

Brochure

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Edited by Alexis Tsoukias, Philippe Van Asbroeck and
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What is Operational Research?

Though there is no "official definition" of Operational Research ("Operations Research" in the US), it can be described as a scientific approach to the solution of problems in the management of complex systems. In a rapidly changing environment an understanding is sought which will facilitate the choice and the implementation of more effective solutions which, typically, may involve complex interactions among people, materials and money.

Operational Research has been used intensively in business, industry and government. Many new analytical methods have evolved, such as: mathematical programming, simulation, game theory, queuing theory, network analysis, decision analysis, multicriteria analysis, etc., which have powerful application to practical problems with the appropriate logical structure.

Operational Research in practice is a team effort, requiring close cooperation among the decision-makers, the skilled OR analyst and the people who will be affected by the management action.

The ORS of United Kingdom, the world's oldest established society catering for the needs of the OR profession considers that Operational Research looks at an organisation's operations - the functions it exists to perform. The objective of Operational Researchers is to work with clients to find practical and pragmatic solutions to operational or strategic problems, often working within tight timing constraints. Once a good or better way of proceeding has been identified, Operational Researchers can also be central to the management of implementing the proposed changes.

Organisations may seek a very wide range of operational improvements - for example, greater efficiency, better customer service, higher quality or lower cost. Whatever the business engineering aim, OR can offer the flexibility and adaptability to provide objective help.

Most of the problems OR tackles are messy and complex, often entailing considerable uncertainty. OR can use advanced quantitative methods, modelling, problem structuring, simulation and other analytical techniques to examine assumptions, facilitate an in-depth understanding and decide on practical action.

What is EURO?

EURO is the "Association of European Operational Research Societies" within IFORS, the "International Federation of Operational Research Societies". It is a "non profit" association defined by the herewith appended statutes. Its affairs are regulated by a Council consisting of representatives/alternates of all its members and an Executive Committee, which constitutes its board of directors. Its aim is to promote Operational Research throughout Europe.

The members of EURO are normally full members of IFORS and comprise the national OR societies of

countries located within or nearby (in a broad sense) Europe. Each member is represented in the EURO Council by two representatives, one of whom votes, if required. Council meetings are held annually, normally in conjunction with the EURO-k conferences.

The Council elects a President, a President-Elect, two Vice-Presidents, a Secretary, and a Treasurer. These six EURO officers form the Executive Committee. The President-Elect serves for only one year whereas all others are elected for two years. Since 1993 the Executive Committee is assisted by a Permanent Secretariat.

What is IFORS?

IFORS, the International Federation of Operational Research Societies is an umbrella organisation for 45 national societies, involving about 30.000 individual members, plus several kindred societies:

AGIFORS, the Airline Group of IFORS (500 members), the Committee on Operations Research Hungary (20 members), the Fellowship for Operational Research, U.K. (100 members), the Mathematical Programming Society (800 members) and the Resource Modeling Association (100 members).

The national societies are grouped into four regional groupings: EURO (Europe), ALIO (Latin America), APORS (Asia Pacific region) and NORAM (North America).

IFORS celebrated in 1999 its 40th anniversary, with a celebration carried out in Beijing during the 15th Triennial IFORS Conference.

IFORS main objectives are to promote the development of Operational Research worldwide, both in methodology and practice, and to link the different member societies and regional groupings.

IFORS is run by the Representatives of each member country, who decide on basic issues confronting IFORS and its Administrative Committee, which is responsible for the execution of activities and making proposals to the Representatives.

The Administrative Committee is elected for periods of 3 years, and is composed of a President, a Vice President at large, four regional Vice Presidents, representing each region, a Treasurer, elected for a 3 year term, renewable 2 times, responsible for handling all financial matters, and a Secretary who is responsible for all administrative and logistic matters and whose location corresponds to the headquarters of IFORS.

The Administrative Committee for the period 2001-2003 is the following:

- President, Paolo Toth, Italy
- Vice-President at large, Elise del Rosario, Philippines
- Vice-President, ALIO Sergio Marturana, Chile
- Vice-President, APORS Moshe Sniedovich, Australia

- Vice-President, EURO, Yannis Siskos
- Vice-President, NORAM, Michel Gendreau, Canada
- Coordinator for Publications, Graham Rand, UK
- Treasurer, Hugh Bradley, USA
- Secretary, Mary Magrogan, USA
- Past President, Andres Weintraub, Chile

IFORS Activities

To carry out its declared objectives, IFORS has developed a series of activities in different areas of interest to researchers, practitioners and teachers, which are presented in the next articles.

IFORS publishes 2 journals:

The International Abstracts in Operations Research (IAOR), edited by David Smith, which has a long tradition in collecting information on what is published worldwide in the area of Operations Research and the International Transactions in Operation Research (ITOR), edited by Cathal Bruga, which carries methodological and applied articles with an important international outlook, with articles from very diverse countries, which reflect the IFORS membership.

The IFORS Bulletin was initiated by Prof. Heiner Müller-Merbach in 1976. The IFORS Secretary, then Helle R. Welling, took over the editorship in 1979 and the first issue saw the light in February of that year, and since then the Bulletin has been distributed to all member societies and to OR interested persons. Helle Welling was responsible for the Newsletters for two decades and devel-

oped into a traditional and useful means of transmitting information on what is going on in the OR world, in particular to smaller societies. The Bulletin is a non-scientific publication. The Bulletin carries information on IFORS and OR activities/initiatives worldwide. But its main role is, probably, to establish a link among the various member societies. In the Bulletin the IFORS member societies and OR people can publish everything that is going on in their respective society. Such information reaches out to all their colleagues on other OR Societies, and to a great number of lone OR workers spread all over the Globe.

The present IFORS Secretary, Mrs. Mary Magrogan, is now the editor of the Bulletin. If you wish to have YOUR information published in the Bulletin, please contact Mary Magrogan: secretary@ifors.org.

The OR For Developing Countries Newsletter is intended for academics and practitioners in developing countries (DC), and those interested in aspects relevant to them. It has been published with interruptions for about 10 years, by Roberto Galvao from Brasil and Nitin Patel from India.

The Newsletter is presently edited by Arabinda Tripathy from India, and is being published regularly. It carries information on specific activities related to DC, as well as articles on this area. Readers, wishing to know more about the activities in the area of OR FOR DEVELOPING COUNTRIES, may contact:

Elise A. del Rosario: e.delrosario@pacific.net.ph
 Arabinda Tripathy: tripathy@iimahd.ernet.in
 IFORS Secretariat at: secretary@ifors.org

Short history of EURO

Back in the sixties, the main activity of IFORS was the organization of triennial international conferences addressing the world community of operational researchers.

At that time, there was in Europe an increasing awareness of numerous ongoing OR activities on one side and, on the other, rather weak means for promoting communication and cooperation among European operational researchers. Some national societies did (and do still) cooperate on an ad hoc basis but not to an extent to satisfy the general need for 'something' between IFORS and the national societies.

In conjunction with the 6th IFORS-Conference (Dublin, 1972), the participating presidents of European OR societies discussed the situation and agreed to seek it improved. Invited by H-J Zimmermann, President of the German OR Society, representatives of eleven European OR societies met in Düsseldorf on 3 September 1973 and decided to institutionalise better ways of cooperation within the framework of IFORS.

In a more extensive meeting of representatives of European OR societies, held in Amsterdam on 3-4 May 1974, two major decisions were made:

1. The representatives agreed that it would be advisable to formalize and institutionalise increased European cooperation. To this end a possible agreement between the European OR societies was drafted and it was the general consensus that such an agreement could be signed by the societies in the near future.
2. It was furthermore agreed to assemble operational researchers from all Western European countries within the framework of the First European Conference on Operational Research.

The Belgian OR Society accepted the invitation to host this meeting and the OR societies of Denmark, Germany, United Kingdom, Norway, The Netherlands and Sweden agreed to finance the preparation by offering loans as a supplement to funds already raised for that purpose by the Belgian Society. IFORS also offered to provide a loan if necessary. The meeting was scheduled for January 1975 in Brussels, Belgium.

Normally 9 months would have been totally insufficient to prepare for an international conference addressing the entire OR community in Europe. The enthusiasm and involvement of all those who participated in the preparatory work compensated for lack of time. Thus the First European Conference on Operational Research (EURO I), was opened on the morning of 27 January 1975 at the Sheraton Hotel in Brussels. The meeting which managed to assemble no less than 506 participants was a remarkable success. Also the main objective, to institutionalise closer cooperation among the European operational researchers, was fully achieved: nine European OR societies gave birth to EURO, The Association of European Operational Research Societies within IFORS, by signing an agreement in which the signatories resolved:

1. To grant to any fully paid-up member of any signatory body all rights and privileges, which were offered by them to their own members.
2. To exchange all appropriate information, inform other signatories of existing working groups and the dates and locations of the meetings and open such working groups to individual members of other signatories.
3. To organize European Conferences on Operational Research and European Working Groups.
4. To encourage the formation of Operational Research Societies in other European countries and to give such new bodies any possible help they might require.

On 8 March 1976, in a circular letter to all European OR societies, the Honorary Secretary could proudly announce: 'I hereby declare that EURO, The Association of European Operational Research Societies within IFORS, is now formally constituted with effect from 5 March 1976 and the draft statutes circulated on 29 June 1975 are effective'.

Considerable progress has been made since then, as is evidenced by the subsequent pages of this Website. However, there is a continuous need for enthusiastic and dedicated people to enable EURO to maintain its present instruments and to carry out a wider range of activities in support of its objectives.

