



FINNISH
ANTIDOPING AGENCY
FINADA

ANNUAL REPORT
2004

FINNISH
ANTIDOPING AGENCY
FINADA

*The values of FINADA
are as follows:*

- *ethics*
- *fairness*
- *quality, and*
- *expertise.*





The Finnish Antidoping Agency (FINADA) is a non-profit organisation with most of its funding allocated by the Ministry of Education from the National Lottery funds.

FINADA promotes antidoping activities in sports and is in charge of doping control in Finland. FINADA works in close co-operation with sports and antidoping organisations.

FINADA's vision is to be a nationally and internationally established, reliable and competent antidoping organisation. Athletes and sports organisa-

tions are committed to clean sports.

FINADA's mission is to promote healthy and clean sports by conducting high-quality doping controls, and by expanding and developing antidoping education in co-operation with its partners and stakeholders.

FINADA contributes to international antidoping work by promoting equality in sports between different countries and by harmonising antidoping codes and practices.

TABLE OF CONTENTS

CHAIRMAN'S REVIEW	6
ADMINISTRATION	6
AGENCY MEETINGS	6
BOARD	6
SUPERVISORY GROUP	6
WORKING GROUPS	6
OFFICE	6
DOPING CONTROL	6
DOPING TESTING	6
THERAPEUTIC USE EXEMPTION	6
QUALITY SYSTEM	6
ANTIDOPING PASSPORT AND THE MANAGEMENT SYSTEM	6
EDUCATION	8
INTERNATIONAL ACTIVITIES	9
THE WORLD ANTI-DOPING AGENCY (WADA)	9
UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANISATION (UNESCO)	9
COUNCIL OF EUROPE	9
ASSOCIATION OF NATIONAL ANTI-DOPING AGENCIES (ANADO)	9
INTERNATIONAL ANTI-DOPING ARRANGEMENT (IADA)	9
EUROPEAN UNION (EU)	9
NORDIC COOPERATION	9
OTHER COOPERATION	9
COMMUNICATIONS	10
ANTIDOPING CODE AND LEGISLATION	10
RESEARCH ACTIVITIES	10
CLARIFICATION OF THE EXTENT OF RESEARCH AND DEVELOPMENTAL ACTIVITY	10
FINANCES	10
KEY EVENTS DURING AND AFTER THE FINANCIAL YEAR	10
ASSESSMENT OF ENSUING DEVELOPMENT	10
ANNEXES:	12
ORGANISATION AND STAFF	12
STATISTICS ON DOPING CONTROL 2004	13
PUBLICATIONS	14
FINADA'S ARRANGED TRAINING	15
EVENTS IN 2004	16
FINADA'S INTERNATIONAL REPRESENTATION	16



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CHAIRMAN'S REVIEW

In Finland, the year 2004 signified the implementation of a national Antidoping Code based on the new World Anti-Doping Agency (WADA) Code. As ordered by the Finnish Antidoping Agency (FINADA), the amount of doping tests increased somewhat. What was significant was the fact that FINADA also assumed responsibility for the doping tests previously financed in part by the sport federations. Positive incidents totalled 8, i.e., two more than during the previous year. These cases were typical, as they were linked with sports requiring special strength. Since the tests were targeted more on top athletes and the small number of positive incidents was concentrated on a few problematic disciplines, Finland's situation with respect to the antidoping effort may be regarded as a good one. The sports federations have taken the requirement for a sustainable ethical foundation in sport seriously, but there is still room for development in the antidoping activities.

The certification of FINADA's quality management system for testing operations was completed during the year. FINADA received the international ISO 9001:2000 quality management certificate on 2 August 2004. The assessment was carried out by DNV Certification Oy Ab. During the certificate transfer ceremony, Minister of Culture Tanja Karpela stated that the quality management certificate was a demonstration of the high standard of Finnish doping control which marked a top-level world standard.

During the year otherwise, doping was strongly featured in the international media. The dynamic repercussions of the Balco laboratory scandal from the previous year still figured quite strongly. Many top American athletes were linked one way or another with the case. In the struggle against doping, what was significant was the image given at least to the public with respect to the more stringent actions taken in the United States, where the public opinion against doping grew in intensity. This is also shown by the fact that President George W. Bush addressed the issue of antidoping operations in his State of the Union address in the winter of 2004.

The Athens 2004 Olympic Games were affected by doping. Many a medal was re-issued as the result of a medallist being caught using prohibited substances or methods. A total of over 20 incidents of doping were recorded during the competition. Almost all cases were from countries where doping control is minimal.

The number of such cases reveals that doping is still a substantial problem in high-level sports, but it also substantiates that doping control is gaining more effectiveness all the time. Last year saw several

positive developments with respect to intensification of control. All significant international sport federations came under the WADA Code. At the same time, all the countries involved with top international sport are, on the level of principle, committed to following the common rules. In many European nations as well as most other continents, internal control is nevertheless severely lacking. Similarly, the attitude to doping both within top athletics and amongst the general public is not negative enough.

During the year, a lot of hard work also went into developing new testing methods. The testing of growth hormones was initiated. No information has come to public attention of even one positive test. This being the case, we do not know yet whether the new test is effective enough for legal purposes.

During the current year, FINADA will face the demanding task of handling the doping testing for the IAAF World Championships in Athletics. This – the largest sport event in Finland ever – will require a big effort on the part of FINADA personnel with respect not only to planning but to its implementation and related resources as well. The doping testing will attract a huge amount of attention during the competition. We will not have the option to commit the smallest mistake.

For the doping laboratory at United Laboratories Ltd, the championships will also represent the acid test. We have, together with the support of the Ministry of Education, endeavoured to update the laboratory equipment. Being able to host such large international sports events in Finland also in the future requires doping test analyses which are fast and in keeping with the most state of the art methods. For this reason, maintaining an accredited doping testing laboratory in Finland is particularly important.

Our testing activities are based on the praiseworthy activities of dozens of active testers and their assistants throughout the country, doing this work in addition to their own jobs. I would like to give my thanks to them as well as to the Board, Supervisory Group and office staff of FINADA for the excellent work they conducted last year.

