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FROM THE PRESIDENT

Under the burden of FEANI's historical course, which apart from success was not devoid of crises, entering the 21st century we should refer to the subjects and the topics which will be in the centre of the European engineers' and FEANI's interest for a long period in the future.

The unbalances appearing in the engineer's labour market as well as the lack of homogeneity in their education prevailing in Europe, are some of the subjects of a great concern, not only for the engineers' associations but also for the European Union authorities. The accelerated admission of "virtual" mobility cannot yet specify the future employment conditions of the profession.

The globalization of the economy has already broadened the horizon for the employment of European engineers inside and outside Europe and creates a new dimension for the profile of the engineer that is needed today and will be in the future. The efforts of the European Union and other European countries for the restructuring of the European higher education on a common basis, creates new facts for the education of the engineers in Europe.

FEANI, the European Federation of National Engineering Associations, which is in the core of the above mentioned subjects and has been the official interlocutor with the European Commission about all professional matters since 1991, has great potentialities of real intervention.

The Federation's structure will make FEANI more efficient.

The efforts till now have not been as systematic and intense as was demanded by the contemporary conditions. This was perhaps due to the inertia before the quick development of the global economy and the rapid progress of science and technology.

In that framework my chief concern will be intervention of FEANI on two main axes, in which FEANI, as well as each of our national members, will be able to take initiatives.

- ♦ The strengthening of the employment and the adaptation of engineers to the new market;
- ♦ The approach of the European engineers who originate from different educational



K. Alexopoulos

systems and exercise their profession under conditions which widely vary in the European countries.

The result of this effort we try to make should be the formation, within the bounds of possibility, of a unified profile for the high level engineer who lives and works in Europe, which will be adapted to the new reality of globalization of the economy and the speedy development of new technologies.

In this way the future European engineer will have the capability and the prestige not only to "move" without impediments within Europe but also to successfully "move" as a professional worldwide.

A prerequisite for this is of course the convergence of rules concerning the exercise of the profession and the removal of impediments to the free movement within Europe.

The formation of a clear image of the future profile of the engineer will also result from our participation in European Union programmes, concerning subjects such as: continuing professional development, tele-education, tele-working, promotion of the enterprising activities of the engineers with innovative actions etc. This will be achieved by a two-way impact and mutual acceptance of both the development framework assigned by the European Union's authorities and the determination, on the part of FEANI, of the characteristics which ensure a high level of scientific education, a social, cultural and environmental conscience of the engineers as citizens, producers and innovators in tomorrow's world.

For this new profile of the engineer of the future, we shall seriously take into account the pure scientific objects of the engineer and on the other hand, the qualifications now required, so that a better relationship between engineers and society is established. I refer to knowledge about economy, environment and its protection, civilization and historical heritage of societies, etc.

The "FEANI Register", which has been maintained in the Federation almost since its foundation, which consists of three parts:

- ◆ The "Guide to FEANI Register"
- ◆ The "FEANI Index" (a classified catalogue of the institutions of higher engineering education)
- ◆ The "EUR ING Directory"

is the most substantial tool of intervention in order to achieve our aims.

The renewal and updating of the FEANI Register, which means redefining the required level and extent of the engineer's education, as well as the criteria concerning their professional qualifications, can be the basis of the future profile of European engineers who will live and work within Europe and worldwide.

These aims and targets are in harmony with and particularize FEANI's strategy in general and will ask for the reorganisation of the Federation's structure so that the above mentioned aims will be more effectively approached and achieved, with the application of the subsidiarity principle and the decentralization of those activities that can be undertaken by the National Members.

K. Alexopoulos □

Condolences

Dr. Ing. José M. Coronado Varcacèl
Former President of FEANI
(1980-1983)

It is with great regret that we convey the sad news of the passing away of Honorary President Mr Coronado Varcacèl at the age of 83 years. Born in Madrid (Spain) in 1917, Mr Coronado Varcacèl was Dr Ing. in telecommunication. In September 1978 he was elected Vice-President of FEANI and from 1980 till 1983 he exercised the duties of President of FEANI. In the General Assembly, held in Paris in September 1983, he was nominated Honour President of the Federation.

He was also the Doyen of the Official College of Engineers in Telecommunication and the first President and honoured President of the Spanish National FEANI Committee.