The member societies of EURO

The members of EURO are normally full members of IFORS and comprise the national OR societies of countries located within or nearby Europe. Each member is represented in the EURO Council by a representative and an alternate, one whom votes, if required. Council meetings are held annually, normally in conjunction with the Euro-k Conferences.

EURO has presently 28 members:

Austria
Belarus
Belgium
Bulgaria
Croatia
Czech Republic
Denmark
Finland
France
Germany
Greece
Hungary

Iceland
Ireland
Israel
Italy
Netherlands
Norway
Poland
Portugal
Slovakia
South Africa
Spain
Sweden
Switzerland
Turkey
United Kingdom
Yugoslavia

The member societies of EURO represent in total well above 10.000 individual members. Since Israel and South Africa have joined The Association, the term "Europe" is to be understood in a "broad" sense.

What is EURO doing?

All countries in the world having a National Society of OR are federated in IFORS and grouped in 4 geographical sectors: North America, South-America, Europe and Asia.

EURO is a federation of 28 societies representing more than 10.000 researchers. It exists since 1975 and organizes the following activities:

- One European conference each year
- Summer Schools for young researchers (ESWI and ORP3)

- Working groups on particular themes (about 20 which are in fact European networks)
- Thematic conferences
- Awards to prominent scientists
- Grants to young researchers
- Diffusion of a bulletin
- Edition of the European Journal of OR (main scientific journal on OR in Europe)

Who does what in the EURO Executive Committee?

The EURO Council elects a President, a President-Elect, two Vice-Presidents, a Secretary and a Treasurer. These six EURO officers form the Executive Committee. The President-Elect serves for only one year whereas all others are elected for two years.

The President has responsibility for all activities of EURO. He/she is assisted in his/her task by the Immediate Past President and the President Elect.

The Vice-President 1 assists the President and support him/her in the development of new activities. He/she has particular responsibility for:

- the organization of EURO-k Conferences,
- the organization of EURO Summer and Winter Institutes.

The Vice-President 2 assists the President and support him/her in the development of new activities. He/she has particular responsibility for:

- the organization of EURO Working Groups,
- the organization of Mini EURO Conferences.

The Secretary ensures the administrative functioning of the association, of the Council and the Executive Committee. He/she deals with request to EURO from outside. He/she is responsible for the General Support funds. He/she is assisted by the Permanent Secretariat.

The Treasurer is responsible for paying expenses, preparing budgets, monitoring income receipts, and managing assets.

The Executive Committee is responsible to the EURO Council. It is assisted by the "EURO vice-president of IFORS" who is responsible of the links between EURO and IFORS.

The Executive Committee presently consists of the following members:

President

Prof. Philippe Vincke
 Université Libre de Bruxelles
 Service de mathématiques de la gestion
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President Elect

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Vice President 1

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Vice President 2

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 URL: <http://www.opt.math.tu-graz.ac.at/burkard>

Secretary

Prof. Alexis Tsoukias
 Université Paris Dauphine
 LAMSADE-CNRS
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 Tel.: +33 1 440 54 401
 Fax: +33 1 440 54 091
 E-mail: Secretary@euro-online.org
 URL: <http://www.lamsade.dauphine.fr/~tsoukias>

Treasurer

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 Fax: +41 26 3009 726
 E-mail: Treasurer@euro-online.org

The Executive Committee is assisted by:

EURO Vice President of IFORS

Prof. Yannis Siskos
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 Fax: +30 1 4142264
 E-mail: siskos@aias.gr

Permanent Secretariat

Ir. Philippe Van Asbroeck
 Clotilde Van Dieren
 EURO Office
 Université Libre de Bruxelles
 Service de mathématiques de la gestion
 Bld. du Triomphe CP210/01
 BE - 1050 Brussels - Belgium
 Tel.: +32 2 650 56 74
 Fax: +32 2 650 59 70
 E-mail: office@euro-online.org
 URL: <http://www.euro-online.org>

The previous members of the Executive Committee are indicated hereafter (it is understood that the immediate Past-President attends the Executive Committee for one year). Without their benevolent active involvement in EURO, the Association could not have survived.

Year: 2001

President: Ph. Vincke (B)
 Past President: Ch. Schneeweiss (D)
 Vice-President 1: Z. Sinuany-Stern (IL)
 Vice-President 2: E. Burkard (AT)
 Secretary: A. Tsoukias (F)
 Treasurer: M. Widmer (CH)

Year: 2000

President: Ch. Schneeweiss (D)
 President Elect: Ph. Vincke (B)
 Vice-President 1: Z. Sinuany-Stern (IL)
 Vice-President 2: R. Bisdorff (L)
 Secretary: A. Tsoukias (F)
 Treasurer: Ph. Solot (CH)

Year: 1999

President: Ch. Schneeweiss (D)
 Past President: J. Weglarz (PL)
 Vice-President 1: V. Belton (UK)
 Vice-President 2: R. Bisdorff (L)
 Secretary: A. Tsoukias (F)
 Treasurer: Ph. Solot (CH)

Year: 1998

President: J. Weglarz (PL)
 President Elect: Ch. Schneeweiss (D)
 Vice-President 1: V. Belton (UK)
 Vice-President 2: R. Bisdorff (L)
 Secretary: D. Bouyssou (F)
 Treasurer: M. Widmer (CH)

Year: 1997

President: J. Weglarz (PL)
 Past President: P. Toth
 Vice-President 1: V. Belton (UK)
 Vice-President 2: T. Kinnunen (FI)
 Secretary: D. Bouyssou (F)
 Treasurer: M. Widmer (CH)

Year: 1996

President: P. Toth (I)
 President Elect: J. Weglarz (PL)
 Vice-President 1: V. Belton (UK)
 Vice-President 2: T. Kinnunen (FI)
 Secretary: D. Bouyssou (F)
 Treasurer: M. Widmer (CH)

Year: 1995

President: P. Toth (I)
 Past President: M. Shutler (GB)
 Vice-President 1: C. Pappis (GR)

Vice-President 2: T. Kinnunen (FI)
 Secretary: D. Bouyssou (F)
 Treasurer: M. Widmer (CH)

Year: 1994

President: M. F. Shutler (GB)
 President Elect: P. Toth (I)
 Vice-President 1: C. Pappis (GR)
 Vice-President 2: T. Kinnunen (FI)
 Secretary: C. Roucairol (F)
 Treasurer: J. Bovet (CH)

Year: 1993

President: M. F. Shutler (GB)
 Past President: J. Spronk (NL)
 Vice-President 1: C. Pappis (GR)
 Vice-President 2: T. Kinnunen (FI)
 Secretary: C. Roucairol (F)
 Treasurer: J. Bovet (CH)

Year: 1992

President: J. Spronk (NL)
 President Elect: M. F. Shutler (GB)
 Vice-President: I. Themido (P)
 Secretary: C. Roucairol (F)
 Treasurer: J. Bovet (CH)

Year: 1991

President: J. Spronk (NL)
 Past President: J. Krarup (DK)
 Vice-President: I. Themido (P)
 Secretary: C. Roucairol (F)
 Treasurer: J. Bovet (CH)

Year: 1990

President: J. Krarup (DK)
 President Elect: J. Spronk (NL)
 Vice-President: I. Themido (P)
 Secretary: P. Toth (I)
 Treasurer: E. A. Field (GB)

Year: 1989

President: J. Krarup (DK)
 Past President: D. de Werra (CH)
 Vice-President: I. Themido (P)
 Secretary: P. Toth (I)
 Treasurer: E. A. Field (GB)

Year: 1988

President: D. de Werra (CH)
 President Elect: J. Krarup (DK)
 Vice-President: C. Schneeweiss (D)

Secretary: P. Toth (I)
 Treasurer: E. A. Field (GB)

Year: 1987

President: D. de Werra (CH)
 Past President: B. Roy (F)
 Vice-President: C. Schneeweiss (D)
 Secretary: P. Toth (I)
 Treasurer: E. A. Field (GB)

Year: 1986

President: B. Roy (F)
 President Elect: D. de Werra (CH)
 Vice-President: C. Schneeweiss (D)
 Secretary: D. Xerocostas (GR)
 Treasurer: E. A. Field (GB)

Year: 1985

President: B. Roy (F)
 Past President: J. P. Brans (B)
 Vice-President: C. Schneeweiss (D)
 Secretary: D. Xerocostas (GR)
 Treasurer: E. A. Field (GB)

Year: 1984

President: J. P. Brans (B)
 President Elect: B. Roy (F)
 Vice-President: J. Krarup (DK)
 Secretary: D. Xerocostas (GR)
 Treasurer: J. Pasquier (CH)

Year: 1983

President: J. P. Brans (B)
 Past President: R. Tomlinson (GB)
 Vice-President: J. Krarup (DK)
 Secretary: D. Xerocostas (GR)
 Treasurer: J. Pasquier (CH)

Year: 1982

President: R. Tomlinson (GB)
 Vice-President: J. Krarup (DK)
 President Elect: J. P. Brans (B)
 Secretary: E. Jaquet-Lagrèze (F)
 Treasurer: J. P. Brans (B)

Year: 1981

President: R. Tomlinson (GB)
 Past President: B. Rapp (S)
 Vice-President: J. Krarup (DK)
 Secretary: E. Jaquet-Lagrèze (F)
 Treasurer: J. P. Brans (B)

Year: 1980

President: B. Rapp (S)
 President Elect: R. Tomlinson (GB)
 Vice-President: G. Kreweras (F)
 Secretary: R. T. Eddison (GB)
 Treasurer: J. P. Brans (B)

Year: 1979

President: B. Rapp (S)
 Past President: H. J. Zimmermann (D)
 Vice-President: G. Kreweras (F)
 Secretary: R. T. Eddison (GB)
 Treasurer: J. P. Brans (B)

Year: 1978

President: H. J. Zimmermann (D)
 Vice-President: G. Kreweras (F)
 Secretary: R. T. Eddison (GB)
 Treasurer: J. P. Brans (B)

Year: 1977

President: H. J. Zimmermann (D)
 Vice-President: G. Kreweras (F)
 Secretary: R. T. Eddison (GB)
 Treasurer: J. P. Brans (B)

Year: 1976

President: H. J. Zimmermann (D)
 Vice-President: G. Kreweras (F)
 Secretary: R. T. Eddison (GB)
 Treasurer: J. P. Brans (B)

Year: 1975

President: H. J. Zimmermann (D)
 Vice-President: G. Kreweras (F)
 Secretary: R. T. Eddison (GB)
 Treasurer: J. P. Brans (B)

Cooperation with Other Bodies

IFORS

As one of the regional groupings of IFORS, EURO actively participates in the activities of IFORS. Since 1987, EURO appoints a "EURO Vice-President of IFORS" for a three-year period. This position was successively held by Jean-Pierre Brans (1989-1991), Jacob Krarup (1992-1994), Rainer Burkard (1995-1997), Dominique de Werra (1998-2000), Yannis Siskos (2001-2003). The EURO Vice-President of IFORS reports each year to the EURO Council.