Espoo, 5 April 2005
OLLI PUNTILA
Chairman of the Board

ADMINISTRATION

Five members make up the Finnish Antidoping Agency (FINADA): the Finnish Sports Federation, Finnish Olympic Committee, Finnish Paralympic Committee, Finnish Association of Sports Physicians and the Republic of Finland, represented by the Ministry of Education.

AGENCY MEETINGS

FINADA's regular spring meeting was held 29 April 2004. The meeting place was the Finnish Sports Federation building in Helsinki.

The statutory matters were considered during the spring meeting. The closing of the accounts was corroborated as well as the Annual Report as part of the same.

All FINADA members were represented in the spring meeting.

FINADA's regular autumn meeting was held on 23 November 2004. The meeting-place was again the Finnish Sports Federation building in Helsinki.

The statutory matters were handled during the autumn meeting. The autumn meeting corroborated the agency's operational plan and budget for 2005.

All FINADA members were also represented in the autumn meeting.

BOARD

FINADA's Board convened a total of nine times during the year. The composition of the Board is noted in the annex concerned.

The Board arranged a strategy meeting together with FINADA's Supervisory Group and office staff on 21–22 June 2004 at Kisakallio Sports Institute.

SUPERVISORY GROUP

The Supervisory Group met a total of 13 times during the year. The composition of the Supervisory Group is noted in the annex concerned.

WORKING GROUPS

Three working groups assigned by the Board operated during the year:

- education
- research
- communications

The composition of these working groups is provided in the annex concerned.

The working group on education monitored the implementation of educational strategy, convening once during the year under review.

The research-related working group formulated the research strategy. This group convened once in 2004.

The task of the communications working group was to prepare the communications strategy. This group convened six times during the year under review. FINADA's Board approved the working group's communications strategy in its meeting on 15 December 2004.

FINADA has actively influenced the ethics-related effort conducted by the sports organisations in the Finnish Sports Federation's ethical working group.

OFFICE

In 2004, seven full-time personnel and one part-time employee worked in the FINADA office. The office staff members are listed in the annex concerned.

DOPING CONTROL

The testing activities of 2004 focused on the development of national testing operations by creating, in the manner required by the code, a national testing pool. A management system for testing was developed to better respond to requirements. International competitions as well as the doping tests performed during them were relatively few compared to previous years and those coming in 2005.

DOPING TESTING

In 2004, a total of 1,844 doping tests as ordered by FINADA were performed in Finland (1,835 the previous year). Of these, FINADA's own tests totalled 1,814 (1,314).

International competition-related tests, those performed by the international sports federations and WADA's out-of-competition tests totalled 102 (311). Of FINADA's tests, 844 (797) were out-of-competition and 970 (517) were in-competition. With respect to international testing, 66 (136) tests were completed out-of-competition and 36 (175) in-competition. The World Anti-Doping Agency (WADA) share of these tests was 47 altogether, part of which were conducted abroad and part in Finland: 11 of these were on Finnish athletes.

Positive doping cases totalled eight: powerlifting 3, weightlifting 3 (one foreign), American football 1 and volleyball 1.

Primarily international level athletes were tested. A total of 108 EPO tests were conducted (FINADA 66 and WADA/FIS 42) as both direct-urine EPO tests and screening after the blood sample as utilised: in cross-country skiing 46, biathlon 15, swimming 13, Nordic combined 12, triathlon 6, cycling 4, basketball 3, orienteering 3, ski orienteering 2, modern pentathlon 2, circuit canoeing 1 and athletics 1.

FINADA also carried out tests abroad on athletes preparing for the Olympic Games in Athens in April and on skiers, biathletes and ski orienteers at the Ramsau camp in October.

In the spring of last year, FINADA received the international ISO Quality Management System certificate for its testing operations. Approximately 350 individual athletes were appointed at the end of the year for the testing pool in accordance with the Anti-doping Code. One part of the management system for the testing operations is the Antidoping Passport provided for the use of the testing-pool athletes, equipped with its own user IDs and passwords. This system as well as the use of the Antidoping Passport shall be developed further in 2005.

Bereg Kit testing tools were still being utilised in the tests.

The training days for DCOs were held 7–9 February 2004. The training focused particularly on matters which come up in testing situations. The purpose in training both DCOs and assistants was to further improve their professional skills and knowledge of antidoping issues so that the level of know-how would correspond to the requirements of the quality management system certification.

THERAPEUTIC USE EXEMPTION

At the outset of 2004, therapeutic use exemption (TUE) procedure was incorporated in accordance with the international standard ratified by WADA. The purpose of the international standard is to create, on a global basis and amongst the various organisations, an integrated practice for the granting of therapeutic use exemptions.

In 2004, TUEs provided considerable work for both FINADA's Supervisory Group and the office. In total, approximately 1,200 therapeutic use exemptions were handled during the year. Of this number, about 10% were TUE applications proper and the rest were based on the notice procedure.

QUALITY MANAGEMENT SYSTEM

Det Norske Veritas (DNV) certificated FINADA's testing system in accordance with the ISO 9001:2000 and International Standard for Doping Control (ISO Pass 18873) quality management systems. The administration's assessment associated with the certification evaluation was held on 25–26 March with the assessment of the testing procedure on 18 April. DNV granted the quality certificate on 28 July 2004, and on 2 August FINADA and the Ministry of Education organised a press conference on the certification. By means of quality management, doping testing is being harmonised internationally to ensure impartial and safe doping testing for all athletes.

The main goals are the:

- implementation of the quality management system in all fields, training and communications for all interested parties,
- auditing of various fields in the national quality management system and performance of the required corrective procedures,
- management of quality documentation,
- external evaluation and certification of the quality management system, as well as
- the maintenance and development of international quality management system cooperation.

An internal auditing system was also developed for doping testing in 2004, by aid of which the skills of the DCO are being developed on a continuous basis. The testers who will be performing tests at the IAAF World Championships in Athletics in 2005 are a special focus.

ANTIDOPING PASSPORT AND THE MANAGEMENT SYSTEM

FINADA's doping testing management system was taken into full use at the beginning of 2004. This includes managing the testing from planning (test plan / sent doping test requests) to the management of test results (processing of results, compilation of statistics, printing of athlete responses). The management system shall be continuously developed as new requirements emerge.

The Passport athlete data system primarily serves the testing pool athletes. Passports together with passwords are distributed to the testing pool athletes designated by FINADA. Team sports are being introduced to the Passport system in accordance with the testing pool specifications in the spring of 2005. The users are encouraged to update their location-related information in particular by means of the Passport.

