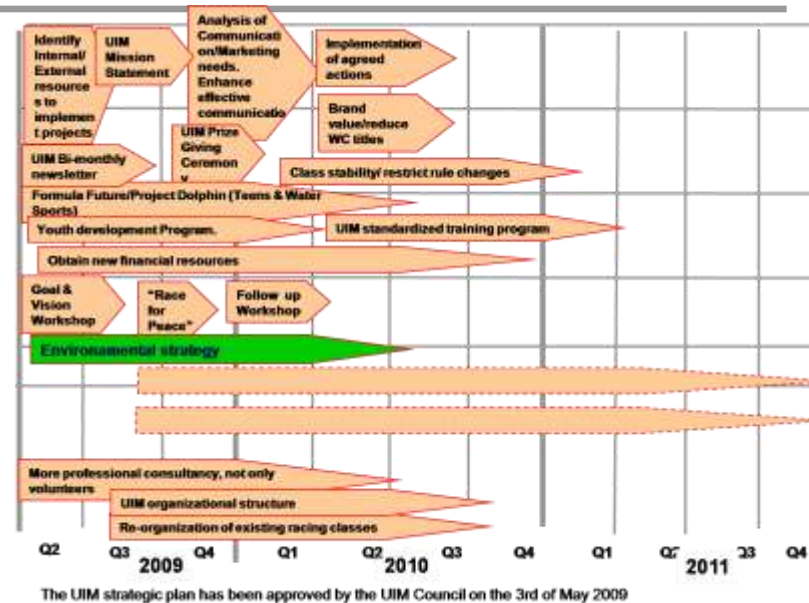
How we can jointly promote environmentally friendly behaviors and technologies (2/3)

Actions	UIM		FIA		FIM		FAI	
	YES	NO	YES	NO	YES	NO	YES	NO
Joint efforts/working groups with other international motor sport federations (UIM, FIA, FIM) Specifics joint initiatives already identified	✓		✓		✓		✓	
Focus on values such as sportsmanship, sustainable development and economic efficiency	✓		✓		✓			
Set green standard (e.g. emissions, environmental awareness of participants, audience and staff involved) - * only for some classes	✓		✓*		✓			✓
Participants to get around by bike and on foot * or by electric vehicles/public transportation	✓*					✓	✓	
Renewable electricity power supply *Experimental Classes, Specific Projects		✓	✓		✓		✓*	
Encourage environmental initiatives in sports association, teams and organizations of events	✓		✓		✓		✓	
Fuelling authorised zones environmentally compliant (eg. adsorbing carpets)	✓			✓	✓			✓

Monaco meeting – main points outlined by UIM

The importance of Sport and Environment ...

- The Olympic Movement has incorporated the environment into its charter, alongside sport and culture
- IOC encourage its members to play an active part in sustainable development
- Sports facilities, events, activities and the manufacture of sporting goods have an impact on the environment
- Energy consumption, air pollution, emissions of greenhouse gases, waste disposal, wastes use and impacts on biological diversity are all issues for the sporting world to address
- The popularity of our sport can be a vehicle to increase environmental awareness and respect for the environment among the broad public, especially young people...



Monaco meeting – main points outlined by UIM

...particularly for young generations

The UIM Formula Future offers teens to learn and practice an exciting sport while having fun and building their sustainable future

F = Fun

U = Unique

T = Training

U = Under

R = Responsible

E = Education



• **EDUCATION**

• **CULTURE**

• **SPORT**

Formula Future provides valuable educational and cultural benefits to participants

Water awareness, physical ability, team work, safety **and environmental respect** are the basis of participation in the Formula Future

Formula Future allows the development of young talents and create a pathway for progression into other UIM classes

UIM looks at teens to breed a future for sportsmanship and safety while nurturing a passion and respect for water and its environment