ALIO

ALIO (Asociacion Latino-Ibero-Americana de Investigacion Operativa) is one of the four regional groupings of IFORS. An ALIO-EURO Workshop on Practical Combinatorial Optimisation was organized in Rio de Janeiro in 1989, by R.D. Galvão (Brazil) and S.K. Jacobsen (DK). A feature issue of EJOR has appeared in EJOR, Vol. 58, 2 (1992). Another ALIO-EURO Workshop on Practical Combinatorial Optimisation was organised by N. Maculan, F. Maffioli, F. Malucelli, P. Toth and A. Weintraub at Erice (Sicily, Italy), 2-7 November 1999. Proposals for similar ventures are hereby invited.

INFORMS

Since 1982 (with at the time TIMS), EURO organises in co-operation with INFORMS the joint EURO-INFORMS conferences. These belong to the regular serie of EURO-k conferences. The last EURO-INFORMS conference took place in Barcelona in 1997, and the next one is foreseen in Istanbul in 2003. Besides that common activity EURO organised the diffusion among its member societies of OR-MS today, the bi-monthly information journal of INFORMS.

Sponsorships

EURO is from time to time invited to sponsor various meetings. Such sponsorships do not include any financial commitments but should be viewed merely as moral support.

General Support

The purpose of the "General Support funds" is to support any activity related to EURO that cannot be covered by other instruments of EURO. However, the General Support fund should not be used as a support to regular activities of the member societies (such as national meetings and conferences).

Priority will always be given to:

- bids that give special consideration to the need of students (e.g. organiser of an event related to EURO willing to subsidise the participation of students),
- bids that give special consideration to the need of organisers of OR events in Central and Eastern Europe,
- bids that emanate from a member society of EURO or organisers of EURO sponsored events or organisers of events sponsored by a member society of EURO.

The bids are kept informal. They should however always contain a description of the project and a budget. They should mention the support that has been obtained or solicited from other sources. Although bids emanating from individuals (e.g. students willing to attend a Conference closely related to EURO) are, in principle, acceptable they will be given a very low priority. They are approved only in exceptional cases.

Organisers of events receiving General Support funds from EURO are required:

- to publicise the support of EURO in the documents of the Conference,
- to produce a report on the use of the funds no later than 3 months after the event,
- to accompany their report by all original receipts.

Bids for "EURO General Support funds" are examined twice a year on a competitive basis.

The Africa Project

Scope

Since a long time we assist to a contradiction between an increasing number of OR researchers originating from African countries and there operating (as teachers, researchers, practitioners) and the absence of any organised form of presence of OR in the African continent (with the positive exception of the South African OR Society, member of EURO, with an excellent record of activities).

The aim of EURO is to help the dispersed OR researches in Africa to organise themselves, enable them to promote OR in their countries and in Africa, definitely to help the "Africa renaissance" through the development of independent scientific societies.

The project

EURO decided to allocate on a three years term the exceptional grant of 40 to 70.000 EUR to support the creation of permanent representations of the OR people all over Africa.

The grant is intended to be distributed on a competitive basis, among different projects fitting the project scope.

Projects that can be funded by this grant include, but are not limited to the organisation of OR conferences, workshops, seminars, meetings and exchanges, OR promotion material, educational support material, OR publications, provided that is clearly shaped the process of creating a national or trans-national OR organisation of scientific nature.

Who is eligible

Any individual, group of individuals, public or private body who can qualify to operate in the area of OR and has its permanent centre of activity in any country of Africa can apply. The largest the promoting group and the involved people the higher the priority allocated to the project. Practical feasibility of the project will also be considered. In all cases the EURO funding cannot cover the totality of the expenses of the project.

Administration

The grant is administrated by the Secretary of EURO.

Applications are open all over the year, but decisions are taken every beginning of the year, in the January meeting of the executive committee of EURO, by the EC itself.

The EURO secretary maintains the contacts with the successful applicants and supervises the administration of the allocated contributions.

The EURO secretary co-operates with the IFORS vice-president responsible for the developing countries for the evaluation of the proposals.

The EURO secretary reports annually to the Council on the administration of the grant.

After three years an extended and analytic report is discussed by the Council in order to decide the following of the project.

A three years operational budget between 7.000 and 10.000 EUR is allocated to the EURO secretary for the administration of the project.

EURO Summer and Winter Institutes

The series of EURO Summer and Winter Institutes (ESWIs) was launched in 1984 at the initiative of J.P. Brans. Scarcely any other EURO instrument has had such impact upon future generations of OR people. Each ESWI, organized by a national society, focuses upon a particular subject.

The basic idea is that around 20 young (approximately between 25 and 35 years of age) researchers all having an unpublished paper within the theme announced, can meet for about two weeks, present their material, discuss it with others and with a handful of specially invited senior experts in the field, and finally prepare a paper to be considered for inclusion in a feature issue of EJOR. Three ESWIs may be approved in any two year.

Disregarding the senior experts, no one else can participate more than once in his or her lifetime. Participation in an ESWI should be regarded as a considerable honour. In other words, the main objective of an ESWI is to give a limited number of carefully selected representatives of the next generation a unique opportunity for establishing a personal network and for addressing an international audience and thus to create new research groups around the topic chosen.

EURO regularly solicits proposals from the national societies to host an ESWI. Proposals are then reviewed by the EURO Council. If approved, EURO provides a substantial contribution towards all expenses (room and board, social programme, etc.) "on location"; the rest is supposed to be provided by the host society itself or by gifts solicited by the host society. The travel costs, however, must be covered by the participants themselves unless support can be obtained, for example from their national societies. Guidelines for the organization of ESWI are available upon request from the Secretary of EURO.

Each ESWI is announced in the EURO Bulletin and the EURO Web Site, OR/MS TODAY and similar newsletters or journals. Applications are channelled to EURO via the national societies and the final selection of participants is made by the Scientific Committee on the basis of submitted papers.

The ESWI held to date are listed hereafter, some have led to the publication of a feature issue of EJOR.

Year: 2001

Name: ESI XIX

Date: September 2001

Location: Toulouse

Country: France

Theme: Decision Analysis and Artificial Intelligence

Organizers: P. Perny (F), A. Tsoukias (F)

Year: 2000

Name: EWI XVIII

Date: March 2000

Location: Lac Noir

Country: Switzerland

Theme: Metaheuristic and combinatorial optimization

Organizer: M. Widmer

Year: 1999

Name: EWI XVII

Date: March 1999

Location: Ilonantsi

Country: Finland

Theme: Protection and exploitation of renewable resources

Organizer: T. Kinnunen

Year: 1998

Name: ESI XVI

Date: August 1998

Location: Warwick University

Country: U.K.

Theme: Performance measurement (DEA)

Organizer: C. S. Sarrico

Year: 1997

Name: ESI XV

Date: September 1997

Location: Aosta valley

Country: Italy

Theme: Production Scheduling, Deterministic, Stochastic and Fuzzy Approaches

Organiser(s): R. Tadei (I)

Year: 1996

Name: ESI XIV
 Date: June 1996
 Location: Piraeus
 Country: Greece
 Theme: Environmental Planning
 Organiser(s): C. Pappis (G)

Year: 1996

Name: ESI XIII
 Date: January 1996
 Location: Semmering
 Country: Austria
 Theme: Stochastic Optimization
 Organiser(s): G. Pflug (Aus.)