ADAMS, the data management system developed by WADA, was introduced to the testing stage at the end of 2004. The compatibility of FINADA's Antidoping Passport system and WADA's system will be tested in 2005.

FINADA TESTS

Total 1,814

In-competition 970

Out-of-competition 844

**DOPIND TESTS IN
FINLAND 2004**

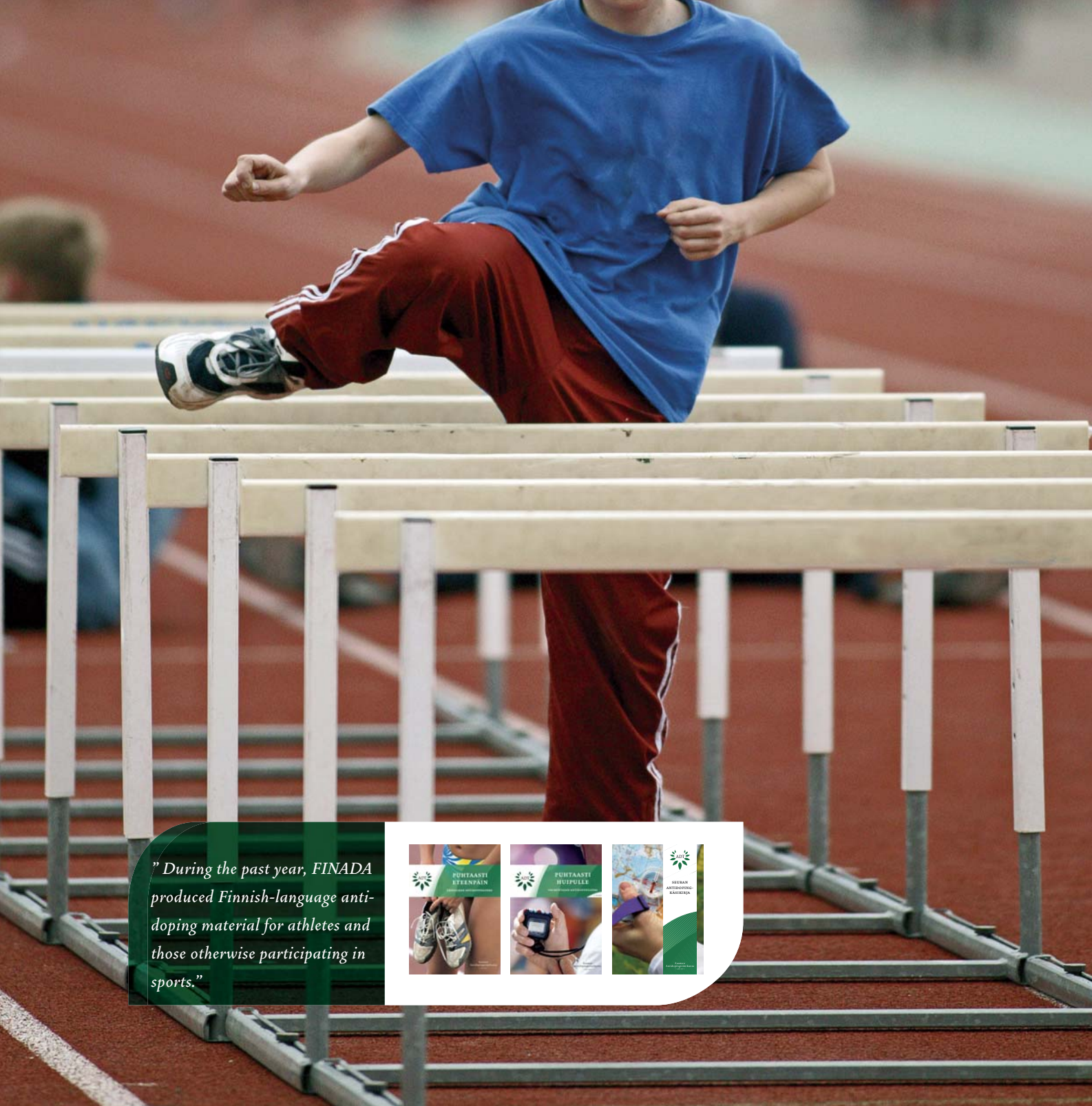
Total 1,946

Federations 30

FINADA 1,814

WADA/international 102





” During the past year, FINADA produced Finnish-language antidoping material for athletes and those otherwise participating in sports.”



EDUCATION

During 2004, educational cooperation with various interests continued in an active manner. A change to previous years in antidoping communications and training was the work of the sports federations assuming more importance than before, with doping testing moving over completely to FINADA for handling. The role of the sports federations in the antidoping work became more active, and their responsibility in the preventive antidoping effort increased. The antidoping work of the sports federations is evaluated, and this evaluation has impact on the State aid given to them.

FINADA organised and was involved with 101 educational occasions during the year, and through the same approximately 5,000 athletes, coaches,

sports leaders and other people involved in sports were reached. Moreover, FINADA participated at Info points in ten different sport federations-related sports events.

In keeping with the training strategy completed in 2003, the main target group was young athletes. Training for coaches was arranged more than during the previous year, and collaboration went on with sports federations towards incorporating antidoping instruction in their educational systems. Training was arranged in cooperation with sport institutes, associations and clubs, the Finnish Olympic Committee, Finnish Paralympic Committee and the Finnish Defence Forces.

During the past year, FINADA produced Finnish-language antidoping material for athletes and those otherwise participating in sports. Puhtaasti

etteenpäin – Nuoren urheilijan antidopingopas (an antidoping guide specifically written for young athletes) was re-published, and Puhtaasti huipulle – Valmentajan antidopingopas (an antidoping handbook designed for coaches) was released. In addition, in 2004 FINADA produced an antidoping manual for sports clubs entitled Seuran Antidopingkäsikirja. This manual was completed for the “Hyvässä Seurassa on Reilu Peli” (“Join the Club for Fair Play”) package, and it is intended to facilitate as well as provide guidance for the antidoping work done by the sports clubs. This guidebook can be printed from the FINADA website at www.antidoping.fi. The manual discusses the responsibility and role of the sports club in the antidoping effort, antidoping code and crisis communications.