Monaco meeting – main points outlined by UIM

- Formula 1:
 - ▶ Currently using racing unleaded green fuels in Europe
 - ▶ Clean fuel task force
 - ▶ Environmental footprint on selected water circuits pre-after races
- Finalized UIM environmental code
- Defining UIM environmental plan
 - ▶ Environmental compliance of partners to work with UIM
 - ▶ Environmental certification for UIM
 - ▶ Environmental handbook
 - ▶ Environmental workshops at racing events (e.g. Arendal, Stresa)
 - ▶ Environmental training for UIM officers
- Created a dedicated UIM - Environment Working Group
- Cooperation agreement signed with UNEP
- Created the UIM award for environment to serve as a catalyst for the implementation of best practices in the field of sustainable sports and the environment

Monaco meeting – main points outlined by UIM

- Noise reduction silencers
- When a Class has more than 50% of the entries using EPA engines at a World Championship then the non EPA engines are phased out
- Electric powered boats
- Ecology section included in UIM Commissioner report
- Used the green fuel Aspen + alkylate petrol, which is synthetically produced and used in the Swedish Touring Car Championship, avoids using dangerous substances such as benzene, polyaromatic hydrocarbons, olefins and aromatic hydrocarbons

Energy efficiency and environment: synergies between boatyard industry and competitive powerboating (1/2)

- Cooperation among boatyard industry - competitive powerboating - research center for the ongoing design and construction of a new prototype of a pleasure craft at high speed and performance techniques.
- Ongoing studies and racing tests on the hull, the interactions with water lines, focusing on air compression, thus trying to get the most possible reduction of the effects of friction on the performance and consumption of the boat. Significant reduction in use and recycling of materials.

Energy efficiency and environment: synergies between boatyard industry and competitive powerboating (2/2)

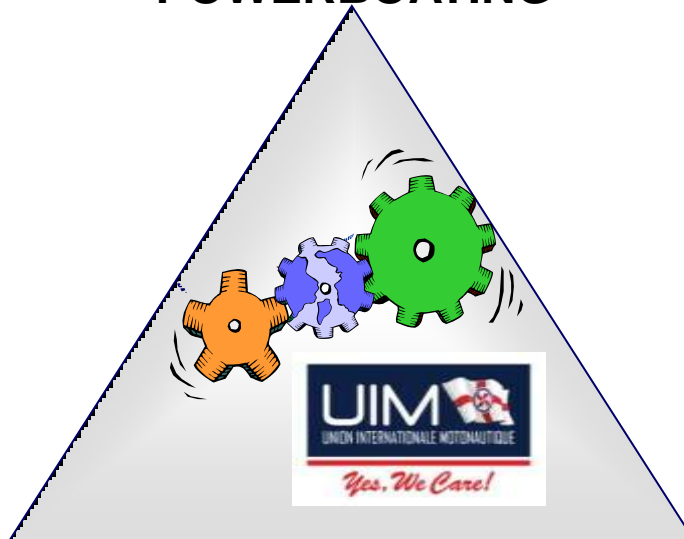
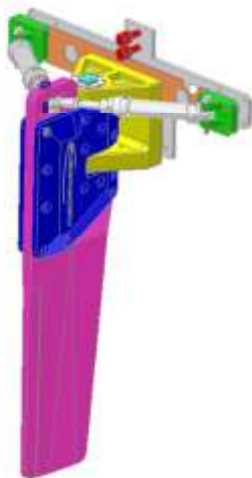


TRANSMISSION



**COMPETITIVE
POWERBOATING**

RUDDER



SURFACE PROPELLER



**UNIVERSITY
RESEARCH CENTER**

BOATYARD INDUSTRY

UIM Environmental Code

Main principles

- Habitat protection
- Resource conservation
- Waste and pollution reduction
- Environmentally friendly technologies and behaviors
- Environmental awareness and education
- Consultation with all stakeholders
- IOC Charter and Agenda 21 for Sport – responsible concern for environmental issues

Main objectives

- to promote environmentally sustainable practices
- to includes social, cultural, and ecological responsibility to meet
 - ✓ Our needs now
 - ✓ Needs of future generations