Year: 1995

Name: ESI XII
 Date: June 1995
 Location: Canary Islands
 Country: Spain
 Theme: Location Analysis
 Organiser(s): J. Barcelo, J. Moreno (SP)

Year: 1995

Name: ESI XI
 Date: April 1995
 Location: Salford
 Country: UK
 Theme: Maintenance, Replacement and Reliability Modelling
 Organiser(s): A. H. Christer (UK)

Year: 1994

Name: ESI X
 Date: July 1994
 Location: Jouy-en-Josas
 Country: France
 Theme: Combinatorial Optimization
 Organiser(s): C. Roucairol, H. Thiriez (F)

Year: 1993

Name: ESI IX
 Date: July 1993
 Location: Mannheim
 Country: Germany
 Theme: Hierarchical Planning
 Organiser(s): C. Schneeweiss (D)

Year: 1992

Name: ESI VIII
 Date: June 1992
 Location: Rosersberg
 Country: Sweden
 Theme: Risk Management in Complex Production and Transportation Systems
 Organiser(s): S. E. Anderson (SW)

Year: 1991

Name: ESI VII
 Date: June 1991
 Location: Cetraro
 Country: Italy
 Theme: Urban Traffic Management
 Organiser(s): M. Bielli (I)

Year: 1989

Name: ESI VI
 Date: June 1989
 Location: Funchal
 Country: Portugal
 Theme: Decision Support Systems
 Organiser(s): J. Paixoa (P)

Year: 1988

Name: ESI V
 Date: June 1988
 Location: Eindhoven
 Country: Netherlands
 Theme: Production Planning and Control
 Organiser(s): M. de Kok (NL)

Year: 1987

Name: ESI IV
 Date: June 1987
 Location: Turku
 Country: Finland
 Theme: Systems Science
 Organiser(s): C. Carlsson (SF)

Year: 1986

Name: ESI III
 Date: June 1986
 Location: Canterbury
 Country: U.K
 Theme: Decision-making in an Uncertain World
 Organiser(s): V. Belton (UK)

Year: 1985

Name: ESI II

Date: July 1985

Location: Brussels

Country: Belgium

Theme: Multicriteria Analysis

Organiser(s): J. P. Brans (B)

Year: 1984

Name: ESI I

Date: July 1984

Location: Brussels

Country: Belgium

Theme: Location Theory

Organiser(s): J. P. Brans (B)

ORP3, the OR Peripatetic Post-Graduate Programme

ORP3, the OR Peripatetic Post-Graduate Programme is a new instrument of EURO introduced in 2001. It is an annual or bi-annual meeting of young OR researchers organised by young people of an OR group in Europe. Its main features are:

- the participants are selected on full paper submissions
- the scope of the conference covers all parts of OR
- there are no parallel sessions
- low participation fees.

Guidelines for organisers

A group which wants to organize an ORP3 Conference in future years is invited to submit an informal proposal to EURO VP1 about 2 years prior to the conference. The proposal should contain:

- the proposed site and date of the conference
- the names of the main organizers
- a description of the main features of the proposed conference.

The EURO Executive Committee decides on the conference. The scientific programme committee and the organization committees are established in close cooperation with EURO VP1. The committees

are appointed by the EURO Executive Committee. The organizers provide a draft budget, which has to be approved by the EURO Executive Committee. EURO supports the Conference, in particular participants from weak currency countries. The organizers publicize their ORP3 conference and inform all EURO member societies via the EURO office about their activity.

The ORP3 conferences are open for PhD students, young post docs (up to two years after completing their doctoral thesis) and young OR analysts. Prospective participants are invited to submit a full paper electronically to the programme committee.

The scientific committee reviews the papers and selects as participants those persons whose paper has a publishable quality in an international OR journal. The final version of the papers should be available at the time of the conference.

During the conference the papers are presented and discussed. Moreover, up to 3 senior tutorial speakers may enrich the conference. The conference should be open to the whole scope of OR and should not focus on a particular topic.

The EURO Working Groups

For small groups of researchers interested in a specific OR topic EURO provides an organisational framework in the form of EURO Working Groups (EWGs). These groups are a very important part of EURO. They represent in its best form continuity in research in EURO's activities.

Active EWGs have a meeting at least once a year where the members exchange ideas, experiences and research results and support each other in the research work. In addition to their annual meetings the groups have also other ways of working; for example they organise sessions in conferences, publish feature issues of the European Journal of Operational Research or other OR journals and organise conferences or seminars.

History

Several EURO Working Groups (EWGs) were established at EURO I and have been active ever since. Others have followed in their wake and some have been dissolved. An account of the early history (up to 1983) can be found in J. Krarup, "Profiles of the European Working Groups", EJOR 15 (1984) 13-37.

Since 1993, the liaison officer between EURO and the EWGs is the Vice President 2. Each spring issue of the EURO Bulletin contains a report of the activities of the EWGs prepared by Vice President 2 of EURO.

EURO Working Groups: a contact forum for OR researchers

The European OR research community has a long tradition in organising European working groups on many aspects of Operations Research. The first EURO Working Groups date back to 1975 and are still active. In the meantime new fields of OR became "hot issues" and got their own working group. In 2000 we see the foundation of three new groups: at the EURO Conference in Budapest the Working Group on Human Centered Processes (HCP) started its activities. Also in Budapest working groups on experimental economics and on metaheuristics were discussed. These two working groups E-CUBE (European Working Group on

Experimental Economics) and EU-ME (European Chapter on Metaheuristics) took up their activities with the beginning of the year 2001.

Presently, EURO hosts 22 active groups. (The working group on Transportation is currently inactive.) These facts reveal that the original initiative to install such an organisational framework in the context of EURO has proven to be very successful. The major reasons of the success are being found on the one hand in the presence of the EURO Working Group co-ordinators. By their personal effort to motivate and organise the activities of their respective groups, they contribute in an essential way to the organisation of special sessions in conferences and/or to the publication of OR relevant papers in special issues of the European Journal of Operational Research or other OR-related journals. On the other hand, individual members of an EURO WG may find an opportunity to meet on a regular basis. At specialized Working Group meetings they may exchange ideas, experiences and ongoing research results before an actual publication with colleagues interested in the same OR topic. So a fruitful European research partnership is emerging.

Why not join a EURO Working Group?

Individual members of a EURO Working Group can benefit from it in several ways: usually the working groups organise regular meetings which provide an excellent means to meet colleagues working in the same field, to exchange ideas and research results and to find new scientific partners. Due to the efforts of the working group co-ordinators these meetings take place in a friendly and stimulating atmosphere. By organising special issues of the European Journal of Operational Research or other OR-related journals working group members get a better and more effective access to publicise their results. The cooperation in the groups is smooth and the personal relations of the group members can be described best with the word friendship.

For the groups the fact of being a EURO Working Group means organisational and financial support

by EURO. Firms can find an ideal partner from EWGs when they wish to cooperate with researchers from universities or other research establishments. With these partners companies can form a research project for which additional financing may be obtained by one of the research programs of the European Union. (Members planning such a project and support are advised to contact the secretariat of EURO.)

For EURO the EWGs mean continuity in research. The EWGs are a very important part of EURO and the work of the co-ordinators and the members of the groups is very well respected and appreciated.

If you want to get more information about a EURO Working Group or to join one, contact either the co-ordinator of the group or the second vice-president of EURO.

The Active EWGs

EURO has 24 active Working Groups (in order of establishment, with the year in brackets):

1. EWG MCDA, Multiple criteria decision aiding.....(1975)
2. EWG EUROFUSE, Fuzzy sets.....(1975)
3. EWG ORAHS, OR applied to health services.....(1975)
4. EWG EUROBANKING, Special interest group in banking.....(1975)
5. EWG EWGLA, Locational analysis.....(1984)
6. EWG ESIGMA, Special interest group on multicriteria analysis.....(1985)
7. EWG Project management and scheduling.....(1986)
8. EWG Financial modelling.....(1986)
9. EWG ECCO, European Chapter on combinatorial optimisation.....(1987)
10. EWG Decision support systems.....(1989)
11. EWG Transportation.....(1991)
12. EWG Group decision and negotiation support.....(1995)
13. EWG MODEST, Modelling of economies and societies in transition.....(1995)
14. EWG WATT Working group on automated time tabling.....(1996)
15. EWG Environmental planning.....(1997)
16. EWG PAREO, Parallel processing in operation research.....(1997)
17. EWG DEAPM, Data envelopment analysis and performance Measurement.....(1997)
18. EWG DDM, Distributed decision making.....(1997)
19. EWG Methodology for complex societal problems.....(1998)
20. EWG EUROPT, EURO Continuous Optimisation.....(1999)
21. EWG HCP, Human Centered Processes.....(2000)
22. EWG E-CUBE, European Working Group on Experimental Economics.....(2000)
23. EWG EU/ME: European chapter on Metaheuristics.....(2001)
24. EWG PROMETHEUS, Euro Working Group on Ethics.....(2002)

Detailed information on all EWGs can be found on the following pages and on the EURO Web Site (<http://www.euro-online.org/display.php?page=wg&>).

How to create a EURO Working Group?

If a group of researchers and/or practitioners cannot find an established EURO working group with the OR-topic that interests them, it is possible to submit a proposal for a new EURO Working Group to the EURO Executive Committee.

There are certain requirements that such a group has to meet:

1. As far as possible the EWGs should bring together people with different professional backgrounds, i.e. researchers, practitioners and OR educators.
2. The group should ideally have a European membership. This requirement is met if at least 4, but possibly 5 or 6 European countries are represented at each meeting and if the meetings do not take place too often in the same country.
3. Any group should be open to any individual member of any EURO member society. In some exceptional case also persons that are not members of a national OR society can be accepted.

Becoming a EURO Working Group brings duties and advantages to the group. One of the duties is that the co-ordinators of the EWGs have to report yearly on their activities to EURO. (See the reports below.) One of the advantages is that the group obtains organisational support from EURO. EURO K conferences provide time and space for the meetings of the EWGs and the meetings can be set within the framework of the conference itself. Nowadays several EWGs organise their meetings on the day(s) before a EURO K conference starts, or on the day after it finishes. EURO also supports EWGs by offering an opportunity to use the EURO Bulletin as the group's newsletter. Another advantage is that an EWG obtains financial support from EURO. Financial support can be granted e.g. for administrative costs in the establishment of a new EWG and occasionally for meeting expenses, such as those of guest speakers or for some specific colloquium or seminar. More details on the organisation and activities of EWGs are stated in the charter of the EURO Working Groups; see URL address: <http://www.euro-online.org>

More information about Working Groups can be obtained from EURO. The EURO-officer in charge of Working Groups is the second vice-president.