INTERNATIONAL ACTIVITIES

The goal of FINADA is to be actively involved in the development effort of the international organisations which are carrying out antidoping work. In this effort, FINADA promotes the harmonization of worldwide antidoping rules and procedures in addition to providing consultation on building antidoping systems in various countries.

THE WORLD ANTI-DOPING AGENCY (WADA)

The key project for the World Anti-Doping Agency (WADA) in 2004 was the adaptation of the worldwide Antidoping Code in various countries and international sports federations. Another important project was the development of various national antidoping systems in those countries where the systems are not yet advanced. In these projects, WADA has worked together with the Council of Europe and the Association of National Anti-doping Agencies (ANADO).

Finland was also actively involved in the Independent Observer programme, in which observers from various countries monitor the implementation of doping tests at international sport events. FINADA has impacted the development of the entire system. Pirjo Krouvila acted as FINADA's representative in the group of independent observers at the Olympic Games in Athens.

Finland has representation in WADA's Ethics and Education Committee, which operates as a body of experts for WADA's Board and office. Education and ethical matters were one of WADA's three areas of emphasis. In the education work, meeting with athletes in various parts of the world have been increased and electronic and written materials for use in all countries have been developed. In collaboration with the Council of Europe, a best practices model for the construction of national antidoping educational programmes was generated.

A large single project was the information campaign for athletes at the Olympic Games in Athens. FINADA and WADA also aim to cooperate in arranging an information event for athletes in connection with the IAAF World Championships in Athletics 2005 to be organised in Finland. WADA, IAAF, the World Championships Organising Committee, the Ministry of Education and FINADA held joint discussions 30 November – 2 December on both the testing and arrangement of an information event during the World Championships.

FINADA has continuously monitored the development of WADA's data system (ADAMS). The target is to adapt it so that it will be compatible with the Finnish antidoping passport system. Realization of the same is going on for the most part during 2005.

UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANISATION (UNESCO)

The formulation of the new global antidoping agreement between states was continued by UNESCO in 2004. The agreement was prepared both in specialist meetings and in sessions between ministers. The intention is to obtain approval for the agreement at UNESCO's General Conference in October 2005.

COUNCIL OF EUROPE

The pivotal projects respective to the Council of

Europe's general antidoping agreement in 2004 were the preparation of UNESCO's agreement between states, the evaluation of antidoping operations in the various contracting countries, preparing educational materials and organising seminars in cooperation with WADA and ANADO in particular. The Council's monitoring group for the agreement underwent changes in the chairman and vice-chairman positions during the spring. Klaus Müller from Germany was selected Chairman and Richard Kruzka from Poland assumed the position of Vice Chairman. When Ulrich Haase, a German national, gave up leading the group of specialists on judicial matters, Juha Viertola was chosen to the position of Chairman.

The working group on law has been actively preparing the UNESCO agreement. The working group on science has taken a stand on questions relating to prohibited substances. The working group on education formulated, in cooperation with WADA, a set of instructions for building up education systems to be incorporated in the WADA Code. The working group on law and that on education mutually organised a seminar connected with food additives on 18–20 February in Strasbourg.

Finland's antidoping activity with respect to both the state administration and associations was assessed 15–18 November by the Council of Europe evaluation group. The group consisted of Kristina Olinder (Sweden), Liene Koslovskā (Latvia), Josko Osredkar (Slovenia) and Stanislav Frossard (Council of Europe). In Finland, the working group that was preparing the evaluation was comprised of Timo Haukilähti and Minna Polvinen from the Ministry of Education, Kerstin Ekman from the Finnish Sports Federation, and Juha Viertola and Pirjo Krouvila, both from FINADA. The evaluation report is being released at the outset of 2005. During 2004, reports on systems evaluation appeared from Luxembourg, France and Sweden. FINADA's representative participated in the evaluations on the systems of Sweden and the Netherlands in 2004.

ASSOCIATION OF NATIONAL ANTI-DOPING AGENCIES (ANADO)

ANADO is the joint organisation of national antidoping agencies. In 2004, the number of member organisations rose from 19 to 36. The member organisations represent all continents. ANADO monitors the interests of its member organisations, transmits information as widely as possible on matters concerning these organisations, and arranges seminars on topical themes. Finland has ANADO's vice chairmanship.

In 2004, ANADO organised seminars during both the summer and autumn with respect to the development and application of the WADA Code as well as the processing of special permits. In connection with the autumn meeting in Bern, a visit to the facilities of the manufacturer of Berek kits, Berlinger, was also arranged. The Swiss Olympic Committee provided financial support for the seminar.

Services are being linked with ANADO by which it would be possible to offer both testing services and educational services in the field to international organisations. Previously, such services have functioned under the name of Drugs Free Sport Consortium and it has handled, among other things, WADA's testing. The merger negotiations shall be brought to a close during the spring of 2005.

INTERNATIONAL ANTI-DOPING ARRANGEMENT (IADA)

The International Anti-Doping Arrangement (IADA) has developed antidoping effort quality management systems to comply with the WADA Code. The development of the various parts of the quality management system as well as the creation of models for national antidoping best practices are included within this activity. IADA and WADA are completing cooperation agreements connected with these projects. The quality management system is also being developed in the direction of full ISO compliance. The development of IADA's own communications was also one of the projects for 2004. IADA's secretariat was in Sweden 2003–2004, and at the outset of 2005 it moved to the Netherlands.

EUROPEAN UNION (EU)

The Constitution of the European Union as approved by the institutions of the EU in 2004 includes an article concerning the competence of sport. The Ministry of Education was responsible for the negotiations connected with this on the EU level. FINADA acted as a specialist for the Ministry of Education when required.

The discussions in the EU have handled, for instance, money games and support for sport based on voluntary efforts. During the autumn, the European Commission has been heard twice in the European Parliament on antidoping questions. Antidoping activity and the role of the EU will probably be discussed in more detail in the years to come as the actual content of the article concerning sport is discussed.

NORDIC COOPERATION

Nordic cooperation is significant for the development of FINADA's fields of activity and mutual international impact. Nordic information exchange has been active particularly in the harmonization of testing and in developing quality management systems. The Nordic countries are also taking their strong antidoping effort to international arenas as a model of high-quality joint action. The 2004 meeting discussed renewal of the organisations, as well as testing systems and the application of the WADA Code. Antidoping education and strategies were special theme.