UIM Working Group Environment

Role

- Advise the UIM on policies to be adopted in terms of environmental protection, alternative energies and support for sustainable development and, through its members, support the UIM programs and activities in this field

Responsibilities

- Raise awareness on environment, alternative energies and sustainable development among UIM National Authorities and UIM stakeholders
 - Disseminate knowledge and ensure know-how transfer in the above areas
 - Promote environmental responsibility in the planning and staging of UIM events
 - Ensure compliance of UIM affiliated members with the Environmental Code
 - Promote the creation of an Environmental Working Group within National Federations
 - Organize environmental seminars and establish a high profile network of correspondents
 - Prepare an annual environmental report
 - Present the WGE work and findings at the UIM Council and General Assembly
 - Advise the national environmental working groups on how to tackle environmental issues
 - Liaise with external institutions such as public authorities, environmental organizations and other sporting bodies
-

Monaco meeting – main points outlined by FIM

FIM explained some of their major activities such as:

- The quarterly environmental Newsletter
- To search development throughout the competitions
- To organize “ECO” events (Denmark, USA)
- To organize meetings with the manufacturers to grow the interest from industry (beyond the competitions)

FIM created their working group in 1992 and they had then created the Environmental Code where the main goals were:

- Ground protection
- Reduction of Sound level
- Alternative Energies

FIM explained that their approach to environmental matters was an ongoing process and that they wanted to further share the experiences with other motor sport federations

Monaco meeting – main points outlined by FIA

Actions had been taken (also at F1 level) which included :

- No re-fueling
- Special prize for reduction of fuel and pollution
- Off Road Championships with bio-fuels
- Test on consumption index through black box in the cars

FIA confirmed that there was a kind of fever now on “green” products and that they did receive requests for many projects (especially electronic vehicles).

FIA stated that it was important to share information and also share problem areas in between the different meetings of this group.

The representative of the Car Manufacturers highlighted that they wanted to work on different technologies, not just Hybrids and electric vehicles only and not only researching for the top classes but also considering the lower categories.

UIM stressed the importance of bridging the gap with the manufacturers whereby the International Federations are to be perceived as the manufacturers’ permanent lab. Also the International Federations do have the possibility to recommend to participants to follow the innovative solutions and the rules the IF’s are proposing.