EWG MCDA, Multicriteria decision aiding

Contact Point

URL: <http://www.inescc.pt/~ewgmcda>

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Fax: +33 1 44054091
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EWG EUROFUSE, Fuzzy sets

Contact Point

URL: <http://allserv.rug.ac.be/~bdebaets/eurofuse.html>

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EWG ORAHS, OR applied to health services

Contact Point

URL: <http://www.soton.ac.uk/~orahsweb/>

Coordinator

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EWG EUROBANKING, special interest group

Contact Point

URL: <http://www.clubi.ie/eurobank>

Coordinator

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EWG EWGLA, Locational analysis

Contact Point

URL: <http://www.vub.ac.be/EWGLA/>

Coordinator

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EWG ESIGMA, Special interest group on multicriteria analysis

Coordinator

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EWG Project management and scheduling

Coordinator

Prof. Luis Valadares Tavares
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E-mail: lavt@civil.ist.utl.pt

EWG Financial modelling

Contact Point

<http://www.finance-on-eur.nl>

Coordinator

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E-mail: spronk@few.eur.nl
URL: <http://www.few.eur.nl/few/people/spronk/>

EWG ECCO, European Chapter on combinatorial optimization

Contact Point

URL: <http://www.prism.uvsq.fr/~vdc/ECCO/ECCO.html>

Coordinator

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EWG Decision support systems

Coordinator

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EWG Transportation

Contact Point

URL: <http://www.iasi.rm.cnr.it/ewgt/home.html>

Coordinator

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 URL: <http://www.iasi.rm.cnr.it/iasi/personnel/bielli.html>

EWG Group decision and negotiation support

Contact Point

URL: <http://infolab.kub.nl/eurogdss/>

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EWG MODEST, Modelling of economies and societies in transition

Contact Point

URL: <http://www.ptbois.org.pl/~modest>

Coordinator

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EWG WATT Working group on automated time tabling

Contact Point

URL: <http://www.asap.cs.nott.ac.uk/ASAP/watt/index.html>

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EWG Environmental planning

Contact Point

URL: <http://www.unipi.gr/gaia/gaia.htm>

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 URL: <http://www.unipi.gr/gaia/personal/pappis/pappis.htm>

EWG PAREO, Parallel processing in operation research

Contact Point

URL: <http://www.prism.uvsq.fr/~blec/PAREO/>

Coordinator

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EWG DEAPM, Data envelopment analysis and performance measurement

Contact Point

URL: <http://www.deazone.com/eurodeapm>

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EWG DDM, Distributed decision making

Contact Point

URL: <http://www.bwl.uni-mannheim.de/Schneeweiss/ddm/ddm.html>

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EWG Methodology for complex societal problems

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EWG EUROPT, Continuous Optimisation Working Group

Contact Point

URL: <http://www.cs.elte.hu/opres/europt>

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EWG HCP, Human Centered Processes

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EWG E-CUBE, European Working Group on Experimental Economics

Contact Point

URL: <http://www.uni-graz.ac.at/soowww/exlab/eCube.htm>

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EWG EU/ME, European chapter on Metaheuristics

Contact Point

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EWG PROMETHEUS, Euro Working on Ethics

Contact Point

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 URL: [Http://pages/vub.ac.be/~epruyt](http://pages/vub.ac.be/~epruyt)

A EURO Thesaurus of OR Research Units

The thesaurus aims to spot active OR research units from conferences organised by EURO, the Association of European OR societies within IFORS (more information on EURO are available on the EURO web site at: <http://www.euro-online.org>).

The rough material used as starting point is the databases of the three last EURO conferences, i.e.: EURO XIV 1995, EURO XV 1997, EURO XVI 1998 and EURO XVII 2000. The lists of topics defining the subjects of the papers were different for each conference. Their consistency have been improved

within the framework of the classification of International abstracts in OR.

Each OR research unit is characterised by the following items:

- country
- city
- designation
- composition, i.e. the name of its members with their e-mails if any, and the EURO conference where they presented a paper
- topics defining their specific research fields.

EURO Gold Medal

The EURO Gold Medal is the highest distinction within OR in Europe. It is conferred to a prominent person or institution, for an outstanding contribution to the Operational Research science.

The Award, which officially is bestowed in conjunction with a EURO Conference, is not only a significant honour for the Laureate personally, but also important for the general promotion of OR as leading scholars and their contributions are made better known via the Medal. Laureates of the EURO Gold Medal are invited to all future EURO Conferences without payment of the registration fees.

Nominations of candidates are solicited from the national societies in the year prior to each EURO Conference. To emphasize the European flavour of the Award, all societies are strongly urged not to propose a candidate from their own country. Moreover, no currently active officer of EURO (Executive Committee Member, EURO Gold Medal jury member, Organising and Programme Committees Chairmen of the conference where the EURO Gold Medal will be awarded) is eligible. The societies are responsible for providing a recent and detailed CV of their nominee, as well as a written motivation stating the reasons why their nominee deserves the EURO Gold Medal.

The jury evaluates the proposed candidates essentially on basis of their scientific activities (papers in excellent journals, editorials, jobs, number of PH.D. students...). The proposed laureate should also have contributed to the promotion of OR, in particular in Europe.

The decision of the jury decision is publicly announced at the Opening Session of the next EURO Conference. Following a presentation of the competition by the chairman of the jury, the Laureate is invited to give a lecture. He then receives the EURO Gold Medal and a certificate.

EURO Gold Medal Laureates

Gold Medal Laureate(s)

- E. Balas (USA).....
- P. Toth (Italy).....
- Rainer Ernst Burkard (Austria) and Jan Karel Lenstra (The Netherlands).....
- D. de Werra (Switzerland).....
- J.P. Brans (Belgium), L. Wolsey (Belgium).....
- B. Roy (France).....
- J. Blazewicz, R. Slowinski, J. Weglarz (Poland).....
- C. Berge (France).....
- E.M.L. Beale (United Kingdom) (posthumously).....
- P. Hansen (Belgium), A.H.G.Rinnooy Kan (The Netherlands).....
- H.J. Zimmermann (Germany).....

EURO Excellence in Practice Award (Previously EURO Prize for the Best Applied Paper)

Each EURO Conference is marked by the competition for the "Excellence in Practice Award" which is conferred to the best paper describing an application of Operations Research in practice.

The purposes of the competition are:

- to recognise outstanding accomplishments in the practice of Operational Research,
- to attract more application-oriented papers to EURO Conferences,
- to promote the practice of Operational Research in general.

All interested authors are invited to submit papers describing an application of Operational Research which has original features, whether in methodology, application or implementation.

The papers must not have been submitted concurrently to another competition and can not have been yet published.

The criteria for the evaluation of the papers are:

- the scientific quality of the paper,
- the relevance to Operations Research,
- the originality in methodology, implementations and/or field of application,
- the real impact to practice,
- the appreciation by the organisation involved with the application.

The jury selects a short-list of finalist papers which are presented in a special session of the EURO Conference. There is no registration fee for one author by finalist paper. The winner is determined by the jury at the end of the special session and is announced by the chairman of the jury during the closing session of the EURO-Conference.

The prize is a distinct honour, consists of:

- a certificate of excellence in OR practice for each author of the paper and for the concerned organization,
- an amount of 3.000 EUROS for the authors, in equal shares.

The awarded Papers were:

- 2001 D. Bredström, J.T. Lundgren, A. Mason, M. Rönnquist,
"Supply Chain Optimisation in the Pulp Mill Industry"
- 2000 Dick den Hertog and Peter Stehouwer,
"Optimising colour picture tubes a novel approach for high-cost non-linear programming"
- 1998 Cécile Arondel and Philippe Girardin,
"Sorting farming systems on the basis of their impact on ground water quality"
- 1997 Zeger Degraeve and Linus Schrage,
"HOP: A Software Tool for Production Scheduling at Bridgestone/Firestone Off-The-Road"
- 1995 Nissan Levin, Jacob Zahavi and Morris Olitsky,
"ÒAMOS - a probability-driven, customer-oriented decision support system for target marketing of solo mailings"

EURO Management Science Strategic Innovation Prize (MSSIP)

Preamble

The European Association of Operational Research Societies (EURO) is offering an award to foster specific areas of application of Operational Research in management. The prize is intended to award outstanding contributions in theory or in practice of the envisaged area. This area is announced three years in advance to encourage innovative researchers and possibly entire research groups to focus their work on a domain of particular strategic interest. The award will be called Management Science Strategic Innovation Prize (MSSIP). It is characterised by the following regulations:

Significance and Description

The prize is to be awarded for an outstanding innovative contribution of Management Science/OR in a particular field of management. This contribution can be a theoretical achievement or an innovative practical implementation in that area.

The submitted work consists of a paper in which the theoretical result or the practical implementation is explained. The theoretical result ought to be an outstanding contribution to the theory in the selected area.

The practical application should describe a successful implementation for which a recently developed OR technique plays a predominant role.

Awarding, Endowment, and Announcement

The prize is awarded each year when a EURO Conference takes place. It is conveyed on an exceptional occasion at that conference. The paper is presented in full length at the conference and is being published in EJOR.

The specific area of Management Science/OR is announced 3 years in advance.

The prize is endowed with an amount of at least 12.000 Euros and has to be sponsored by a private company, public institution or consortia of private and/or public bodies.

There are no second or third prizes; however, in exceptional cases, the prize might be split.

Administration

The general administration of the prize is in the responsibility of the president of EURO.