Sweden organised a separate comprehensive forum for antidoping collaboration with the authorities. Katja Huotari and Pirjo Krouvila from Finland participated in this forum.

OTHER COOPERATION

FINADA has a cooperative agreement on testing with Australia. In the implementation of the Ministry of Education's bilateral agreements, FINADA functions as a specialist as required.

COMMUNICATIONS

The main project in communications in 2004 was the formulation of FINADA's communication strategy. The purpose of the communications strategy is to systematise FINADA's communications, function as a tool of communications and support other fields of activity. Information distribution, arousing discussion, and impacting attitudes amongst FINADA's target groups emerged as the goals of the strategy. Other goals include the advancement of both sport and FINADA's public image amongst interest groups and the general public. Athletes, sports institutes and associations as well as the media were chosen as the main target groups. The Board approved the strategy on 15 December. The communications strategy covers the years 2005–2008.

The end of 2004 saw the publication of a Finnish-language booklet *Kielletyt lääkeaineet ja menetelmät urheilussa 2005* (Prohibited Substances and Methods in Sport 2005). Departing from the practice in past years, the print-run for the publication was dropped from 70,000 issues to 40,000. The reason for this change was, among other things, the quick obsolescence of the printed publication, so the significance of the list as updated electronically on the Internet is given emphasis. The publication is being distributed to sports federations, sports institutes, pharmacies and other FINADA interest groups.

Other printed materials were also released during the year (see annex). All printed materials can be printed from FINADA's website. The additions during the year to the lists of prohibited substances and methods were released at www.antidoping.fi. English and Swedish websites, which are slightly more compact than the Finnish-language pages, were launched in August.

Two antidoping occasions were organised for sports federations during the year. In the first event (5 March), the subjects were prohibited substances and methods in sport and the changed role of sports federations in the antidoping effort. The latter occasion (26 October) examined the role of sports federations in handling exemptions, the renewed prohibited substances list for 2005 and the Independent Observer doping testing supervisory programme at the Olympic Games in Athens.

In 2004, FINADA organised three occasions directed towards the media. The first occasion (5 March) dealt with the list of new prohibited substances and methods and the altered distribution of roles in the Finnish antidoping effort. An invitation seminar for the media was held on 4 November. The subjects were gene technology and EPO. French genetics scientist Philippe Moufler was responsible for the content of the occasion. The year's last event for the media was organised in collaboration with United Laboratories Ltd on 22 November. The theme was doping testing in high-ranking sport competitions. Following the lectures, the media had the chance to get acquainted with the laboratory under the guidance of specialists.

ANTIDOPING CODE AND LEGISLATION

At the beginning of 2004, the revised Finnish Antidoping Code came into effect, which concurrently obliged Finnish sport to comply with the principles and requirements of the Antidoping Code as formulated by WADA.

During the year, ruling practices of the courts as connected with doping infractions were monitored as well as the resolutions made by the legal protection board for sport in regard to sports-related discipline.

RESEARCH ACTIVITIES

FINADA monitors and supports the activity of universities and other research facilities as well as researchers in this area, for instance by seeking financing sources and by increasing discussion between researchers.

FINADA organised a research coordination meeting in Jyväskylä on 6 October 2004. Research projects in various areas were discussed. The researchers represented ethics in sport, physical education, sports medicine, laboratory research, health research, asthma research and nutrition as well as competitive and top-level sports research. Member of the FINADA Board Tommi Vasankari described practical experiences at the Olympic Games in Athens as linked with the medical service to the athletes. The Ministry of Education informed researchers about the research-related development programme and financing.

In 2004, United Laboratories received funding for research projects from WADA for the first time. WADA's annual financing for biomedical scientific research is approx. USD 5 million. WADA also initiated funding for behavioural social science research in 2004.

REPORT ON THE EXTENT OF RESEARCH AND DEVELOPMENT ACTIVITY

FINADA does not do antidoping related research of its own, but monitors and supports the activity of universities as well as other research institutes and researchers in the field.

FINADA's areas of emphasis in development lie particularly in the advancement of education, the development of the Antidoping Passport and improvement in the quality of testing procedures. The development of the Antidoping Passport is being realised in 2005 with support granted for separate projects by the Ministry of Education. Project funding for other development projects is being sought as required, in addition to the basic government funding provided by the Ministry of Education.

FINANCES

KEY EVENTS DURING AND AFTER

THE FINANCIAL YEAR

The finances of the Finnish Antidoping Agency (FINADA) are based on operational assistance and aid granted for separate projects by the Ministry of Education. No initiation or membership charges apply to members. For 2004, the Ministry of Education granted € 1,204,000 of operational assistance. In addition to this, the € 110,000 which remained unused from the operational assistance for 2003 was transferred for use in further developing testing procedures as well as towards the costs of transferring testing operations which were the responsibility of the sports federations to FINADA. The unused portion of the grant for the Antidoping Passport from the aid issued for separate projects, i.e., € 42,958.20, was transferred for use during 2004. During that year, the Ministry of Education additionally awarded a subsidy of € 3,700 for preparations of the EC evaluation.

The continued area of emphasis in FINADA's activities in 2004 was the production of educational materials and the development of communications-related materials.

The Ministry of Education granted operational assistance to the amount of € 1,350,000 for the year 2005. This aid covers the costs incurred by the transfer of testing operations, as well as enables the implementation of an information and education project in the IAAF World Championships in Athletics in Helsinki in cooperation with WADA, IAAF and the competition organisation. The unused share of the aid granted for the Antidoping Passport from the assistance awarded for separate projects, i.e., € 177,121.15, has been transferred for use in 2005.

AN ESTIMATE OF FUTURE DEVELOPMENT

The economic framework of FINADA's activities in the years to come will be defined by the development of aid granted by the Ministry of Education. The entire Finnish doping testing system was transferred at the outset of 2004 within the sphere of FINADA's appropriation. By this means, it is possible to make the targeting of doping testing more efficient within the context of FINADA's own risk analyses and testing strategy. The World Anti-Doping Agency (WADA) has increased the requirements connected with the analysis of prohibited substances and methods in sports, and new agents being used in sports for doping have emerged. This has increased the costs of laboratory analyses. The increase in general cost levels is also being reflected more and more in FINADA's testing operations expenses. Adding to the number of tests beyond the current quantity is no longer feasible without a clear rise in the level of aid.