Monaco meeting – main points outlined by FAI

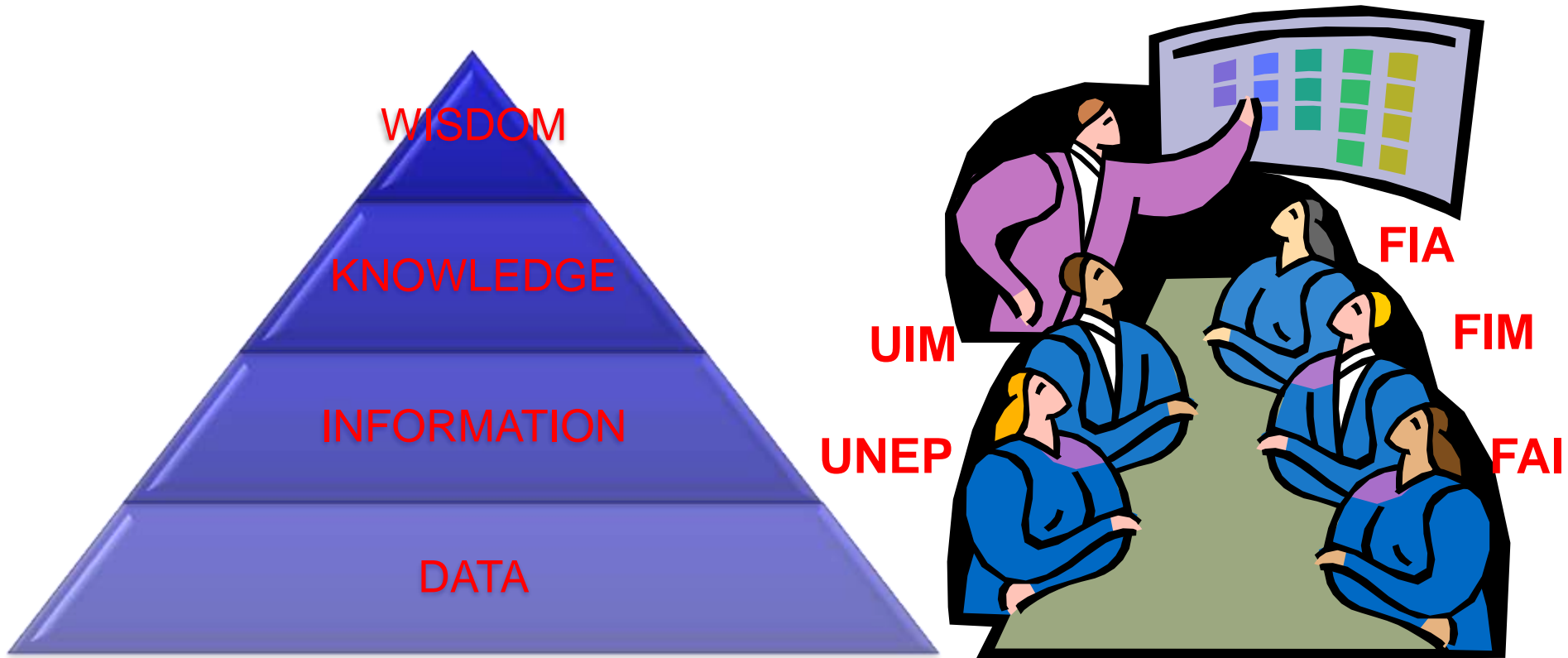
FAI informed that 10 years ago, a prize was given to aircrafts taking off on solar capacity.

FAI is also using Black Box, GPS and engine noise measurement systems on which the data could not be touched.

FAI stated to be very grateful with the invitation to this meeting

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The importance of knowledge sharing



Sharing knowledge and best practices with other international motor sport federations and international institutions is pivotal to enhance environmental standards and achievements

A step further - UIM proposal (1/2)

Establish the International Motorsport Environment and Alternative Energies Council (IMEC).

The goal of the IMEC would be to raise awareness on environment, alternative energies, sustainable development and develop ideas and solutions for motorsport through:

- Disseminating knowledge and ensure know-how transfer
 - Promote environmental responsibility in the planning and staging of motorsport events
 - Liaise with external institutions such as public authorities, environmental organizations and other sporting bodies
 - Exchange best practices between the motorsport federations
-

A step further - UIM proposal (2/2)

IMEC should have a rotating chairmanship between the motorsport federations in terms of one year. For the first 2 years the UIM will coordinate the activities and will provide secretariat support

The motorsport federation which holds the chairmanship organizes an annual council meeting

The chairmanship will be handed over to the motorsport federation that organizes next year's council meeting

The motorsport federations decide on two candidates each to sit at the Council (selected key international partners, e.g. UNEP, may be invited)

Other council meetings or conferences can be organized when agreed between the motorsport federations. The federations cover their own costs for participating

We suggest that the UIM hold the chairmanship the first year and will through the IMEC organize the first “*green motorsport games*” in the history



UIM NEWS
UNION INTERNATIONALE MOTONAUTIQUE

UIM 81 monthly Newsletter - December 2009

UIM NEWS

General Assembly Charting Powerboating's Future

UIM NEWS
- The General Assembly
- UIM, FIA and FM Join Forces on Environment

NEWS FROM THE RACE TRACK
- UIM President Leads P1 World Champions
- O. Heaven!

NEWS FROM THE

The 82nd UIM General Assembly, held in Riccione, Italy and hosted by the Italian Powerboat Federation was voted an overwhelming success. Some 130 delegates from all over the world attended an event that witnessed many significant achievements. Among the attendees invited by UIM President Raffaele Ghisli were Flor Froehlich from the International Olympic Committee, President of the International World Games Association, Vice President of CAISF and Hon. President of ARSF.