The EURO Executive Committee (EC) selects the area of the prize and the chairperson of the jury. It seeks the advice of an advisory board. This board consists of :

1. the chairpersons of the PCs of the last and the two next EURO Conferences,
2. the editors of EJOR,
3. the co-ordinators of the working groups, and
4. a representative of the sponsor.

The jury selects the winner of the prize. It consists of 7 persons:

1. the chairperson who is an outstanding expert in the area selected,
2. an additional expert to be appointed by the chairperson,
3. one editor of EJOR,
4. the PC chairperson of the EURO conference at which the prize is to be awarded,
5. a practitioner most adjacent to the specified area, to be appointed by the chairperson,
6. the EURO president in office at the time the area of the award has been chosen,
7. one representative of the sponsor.

Administrative regulations

For the handling of the prize, the sponsor supports EURO by an amount of 3.000 Euros, each time the prize is awarded. A specific budget line is added for this purpose to the EURO accounts and balance.

Temporary regulations

The first five editions of the award (foreseen for EURO 2003, 2004, 2006, 2007, 2009) will be sponsored on an exclusive basis by SAP AG, Walldorf, Germany, through a specific agreement. The subsequent sponsors will be chosen by the EC.

ESYR - EURO Support for Young Researchers Programme

EURO provides up to five scholarships annually to support PhD students or young researchers up to 2 years after their PhD defence to participate in meetings of EURO Working Groups. Annually a competition is run for these scholarships according to the following rules:

Eligible young researchers (PhD students or post-docs up to 2 years after their PhD defence) submit an outstanding paper to the WG co-ordinator. The WG co-ordinator chooses two referees on this paper and submits the following material to the EURO VP2 until February 15 of each year:

- a statement that the person is either a PhD student or has finished her/his studies not longer than two years ago.

- title of the paper, two referee reports and a statement by the WG co-ordinator why this paper is considered as outstanding by the WG.

Based on the material coming from the Working Groups, the EURO VP2 meets the final decision on the supports. Every person can only be awarded once. The supports are awarded purely on a scientific basis and independently on the financial situation of the nominee's country. The WG's can propose several persons and more than one person can be awarded from a WG. The EURO VP2 can also split the supports.

EURO-k Conferences

The EURO-k Conferences are broadly oriented and have so far attracted an average of 600 participants. They are intended to be forums for communication and cooperation among European operational researchers. They are also intended to be international meetings of operational researchers who are active in the various areas of OR and to serve the free exchange of ideas and results.

National OR societies which are full members of EURO are regularly invited to submit proposals to host future EURO-k Conferences. Bids for hosting a EURO-k Conference in a specific year should be made at least two years before the date of the meeting. The decision is made by EURO Council. As part of the selection process, EURO attempts to balance the location of successive conferences in terms of geography (so that no specific part of Europe is ignored) and between large and small societies.

In making decisions, EURO also takes notice of other major international meetings having to some extent the same purpose as the EURO-k Conferences. More specifically, no EURO-k Conference is held in a year of an IFORS triennial conference.

EURO-k Conferences can be organized in cooperation with other associations such as INFORMS. In each such case, a special agreement between EURO and the guest association must be prepared.

The following table lists the past EURO-k Conferences. The forthcoming EURO XIX Conference is scheduled in Istanbul.

EURO-k Conferences

Year: 2001

Name: EURO XVIII
Date: July
Location: Rotterdam
Country: The Netherlands
Number of delegates: 650
Number of papers: 586
Chair of PC: L. Van Wassenhove
Chair of OC: J. van Nunen

Year: 2000

Name: EURO XVII
Date: July
Location: Budapest
Country: Hungary
Number of delegates: 536
Number of papers: 502
Chair of PC: J. Krarup
Chair of OC: A. Prékopa

Year: 1998

Name: EURO XVI
Date: July
Location: Brussels
Country: Belgium
Number of delegates: 760
Number of papers: 680
Chair of PC: B. Matarazzo (I)
Chair of OC: J. Teghem (B)

Year: 1997

Name: EURO XV / INFORMS XXXIV
Date: July
Location: Barcelona
Country: Spain
Number of delegates: 1048
Number of papers: 962
Chair of PC: J. Barcelo (SP)
Chair of OC: L. Valdares Tavares (P)

Year: 1995

Name: EURO XIV
Date: July
Location: Jerusalem
Country: Israel
Number of delegates: 642
Number of papers: 620
Chair of PC: R. Slowinski (PL)
Chair of OC: Z. Sinuany-Stern (I)

Year: 1994

Name: EURO XIII/OR 36
Date: July
Location: Glasgow
Country: Scotland
Number of delegates: 745
Number of papers: 596
Chair of PC: D. Bouyssou (F)
Chair of OC: V. Belton (GB)

Year: 1992

Name: EURO XII/TIMS XXXI
 Date: June
 Location: Helsinki
 Country: Finland
 Number of delegates: 1206
 Number of papers: 935
 Chair of PC: F. Maffioli (I)
 Chair of OC: C. Carlsson (SF)

Year: 1991

Name: EURO XI
 Date: July
 Location: Aachen
 Country: Germany
 Number of delegates: 743
 Number of papers: N/A
 Chair of PC: J. Kohlas (CH)
 Chair of OC: H. J. Zimmermann (D)

Year: 1989

Name: EURO X
 Date: June
 Location: Belgrade
 Country: Yugoslavia
 Number of delegates: 295
 Number of papers: N/A
 Chair of PC: R. E. Burkard (A)
 Chair of OC: V. Batanovic (YU)

Year: 1988

Name: EURO IX/TIMS XXVIII
 Date: July
 Location: Paris
 Country: France
 Number of delegates: 1176
 Number of papers: 925
 Chair of PC: Ph. Vincke (B)
 Chair of OC: P. Tolla (F)

Year: 1986

Name: EURO VIII
 Date: September
 Location: Lisbon
 Country: Portugal
 Number of delegates: 496
 Number of papers: 352
 Chair of PC: R. Tomlinson (GB)
 Chair of OC: I. Themido (P)

Year: 1985

Name: EURO VII
 Date: June
 Location: Bologna
 Country: Italy
 Number of delegates: 550
 Number of papers: 417
 Chair of PC: E. Jacquet-Lagrèze (F)
 Chair of OC: P. Toth (I)

Year: 1983

Name: EURO VI
 Date: July
 Location: Vienna
 Country: Austria
 Number of delegates: 488
 Number of papers: 288
 Chair of PC: C. Carlsson (SF)
 Chair of OC: P. Harhammer (A)

Year: 1982

Name: EURO V/TIMS XXV
 Date: July
 Location: Lausanne
 Country: Switzerland
 Number of delegates: 598
 Number of papers: 267
 Chair of PC: B. Haley (GB)
 Chair of OC: D. de Werra (CH)

Year: 1980

Name: EURO IV
 Date: July
 Location: Cambridge
 Country: England
 Number of delegates: 610
 Number of papers: 340
 Chair of PC: J. P. Brans (B)
 Chair of OC: M. Shutler (GB)

Year: 1979

Name: EURO III
 Date: April
 Location: Amsterdam
 Country: The Netherlands
 Number of delegates: 508
 Number of papers: 276
 Chair of PC: J. Krarup (DK)
 Chair of OC: C. B. Tilanus (NL)

Year: 1976

Name: EURO II

Date: April

Location: Stockholm

Country: Sweden

Number of delegates: 481

Number of papers: 171

Chair of PC: M. Roubens (B)

Chair of OC: S. E. Andersson (S)

Year: 1975

Name: EURO I

Date: January

Location: Brussels

Country: Belgium

Number of delegates: 506

Number of papers: 115

Chair of PC: H. J. Zimmermann (D)

Chair of OC: J. P. Brans (B)

Mini EURO Conference

In addition to the large EURO-k conferences considering all possible OR-subjects and as a supplement to the established EURO Working Groups, a series of so-called Mini EURO Conferences (MEC) was initiated in 1984. The objective is to assemble a limited number of specialists around a specific theme.

How to organize a Mini EURO Conference?

Proposals for organizing a Mini EURO conference can be made by any member of any member society of EURO. These proposals are to be approved by the Executive Committee.

It should be stressed that Mini EURO conferences should be open to specialists representing the entire OR community and not only address the organizer's "domestic market". If a proposal is approved by the Executive Committee, EURO will grant a loan to the organizers, sufficient to cover printing and distribution of a Call for Papers to all members of the national societies and of an Invitation Programme to all those interested.