The functions of FINADA and their necessity are recognised within the sphere of the Finnish sports system, so it may be presumed that the financial resources of FINADA can be expected to remain at least on the current level in the future.



"At the beginning of 2004, the revised Finnish Antidoping Code came into effect, which concurrently obliged Finnish sport to comply with the principles and requirements of the Antidoping Code as formulated by WADA."

"FINADA's areas of emphasis in development lie particularly in the advancement of education, the development of the Antidoping Passport and improvement in the quality of testing procedures."

ANNEXES

ORGANISATION AND STAFF

Board 2004–2005

Chair:

OLLI PUNTILA
Senior Lawyer
Finnish Olympic Committee

Deputy member:

KARI NIEMI-NIKKOLA
Sports Director
Finnish Olympic Committee

Vice Chair:

MIRJA VIRTALA
Senior Advisor, Cultural Affairs
Ministry of Education

HANNU TOLONEN
Senior Officer
Ministry of Education

Members:

OLLI J. HEINONEN
Senior Physician, MD
Ministry of Education

URHO KUJALA
Professor of Sports and Exercise Medicine, MD
Ministry of Education

HILKKA SALMENKYLÄ
Attorney-at-Law
Ministry of Education

RAUNO ANTILA
Director
Ministry of Education

KERSTIN EKMAN
Director of Sport Policy
Finnish Sports Federation

TUIJA BRAX
Member of Parliament
Finnish Sports Federation

TOMMI VASANKARI
Docent in Sports Physiology,
Senior Physician, MD
Society of Sports Medicine

ARJA UUSITALO-KOSKINEN
Specialist in Sports and Exercise Medicine, MD
Society of Sports Medicine

Permanent expert member:

MARJUT ROLIG
Health Care Entrepreneur
Finnish Olympic Committee,
Athletes' Commission

Working Group on Research

OLLI J. HEINONEN, *Chair*
Senior Physician
FINADA Board

KALERVO ILMANEN
Senior Assistant

URHO KUJALA
Senior Physician, MD

ANTTI LEINONEN
Responsible Chemist

HEIKKI TIKKANEN
Specialist, MD

TIMO SEPPÄLÄ
Medical Director, MD
FINADA

PIRJO KROUVILA, *Secretary*
Director, International Affairs
and Development
FINADA

Working Group on Communications

MIRJA VIRTALA, *Chair*
Senior Advisor, Cultural Affairs
FINADA Board

ELINA HEINOLA
Communications Manager

ANITA MALKAMÄKI
Information Manager

ARI PIISPANEN
Education Manager

PETE SAARNIVAARA
Communications Consultant

ANNA SORAINEN
Communications Manager

KATJA HUOTARI
Education Manager
FINADA

SUSANNA SOKKA, *Secretary*
Information Manager
FINADA

Supervisory Group 2004–2005

Chair:

TAPIO KALLIO
Specialist in Sports Medicine and Orthopaedics, MD

Members:

EERO J. AARNIO
Counsellor of Legislation

HEIKKI LAAPIO
Colonel, MD

OUTI LAPATTO-REINILUOTO
Senior Physician, MD

Working Group on Education

MIRJA VIRTALA, *Chair*
Senior Advisor, Cultural Affairs
FINADA Board

KALERVO ILMANEN
Senior Assistant

PEKKA NIKULAINEN
Director of Education

MATTI VIRTANEN
Coaching and Education Director

TANJA KARI
Director of Youth Sport

TEEMU JAPISSON
Development Director

KATJA PELTOLA
PhD, MD

PIRJO KROUVILA
Director, International Affairs and Development
FINADA

KATJA HUOTARI, *Secretary*
Education Manager
FINADA

Office

JUHA VIERTOLA
Secretary General

PIRJO KROUVILA
Director, International Affairs and Development

TIMO SEPPÄLÄ
Medical Director, MD (part-time)

MARJORIT NURMI
Quality Coordinator
(on nursing leave from 5 July 2003 to 28 Oct 2004
on maternity leave starting 29 Oct 2004)

KATJA HUOTARI
Education Manager
(substitute for Nurmi's child-care leave
as of 18 November 2002)

SUSANNA SOKKA
Information Manager

TEUVO VALTANEN
Doping Control Manager

KARITA KAMMONEN
Doping Control Assistant
(temporary employment from 26 Sep 2003 to 29 Feb 2004)

ANNA SIMULA
Pharmacist, Testing Operations
(as of 3 May 2004)

MAARIT JUVONEN
Assistant

STATISTICS ON DOPING CONTROL 2004

	TESTS			WADA/INTERNATIONAL SPORTS FEDERATION/OTHERS			
		out-of- competition	in-competition	Total	out-of- competition	in-competition	Total
American football	71	39	32	71			
Shooting	22		21	21	1		1
Biathlon	38	28	10	38			
Rally	10		10	10			
Baseball	0						
Billiards	4		4	4			
Curling	6		6	6			
Darts	0						
Fitness	15	9	6	15			
Golf	7		7	7			
Nordic skiing	190	94	74	168	22		22
ITF-Taekwondo	2		2	2			
Aviation sports	3		3	3			
Soccer	125	45	80	125			
Archery	8		8	8			
Judo	30	15	15	30			
Ice Hockey	203	75	116	191		12	12
Bandy	12		12	12			
Canoeing	15	7	6	13	2		2
Karate	14	5	9	14			
Rinkball	12		12	12			
Bowling	9		9	9			
Climbing	3		3	3			
Basketball	79	34	40	74	5		5
Handball	20	5	15	20			
Volleyball	72	27	45	72			
Frisbee	0						
Snowboarding	7	6		6	1		1
Field hockey	4		4	4			
Goalball (Finnish Federation of the Visually Impaired)	2	2		2			
Fencing	15		11	11	4		4
Motor sport	27	1	26	27			
Powerboat racing	4		4	4			
Modern Pentathlon	2				2		2
Boxing	9	4	5	9			
Wrestling	29	21	8	29			
Weightlifting	58	20	37	57		1	1
Paralympic sports	9	9		9			
Finnish baseball	30	10	20	30			
Speed skating	18	13	5	18			
Kickboxing	2		2	2			
Sailing	4		4	4			
Cycling	28	7	17	24	4		4
Pétanque	0						
Table tennis	4		4	4			
Mini golf	0						
Riding	0						
Ringette	10	4	6	10			
Boot throwing	0						
Floorball	66	38	28	66			
Chess	0						
Military sports	0						
Rowing	19	6	13	19			
Squash	10	2	8	10			
Badminton	9	6	3	9			
Orienteering	63	27	27	54	9		9
Finnish Gymnastics Federation SVoLi	22	7	15	22			
Taekwondo	23	17	6	23			
Taïdo	2		2	2			
Figure skating	21	5	8	13		8	8
Dance	4		4	4			
Apparatus gymnastics	27	10	10	20	7		7
Tennis	8	1	7	8			
Finnish darts	0						
Triathlon	15	9	6	15			
Swimming	68	31	28	59	9		9
Sports diving	7	3	4	7			
Dogsled racing	0						
Veteran sports	4		4	4			
Weightlifting	143	79	64	143			
Athletics	203	123	65	188		15	15
Total	1946	844	1000	1844	66	36	102