The President also spoke of the Environment, Alternative Energy and Sustainable Development initiative, a UIM - organised joint and historic meeting between the UIM-FIA-FIM who presented their views and agreed to jointly focus on optimal use of resources, reduction of pollution and the reduction of noise (see page 2).

To underline the significance and focus on Sustainable Development of Powerboating, the UIM created the Working Group Environment and assigned the first UIM Environmental Award to Earthrace, for the UIM world record for circumnavigating the globe using 100% biofuels and 100% recycled and reusable material.

UIM
UNION INTERNATIONALE MOTONAUTIQUE

Yes, We Care!

UIM President and International Publications



FIM Alternative Energy Newsletter

ISSUE #6, February 2010

Introductory words by Robert Rasor, FIM AEWG Chairman



It seems as though 2010 will be a "benchmark" year for alternative energy, electric vehicles and emerging competitions to challenge manufacturers, organisers and enthusiasts. Already we have announced the FIM International e-Power Series, the TTXGP UEM Series involving national federations, several key conferences and the first alternative energy presentation by the FIM at the prestigious 2010 IAMF Conference to be held at the Geneva Auto Show.

In addition, we have seen increased focus by manufacturers on electric powered PTWs which reveals much of what we can expect in our future - perhaps more quickly than we thought! Indeed, 2010 will be an interesting year for all facets of alternative energy but especially for motorcycling.

Robert Rasor, FIM Vice-President, FIM AEWG Chairman

FIM Ride Green Eco Enduro rides towards a promising future



In December 2009, motorcycling shed some light on the somewhat gloomy news coming from the Copenhagen Summit on Climate Change. While negotiations between leaders of this world were stalling, electric motorcycles were (silently) roaring around Denmark. The FIM Ride Green Eco Enduro was a complete success, not only considering the race itself but also the media attention and the number of officials it attracted.

The idea behind the FIM Ride Green Eco Enduro was to organise a race with electric off-road bikes to prove that racing with electric bikes is not an idealistic green dream, but a possible reality from today. The original idea from Ivan Reedtz-Thott, former Dakar Quad participant & Søren Clauding motorsports journalist, was supported by the Danish Motorcycle Union, Swiss Manufacturer Quanta and the FIM. For the FIM and its alternative energy efforts, this proved to be a golden opportunity to land another stepping stone towards the practical application of green motorcycling.



This 3-day race took place on the first two days at 10-15 km outside of Copenhagen; the third day, Sunday, the whole event was moved to central Copenhagen, using the military quarters of Svanemøllen, to be accessible to the public and close to the COP15. The bikes used for the race were the Quanta Track Evo 1, slightly modified for the race. Quanta came with a team of 6 employees, in charge of all the servicing of the bikes - repair, charging, changing of batteries; they also came with a biodiesel truck equipped for transportation and charging of the bikes.



All of the 38 riders (including 5 times MX World Champion Joel Smets, Cross Country Rally World Champion Pål Anders Ullevålseter, many top Dakar riders, Danish MX star Brian Kjer Jørgensen) reported that they had great fun riding these bikes. The limited range was of course an issue, giving the riders the added tactical challenge of smooth riding and holding back so that the batteries did not go flat during a stage.



FEDERATION INTERNATIONALE DE MOTOCYCLISME
11, ROUTE DE SWISSE - CH - 1295 MIES
www.fim.ch
FIM@fim.ch

Joint environmental newsletter?

Next meeting – date and venue

- FIM proposed to host the following joint meeting on November 6th at the occasion of the Motor GP in Valencia Spain
- Global Forum for Sport and Environment UNEP Headquarters, Gigiri Nairobi, Kenya 8 to 9 November 2010



Water sports and Environment: Yes, we care!



**UIM – FIA – FIM – FAI and UNEP JOINT MEETING
Environment, Alternative Energies and Sustainable
Development**

Raffaele Chiulli

UIM President

Arendal, 15th and 16th July 2010