Application form for a Mini EURO Conference (.doc file) is available at <http://www.euro-online.org/display.php?page=mini2&>

Past Mini EURO Conferences

Year: 2002

Name: MEC XII

Date: April 2002

Location: Brussels

Country: Belgium

Organiser(s): J-P. Brans (B), T. Jelassi (F),

G. Coppin (F), M. Roubens (B), P. Zaraté (F)

Theme: Decision Support Systems, E and Mobile Commerce

Year: 1999

Name: MEC X

Date: Sep-99

Location: Brest

Country: France

Organiser(s): J-P. Barthelemy (F)

Theme: Human Centered Processes

Year: 1999

Name: MEC XI

Date: Aug-99

Location: Helsinki

Country: Finland

Organiser(s): M. Pursula (FIN)

Theme: Artificial Intelligence in Transportation Systems and Science

Year: 1997

Name: MEC IX
 Date: Sep-97
 Location: Budva
 Country: Montenegro (Yugoslavia)
 Organiser(s): D. Teodoravic (YU)
 Theme: Fuzzy Sets in Traffic and Transport Systems

Year: 1997

Name: MEC VIII
 Date: Mar-97
 Location: Bruges
 Country: Belgium
 Organiser(s): J.-P. Brans (B)
 Theme: Decision Support Systems, Groupware, Multimedia, Electronic Commerce

Year: 1995

Name: MEC VII
 Date: Oct-95
 Location: Thessaloniki
 Country: Greece
 Organiser(s): V. Papathanassiou (GR)
 Theme: 3rd Balkan Conference on Operational Research

Year: 1994

Name: MEC VI
 Date: Jan-94
 Location: Liège
 Country: Belgium
 Organiser(s): G. Colson (B)
 Theme: Risk Management

Year: 1993

Name: MEC V
 Date: Oct-93
 Location: Thessaloniki
 Country: Greece
 Organiser(s): V. Papathanassiou (Gr.)
 Theme: Managing Business Opportunities in the Changing Balkan Markets

Year: 1987

Name: MEC IV
 Date: Nov-88
 Location: Warwick
 Country: U.K.
 Organiser(s): V. Belton (UK)
 Theme: Visual Interactive Modelling
 Feature Issue: EJOR 54/3, 1991
 Editor(s): V. Belton, M. Elder

Year: 1986

Name: MEC III
 Date: June-87
 Location: Herceg Novi
 Country: Yugoslavia
 Organiser(s): S. Guberinic (Yu)
 Theme: Operations Research Methods in Transport Planning and Traffic Control

Year: 1985

Name: MEC II
 Date: Nov-85
 Location: Lunteren
 Country: Netherlands
 Organiser(s): H. Gelder (NL)
 Theme: Experts Systems and Artificial Intelligence in DSS. An OR Interface to Management

Year: 1984

Name: MEC I
 Date: June-84
 Location: Bruges
 Country: Belgium
 Organiser(s): P. Allen (B)
 Theme: Management and Modelling of Dynamic Systems
 Feature Issue: EJOR 25/1, 1986
 Editor(s): P.M. Allen

European Journal of Operational Research (EJOR)

At the first Council Meeting held on 30 January 1975, a European Journal of Operational Research (EJOR) was proposed. A committee (G. Kreweras, B. Roy, C.B. Tilanus, and H-J Zimmermann) was formed to investigate the desirability of such a venture. Following their recommendations, the Council decided on 8 May 1975 that EJOR should be launched. All member societies were requested to nominate candidates for the editorial organization.

The first volume of EJOR appeared in 1977. It consisted of six issues published bimonthly and totalling 420 pages. EJOR has ever since experienced a remarkable growth. Two volumes were published in 1980 in 12 monthly issues; eight volumes totalling over 5300 pages were published in 1995, thus making EJOR the largest OR journal worldwide.

Most issues since 1981 are led by an Invited Review. Thus by mid-1995, 172 Invited reviews covering a wide range of topics of interest of operational researchers had been published. In addition to the invited reviews and regular papers, EJOR includes book reviews, and sections dealing with OR software.

Over the years, about 90 feature issues of EJOR have appeared. Guest-edited feature issues have been generated by several EURO instruments, notably the EURO-k conferences, the Mini EURO conferences, the EURO Summer Institutes and the EURO Working Groups.

Throughout its lifetime, EJOR has been published by Elsevier Science Publishers (North-Holland), Amsterdam.

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Until 1990, the surplus made at the EURO-k conferences was EURO's sole source of income. Due to an agreement (valid for 10 years) with Elsevier, EURO has since received royalties from Elsevier of a fixed amount per volume published, annually adjusted for inflation.

EURO Bulletin

In order to improve communication between operational researchers in Europe, it was decided in 1975 at EURO I to publish a newsletter: the EURO Bulletin. This Bulletin not only gives relevant information about current EURO activities but also includes announcements of other conferences, meetings etc. of interest to its readers.

The first five issues were edited by J. P. Brans as a leaflet sent to more than 10.000 members of the national OR societies in Europe. Throughout the period 1976-1991, the EURO Bulletin appeared as an appendix to EJOR. Former editors of the

Bulletin were:

1975-1980: J. P. Brans (B)

1980-1985: S. Kruse Jacobsen (DK)

1986-1990: M. Despontin (B)

A new format was introduced in the second half of 1991, under the editorship of Ph. Van Asbroeck, (e-mail: office@euro-online.org), allowing a quicker circulation of information and a larger diffusion.

The EURO Bulletin is now distributed through the national OR societies and is available on the Web (<http://http://www.euro-online.org/>).



The EURO web site <http://www.euro-online.org>

A new EURO web site has been build. This site is available since December 2001. The main topics of the previous one have been kept and several new features introduced. The objective is to enhance contact and exchange of information in the EURO community.

At the National Member Society level, each society has its own site within the EURO web site and is able to present and update their own information, e.g. address book, executive committee, meeting announcement.

At the EURO Working Group level, the same facility is available. Each EWG presents its activity report. Furthermore, the registered visitors of the site may print the annual report of all the EWGs from the site directly.

At the individual level, various forum and facilities could be used:

- Education: Informational material to help students in their work or studies, training courses, seminars...
- Research & practice: As a registered member you can share ideas and experience, find information, search for help, keep in touch with OR developments.
- Publications: Information about publications online, EURO Bulletin, OR newsletters, tutorial papers, books...
- Job: Access to a list of job offers, placing advertisement of open positions in OR field.

An Archive page attempts to provide an exchange place for files. You may share here course notes, slides of presentations, papers. In order to avoid abuses in the use of this service, the following rules must be followed:

- Only registered users have access to the archive.
- Files are limited to 2 MB.
- The user posting a file is the only responsible for its contents. Files posted on this site must be free of copyright restrictions. They must be related to Operational Research.
- Files are reviewed by the Webmaster before being added to the archive. Please allow up to 72 hours for this reviewing process.

Why should you register?

If you want:

- To place Job adverts, OR Information.
- To start a discussion, ask questions.
- To share archive.
- To have access to tutorials or surveys by prominent colleagues

Please register with the EURO Web Site and you should have a free of charge access to our OR devoted forums

Regarding our privacy policy, the information submitted will not be publicly available unless you allow us to publish it. You will not receive any unsolicited email from us and you will be able to change your email preferences at any time. Your personal information will not be given to third parties.

EURO Statutes

EURO Charter

EURO Articles

ARTICLE I	OBJECTS
ARTICLE II	MEMBERSHIP
ARTICLE III	FINANCE
ARTICLE IV	ORGANISATION AND VOTING
ARTICLE V	DUTIES OF OFFICERS
ARTICLE VI	AMENDMENTS AND BYE-LAWS
ARTICLE VII	ELECTION OF OFFICERS
ARTICLE VIII	MAINTENANCE OF RIGHTS OF MEMBERS
ARTICLE IX	DISSOLUTION
ARTICLE X	AUDITING AND CONTROL

EURO Bye-Laws

EURO Charter

EURO was formed in accordance with the Brussel's Agreement of 29 January 1975, as ratified by the Founder Member Societies - Belgium, Finland, Germany, Greece, Ireland, Netherlands, Sweden, Switzerland, United Kingdom - and amended at the first meeting of the Council of EURO held on 18 June 1976. Further amendments have been made by the Council in 1989 and 1990.

EURO is a Scientific Association, domiciled in Fribourg, Switzerland, and incorporated under the "Code Civil Suisse" as a "not-for-profit" society.

EURO Articles

Article I - Objects

1. The objects of EURO shall be the development of Operational Research (O.R.) as a unified science, and its advancement in all nations of Europe. Means to this end shall be determined by EURO in the manner outlined herein and shall include:

- Sponsoring of European conferences and meetings.
- Providing other means for the exchange of information on O.R. between Members.
- Encouraging the establishment of national O.R. societies.
- Maintaining standards of competence in O.R.
- Encouraging the teaching of O.R.
- Promoting the development of specific parts of

O.R. and encouraging the development of new fields.

- Publishing books, papers, and journals.

2. The Members of the EURO bind themselves to co-operate with each other in the attainment of these objects by all appropriate means.

3. Each Member society shall extend to all the individual and corporate members of other Member societies the rights and privileges offered to their own members, with the exception of voting rights and of privileges and services which are directly related to the payment of fees or subscriptions.

4. Each Member society shall extend to all other Member societies the privileges of corporate membership without the payment of a fee.

5. No change in the objects of EURO can be forced upon any of its Members.

Article II - Membership

1. Membership of EURO is open to all European O.R. Societies and O.R. Societies of other nations, whose applications the EURO Council supports unanimously. (Bye-law 4)

2. Initially, membership was open to all founder societies that signed the Agreement on 29 January 1975 (or within six months thereafter) and satisfied the Articles.

3. O.R. Societies which, for any reason, do not qualify for membership, may be admitted as Associates, on such terms and conditions as Council may decide. Associates may send one observer to a Council meeting, who cannot vote and cannot be appointed as a EURO officer. Associates have no rights over the common property of EURO. Election as an Associate requires a unanimous decision of Council.

4. A Member may withdraw from EURO on not less than six months previous notice in writing, expiring at the end of a calendar year.

5. A Member can be expelled only by a resolution of Council and on reasonable grounds. However, Members continue to remain liable to pay a proper

portion of their subscription according to the period of their membership.

6. Members resigning, or having been expelled, lose all rights over the common property of EURO.

7. In the event of a Member allegedly failing to comply with the EURO Statutes and the decisions of Council, such allegations must be brought before a meeting of Council for consideration under Article II.5

Article III – Finance

1. The assets of EURO are the property of the Member societies and their use in the support of EURO activities is determined by the decisions of Council. All such activities must support EURO's objects, be lawful, and conform to its charitable status.

2. Under its Swiss standing, EURO is able to use any surpluses that arise in the organization of its scientific activities to support its general administration, and contribute to other activities that aid the achievement of its objects. In this respect, EURO may only pay for expenses or costs which fall into those categories approved by the Council, and maintained by the treasurer.