SUMMARY

A total of 1,946 doping tests were performed in Finland during the period 1 January - 31 December 2004. The total number of tests completed by FINADA and the sports federations was 1,844. In addition, 102 tests were carried out in international competitions and outside competitions under the authority of FINADA.

The total of EPO tests completed was 108 (FINADA 66 and WADA/FIS 42) in the following sports: cross-country skiing 46, biathlon 15, swimming 13, Nordic combined 12, triathlon 6, cycling 4, basketball 3, orienteering 3, ski orienteering 2, modern pentathlon 2, flatwater sprint kayaking 1 and athletics 1.

	Sports federation	FINADA	international sports federation / WADA	Total tests
out-of-competition tests	–	844	66	910
in-competition tests	30	970	36	1,036
Total tests	30	1,814	102	1,946

Positive cases	8	Prohibited substance
American football	1	anabolic steroid
Volleyball	1	anabolic steroid
Weightlifting	3 (1 foreign)	anabolic steroid x 2, diuretic x 1
Powerlifting	3	anabolic steroid x 1, hcg x 1, testosterone x 1

PUBLICATIONS

FINADA's own publications (in Finnish):

HUOTARI K., SAARILAHTI L., SOKKA S., (TOIM.):
Puhtaasti huipulle – Valmentajan antidopingopas
SEPPÄLÄ T., SIMULA A., SOKKA S., VIERTOLA J.,
VALTANEN T. (TOIM.): Kielletyt lääkkeaineet ja
menetelmät urheilussa 2005.

SOKKA S., SAARILAHTI L., HUOTARI K. (TOIM.):
Puhtaasti eteenpäin – Nuoren urheilijan antidoping-
opas, korjattu 3. painos
Suomen Antidopingtoimikunta ADT ry:
Suomen Antidopingsäännöstö
Suomen Antidopingtoimikunta ADT ry:
Seuran Antidopingkäsikirjan

FINADA's brochures (in Finnish unless otherwise noted):

Bäst med rent spel (in Swedish)
Clean win (in English)
Kielletyt lääkkeaineet ja menetelmät urheilussa
Puhtaasti Paras

Scientific articles:

KARILA T., HOVATTA O., SEPPÄLÄ T.: Concomitant
abuse of anabolic androgenic steroids and human
chorion gonadotropin impairs spermatogenesis in
power athletes. *Int J Sports Med* (2004) 25: 257-263.

KURLING S., KANKAANPÄÄ A., ELLERMAA S., SEP-
PÄLÄ T. (2004) Effects of nandrolone on blood count
and brain monoamine concentrations in the rat. In:
Proceedings of the 6th Annual Scientific Meeting of
the International Society of Addiction Medicine
ISAM 2004, p 40.

Other publications (in Finnish):

SEPPÄLÄ T., SINISALO N., KARILA T.: Urheiluval-
misteiden hyötyä on vaikea osoittaa. *Kansanterveys*
4/2004, 12-13

SEPPÄLÄ T.: Doping. From the book *Pharmaca*
Fennica 2005/ I, ed. KETTUNEN K et al., Lääke-
tietokeskus Oy, Helsinki 2004, pp. 580-583