3. All budgets, or changes to budgets, must be submitted to the Council for approval, prior to their adoption.

4. Furthermore, EURO may only pay for any expenses or costs falling into these approved categories, when the activities undertaken by individuals or groups of individuals, acting on its behalf, are approved in advance, either by the Council or by the Executive Committee.

5. EURO may make charges for conferences, journals, and any other services it may provide, and it will use the surpluses from those sources to finance its charitable activities as specified under III 2. The initial funds of EURO consisted of the surplus from the EURO I Conference.

6. EURO's income may be supplemented by annual or occasional levies on Members, subject to the unanimous vote of the Council. Voluntary contributions may be sought or accepted. Members shall also pay an annual contribution, the amount of which is decided each year by the Council.

7. In the event of EURO ceasing to function, its assets shall be distributed in accordance with the Swiss law appertaining to cooperative bodies corporate.

8. The accounting year of EURO shall end on 31 December.

Article IV – Organisation and Voting

1. EURO is governed by a Council of Member societies, to which each Member is allowed to send two representatives and exercise one vote. All representatives should have been properly appointed by their societies. Their names must be given to the President. The representative carrying the right to vote must vote in person. No other person may vote.

2. The Council will meet once per year, normally during the period of a EURO K meeting, and at other times when called upon to do so under Article IV 7. The quorum for meetings of Council shall be one fifth of the members. The Council is the highest organ of EURO and controls all the other organs of EURO, and can at any time revoke any authority conferred on them, without prejudice however, to any right which they may possess by special agreement.

3. The Council has the power to act in all matters not specifically assigned to another organ of EURO, providing such actions are not inconsistent with the EURO Objects, are lawful, and do not infringe EURO's charitable status.

4. An Executive Committee, consisting of the officers of EURO, constitutes the management and direction of EURO. It acts under the directives of Council, and its members undertake such actions as are necessary to comply with the Council's directives, conform to the Objects of EURO, and are lawful. All its decisions are made under the authority delegated to it by the Council.

5. The Executive Committee is required to meet at least once each year. The quorum for these meetings is three.

6. The Council may appoint individuals, or committees, to undertake special functions. Such appointees will be responsible to the Council through the Executive Committee.

7. The President has discretion to call additional meetings of Council whenever a requirement arises and shall do so if a meeting is demanded in writing by not less than one-fifth of the Member societies.

8. Written notices of all Council meetings must be posted to all Member representatives not less than 28 days before the date of the meeting.

9. Subject to IV(1) and (8), Council may at the President's discretion conduct business by post and in such circumstances postal votes by the representatives shall be valid; at least 28 days shall be allowed for voting after the notice of business has been posted. The result of such a vote shall be valid only if all Members vote in favour. Otherwise all decisions of EURO, except those delegated expressly to other bodies, are taken by Council at its meetings.

10. Unless otherwise stated in respect to a particular ARTICLE, decisions at Council or Committees shall be by simple majority. In the event of an equality of the votes a motion shall fail.

11. Unless expressly provided elsewhere in these statutes decisions cannot be made by Council except on items on the agenda. Members must be given the opportunity to place items on the agenda before it is circulated.

12. No member society or any individual in the member society, is allowed to vote on any motion relating to any transaction or legal proceedings between EURO of the one part and the member society, or any individual in the member society, or that individual's family, of the other part.

Article V - Duties of Officers

1. The President shall preside at any meeting of the Council, and chair any meeting of the Executive Committee. The President, assisted by the Secretary, will be responsible for the arrangement of all such meetings, the preparation of agendas, and the distribution of all supporting documents. In the absence of the President, a Vice-president will take over these responsibilities.

2. The President, assisted by the Secretary, shall prepare and circulate an annual report to all the Member societies.

3. If it is necessary for EURO to be legally represented in a court of law, it shall be represented by the President or by a Vice-president, subject to Article IV(6).

4. The duties of the Secretary are to ensure the administrative functioning of EURO, its Council, and its Executive Committee.

5. The Secretary will be responsible to Council, for keeping a record of all decisions taken at Council meetings and Executive Committee meetings, and preparing minutes for circulation to all Member societies. The Secretary will also record the names of all attendees at meetings and ensure that there is a correct quorum of voting Members present throughout each meeting.

6. The Secretary is also empowered to employ staff and make contracts in the name of the EURO, within the budgeted limits.

7. The Treasurer will be responsible for paying expenses, preparing budgets, monitoring income receipts, and managing assets. In the event that an alternative signature is required this can be provided by one of the following:

1. President,
2. Vice-president (1)
3. Vice-president (2)

8. The Treasurer is empowered to hold funds and property in the name of EURO, to deposit funds in a recognised bank approved by the Council, or to invest them in such type of securities as for the time being may be authorised by the Executive Committee acting in accordance with Council's guide lines.

9. The Treasurer shall keep proper books of accounts showing all money transactions and liabilities of EURO.

10. If conditions are attached to funds granted or donated to the association, the Treasurer must, before accepting, obtain the approval of the Executive Committee.

11. The duties of other officers will be decided by the Executive Committee, and approved by the Council.

12. In the event of an emergency, requiring the substitution of any officer, the remaining officers on the Executive Committee are empowered to make a temporary appointment from amongst the past officers. The Council should be notified immediately of any such action.

Article VI - Amendments and Bye-laws

1. Any of these statutes may be amended, suspended or annulled, or new statutes added after a formal proposal of such amendment has been mailed from the President to all Members. Such mailing of formal proposals must be made at least three calendar months prior to the posting of notice, in accordance with Article IV(9) and (10), of a Council meeting or postal vote at which a vote will be taken on the amendment. Changes to the Articles shall be decided as provided in Article IV(9) except that if all Members assent to a proposal in writing it shall be the equivalent of a majority vote at a Council meeting. Amendments to any proposals may be accepted at any time prior to the start of the Council meeting.

2. Any proposal to change the EURO Objects requires the unanimous support of all Members at a Council meeting.

3. By-laws may be enacted or modified upon proposal by the President posted to all Member Societies. As with amendments to the statutes, such proposals must be mailed not less than three calendar months before the calling of a meeting, or postal vote, to vote upon them. Provided they are consistent with the current provision of the statutes, by-laws require a simple majority vote of Council.

Article VII - Election of Officers

1. Elections of EURO officers - President-elect, two Vice-presidents, a Secretary, and a Treasurer - shall normally take place at meetings of Council, and require a simple majority vote. The appointments shall be effective from the following 1 st January. Officers must be representatives, and nominations for each available post must be sent to the President in advance of the meeting. Each nomination for President-elect must have the written support of three Members, and for the other officers [one] Member.

2. The President-elect will be appointed one year before becoming President, and serve as Past-pres-

ident for one year afterwards. All other officers will be appointed for two years. Council may from time to time appoint any eligible person to fill a casual vacancy in their number. If voting on the election of officers takes place by a postal ballot, the result must be ratified by a positive vote of Council at its next meeting.

3. No individual may serve as an elected officer in any capacity for more than four years consecutively. Any elected officer may be removed from office at any time by a two-thirds majority vote of Council.

Article VIII - Maintenance of Rights of Members

1. In the event of any Member becoming aware of any resolutions passed by Council or any of its committees, which violates Swiss law or the Statutes of EURO, it can within one month of obtaining that knowledge apply to the court to have the decisions set aside. Any action taken by individuals, or groups of individuals, consequent upon such resolutions, will be declared illegal.

2. These Statutes guarantee Members full access to all EURO records about its activities and plans.

Article IX - Dissolution

1. EURO can at any time resolve upon its own dissolution.

2. EURO is to be dissolved automatically by law if it becomes insolvent or if it has proved impossible to appoint the required number of officers in accordance with the Articles.

Article X - Auditing and Control

1. All Members, Council representatives, and officers of EURO, will comply with the Statutes, Bye-laws, and Internal Controls, approved by the Council.

2. All the accounts prepared by the Treasurer will be audited by auditors appointed by the Executive Committee, and, on completion, a copy of each account must be sent to each Member.

3. All activities undertaken by individuals, or groups of individuals, on behalf of EURO, and so designated, will be reviewed by the Executive Committee, or its nominees, to ensure compliance with EURO contracts and agreed standards.

4. All records of EURO shall be made available for inspection by any Member on giving reasonable notice to the Secretary.
5. All business of EURO, as determined by the categories of expenditure approved by Council, will be conducted in a cost effective manner and in accordance with standards approved by the Council.
6. EURO officers and others are individually responsible for keeping any expenditure delegated to them by Council within budget and for the approved purpose.
7. Internal control procedures to ensure that EURO funds remain secure and are effectively utilised will be developed by the Executive Committee, approved by Council, and implemented on an independent basis. The first item on the list of internal control procedures will be ICP 1/91, which deals with the authority to approve payments out of EURO funds, and forms a part of EURO's agreement with its bank. Copies of these procedures will be kept by the Treasurer.

EURO Bye-laws

1. The geographic area determined by the countries of all the Members of EURO has been designated by IFORS (International Federation of Operational Research Societies) to be one of its regional groupings. On this account the Members of EURO are able to appoint their own regional Vice-president. Every three years the Council will elect a "Vice-president (EURO Region of IFORS)". Election to an IFORS position does not come within the provisions of Article VII 3.
2. The Vice-president (EURO Region of IFORS) may attend EURO Council meetings, without the right to vote in that capacity.
3. All records of Council meetings and those of its committees must be deposited in EURO's Central Registry within a month of their being signed by the meeting chairman.
4. Membership is restricted to European Operational Research Societies which are full members of IFORS.