FINADA'S ARRANGED TRAINING

Date: day/month	Arranger, group	participants
12.1.	Mäkelänrinne Secondary School (specialised in sport), young athletes	20
17.1.	Football Association of Finland, 1st division clubs	25
18.1.	Football Association of Finland, National Championship league, women's clubs	25
19.1.	URHEA (Helsinki Sports Academy)	130
23.1.	Military Sports Association, athletes	30
27.1.	Finnish Coaches' Association, coaches	100
5.2.	Solvalla Sports Institute, students	40
7-9.2.	FINADA Tester Days, doping testers	45
20.2.	Finnish Powerlifting Federation, organisational management	20
8.3.	Salpausselkä Secondary School (specialised in sport), young athletes	50
11.3.	Mäkelänrinne Secondary School, young athletes	25
12.3.	Finnish Tennis Association, coaches	10
12.3.	Finnish Association of Sports Physicians, physicians	100
13.3.	Finnish Tennis Association, young athletes	24
15.3.	University of Turku, pharmacology students	100
19.3.	Finnish Tennis Association, young athletes	8
14.4.	Värä gymnasiet, young athletes	40
17.4.	Finlands Svenska Idrott, athletes & coaches	200
18.4.	Finnish Figure Skating Association, club parliament	40
21.4.	Finnish Floorball Federation, athletes	40
27.4.	Aurajoki Secondary School (specialised in sport), young athletes	80
29.4.	Finnish Taekwondo Federation, athletes & coaches	2
3.5.	Prosecuting authorities	50
10.5.	Mäkelänrinne Secondary School (specialised in sport)	20
13.5.	Finnish Olympic Committee, young athletes	35
15.-16.5.	FINADA Instructor Days	22
16.5.	Finnish Badminton Association, young athletes	25
16.5.	Finnish Badminton Association, athletes	40
19.5.	Finnish Ski Association, young athletes	60
21.5.	Finnish Tennis Association, Finnish Badminton Association and Finnish Squash Association, coaches	19
22.5.	Finnish Sports Federation, athletes	100
22.5.	Finnish Powerlifting Federation, young athletes	10
22.5.	Equestrian Federation of Finland: SW Finland division, athletes & coaches	25
6.6.	Finnish Dance Sport Association, instructors	11
5.6.	Finnish Floorball Federation, league meeting	20
6.6.	Finnish Floorball Federation, league meeting	20
12.6.	Finnish Gymnastics Federation, athletes	40
15.6.	Finnish Floorball Federation, staff	30
4.8.	Finnish Ski Association, young athletes	37
5.8.	Finnish Gymnastics Federation, coaches	14
7.8.	Finnish Floorball Federation, coaches	16
12.8.	Voionmaa Secondary School (specialised in sport), young athletes	150
12.8.	British Council, public lecture	30
21.8.	Finnish Dance Sport Association, athletes	38
21.8.	Finnish Dance Sport Association, young athletes	20
21.8.	Finnish Paralympic Committee, athletes	70
21.8.	Finnish Powerlifting Federation, athletes	20
23.8.	Finnish Floorball Federation, athletes	31
27.8.	Vocational Examination in Physical Education, students	9
28.8.	Liikkukaa! ry Association, athletes & coaches	20
3.9.	Mäkelänrinne Secondary School (specialised in sport), young athletes	28
4.9.	Finnish Ringette Association, athletes	50
4.9.	Finnish Ringette Association, National Championships officials	25
4.9.	Finnish Ringette Association, athletes	55
10.9.	Finnish Gymnastics Federation, athletes	40
11.9.	Seminar on sports law	40
14.9.	Urheiluoikeuden yhdistys (Finnish Association of Sports Law)	20
14.9.	Ounasvaara Secondary School (specialised in sport), young athletes	32
15.9.	Kunto ry Association press conference, media	20
16.9.	Finnish Ski Association, young athletes	35
17.9.	Gym Management Seminar, gym entrepreneurs	30
19.9.	Kunto ry Association seminar	30
18.9.	Finnish Volleyball Association, coaches	25
18.9.	Finnish Volleyball Association, coaches	20
20.9.	Defence Forces Sports School, athletes	50
22.10.	Sports Physician Day, physicians	40
24.9.	Finnish Paralympic Committee, athletes	12
24.9.	Finnish Triathlon Association, coaches	9
24.9.	Finnish Floorball Federation, 1st division clubs	30
27.9.	University of Jyväskylä, students of physical education	70

27.9.	Kuortane Sports Institute, students	40
7.10.	Finnish Ski Association, young athletes	25
14.10.	Rotary Club	30
14.10.	Mäkelänrinne Secondary School (specialised in sport), young athletes	30
15.10.	Defence Forces Sports School, athletes	60
16.10.	Finnish Sports Federation, young athletes	160
19.10.	Kuninkaanhaka Secondary School, young athletes	19
21.10.	Vocational Examination in Physical Education, basic level students	20
21.10.	Kymenlaakson Liikunta (Kymenlaakso Sport), coaches & athletes	12
23.10.	Finnish Sports Federation, young athletes	138
23.10.	Finnish Sports Federation, young athletes	100
23.10.	Equestrian Federation of Finland: carriage driving division, athletes and coaches	20
26.10.	Sports Federation info	40
28.10.	Finnish Olympic Committee, young athletes	40
29.10.	Meeting of sports lawyers	120
30.10.	Finnish Ski Association, members of association	50
30.10.	Finnish Sports Federation, young athletes	60
30.10.	Finnish Sports Federation, young athletes	70
30.10.	Finnish Sports Federation, young athletes	130
6.11.	Finnish Sports Federation, Medical Committee	10
7.11.	Football Association of Finland, coaches	30
12.11.	Keski-Suomen ensihoitajaliitto (Finnish Emergency Nurses Association / Central Finland) Conference	70
13.11.	Finnish Speed Skating Association, athletes & coaches	30
13.11.	Finnish Sports Federation, young athletes	50
17.11.	TeliaSonera, young athletes	10
18.11.	Hyvinkää Secondary Schools, young athletes	90
19.11.	Finnish Weightlifting Union, young athletes and coaches	9
20.–21.11.	FINADA Instructor Days	20
25.11.	Pajulahti Sports Centre, Special Vocational Examination in Coaching	20
9.12.	Finnish Orienteering Federation: those responsible for training in clubs; coaches & athletes	8
10.12.	Finnish Orienteering Federation: those responsible for training in clubs; coaches & athletes	20
16.12.	Finnish Orienteering Federation: those responsible for training clubs; coaches & athletes	

EVENTS IN 2004

- Kalevan Kisat – National AAA Championships (Finnish Sports Federation)
- Swimming competitions & events (Finnish Swimming Association)
 - youth swimming championships girls 16 and boys 18
 - summer youth swimming meets
 - open coaching seminar
- Finnish Gymnastics Federation Coaching Seminar (SVoLi)
- Hiihto Suomi – Ski Finland (Finnish Ski Association)
- National Championships in Gymnastics (Finnish Gymnastics Federation)
- Finnish Floorball Federation: Girls' World Championships (Finnish Floorball Federation)
- Five camps for young athletes (Finnish Sports Federation)
- Junior Grand Prix (Finnish Figure Skating Association)

FINADA'S INTERNATIONAL REPRESENTATION

World Anti-Doping Agency (WADA)

Ethics and Education Committee Pirjo Krouvila
 Independent Observers: Management Group Pirjo Krouvila

United Nations Educational, Scientific and Cultural Organization (UNESCO)

Working group preparing antidoping agreement Juha Viertola

Council of Europe

Monitoring group of the Council of Europe
 Antidoping Convention Pirjo Krouvila
 Juha Viertola

WADA Coordination Forum

Education Committee Juha Viertola
 Specialist group on legal issues Pirjo Krouvila
 Juha Viertola
 Evaluation of antidoping systems in Sweden and the Netherlands Pirjo Krouvila

Association of National Anti-Doping Organisations (ANADO)

General assemblies Juha Viertola
 Board Pirjo Krouvila

International Anti-Doping Arrangement (IADA)

Executive Committee Pirjo Krouvila

Nordic cooperation

Pirjo Krouvila
 Juha Viertola
 Katja Huotari
 Language instruction by State of France to sports officials Pirjo Krouvila