FEANI is grateful for his commitments in the world of engineering which in many ways contributed to the development of the Federation.

We herewith express our condolences and sincere sympathies to his family. □

« eEurope : An Information Society For All »

An initiative launched by the European Commission for the Special European Council of Lisbon, March 2000

"eEurope - An Information Society For All" proposes ambitious targets to bring the benefits of the Information Society within reach of all Europeans.

This initiative comes within the scope of the Commission President's strategy to modernise the European economy. Mr. Prodi stated that « these changes, the most significant since the Industrial Revolution, are far-reaching and global. (...) Managing this transformation represents one of the central economic and social challenges facing Europe today. » It will impact profoundly on European employment, growth and productivity for the next five years and for decades afterwards.

The key objectives of the eEurope Initiative are :

- Bringing every citizen, home and school, every business and administration, online and into the digital age.
- Creating a digitally literate Europe, supported by an entrepreneurial culture ready to finance and develop new ideas.
- Ensuring that the whole process is socially inclusive, builds consumer trust and strengthens social cohesion.

The eEurope initiative will be implemented during the Portuguese presidency in cooperation between the Commission and the member states.

To achieve the above objectives, the Commission proposes 10 priority areas for action with ambitious targets to be achieved through joint action by the Commission, the Member States, industry and the citizens of Europe :

1. European youth into the digital age
2. Cheaper Internet access

3. Accelerating E-commerce
4. Fast Internet for researchers and students
5. Smart cards for electronic access
6. Risk capital for high-tech SMEs
7. « eParticipation » for the disabled
8. Healthcare online
9. Intelligent transport
10. Government online

Out of these ten areas, at least four are of immediate interest to engineers and engineering organisations : **1. European Youth into the digital age ; 3. Accelerating E-commerce ; 4. Fast internet for researchers and students ; 9. Intelligent transport.**

In the other six areas , engineers are no different from the public in general, apart from the substantial number of engineers who are a part of the IT business and are the enablers of the new technologies.

But, surprisingly, the role that the modern Information Technologies should play *in the European production process , upstream from the E-commerce*, is not mentioned in the list.

Considering the importance of this question for the Engineering Profession, it was felt that comments should be sent to the Commission in spite of the very short time available before the target date fixed for their acceptance.

(Text of the comments on p.3)

The text of the Communication of the European Commission can be found at the Internet address :

<http://europa.eu.int/comm/dg13/index.htm> □

Comments presented to the European Commission, Brussels 25 January 2000



European Affairs Committee

O/Ref.: EAC00-10 Rev

**Subject : EC Communication : "eEUROPE : An Information Society For All"
(IP/99/953 – 08 12 1999)**

COMMENTS

Since the end of 1996, the **European Affairs Committee** of FEANI (**EAC**) has oriented parts of its activities towards the expectable impact of modern Information Technologies upon the working practices of the Engineering Profession.

The Committee welcomes therefore the Communication issued by the European Commission and relies upon this powerful impulse for ensuring the success of its efforts in its particular field of interest.

It is surprising however that the enhancement of the role that the modern Information Technologies should play *in the European production process, upstream from the E-commerce*, was not included in the list of the proposed priorities.

Yet those technologies would allow to save not only money but - still more important - *time* devoted to travels, stays and meetings abroad.

Such savings, always beneficial, are *essential* for those professions which suffer a shortage of experienced practitioners.

This is the case with the European Engineering Profession. The industrial processes are rapidly changing from local work to multi-national cooperation. The 5 million engineers in Europe are crucial in this process. There is a shortage of qualified engineers and it is vital that all methods and tools to improve their availability are explored.

The extension of the practice of Telework - "virtual mobility" - as a normal working method - inside the engineering profession, (which is not regulated in all the countries), still meets many obstacles : legal, social, psychological obstacles, lack of corporate flexibility, of confidentiality, of an appropriate system for recognising professional qualifications....

The EAC is aware that the Commission has already tackled some of those problems, notably by proposing a Directive "on certain legal aspects of Information Society Services, in particular electronic commerce, in the Internal Market".

This proposal provides a frame which will be the basis of the provisions applicable by each profession, but an appropriate adaptation to their particular organisation will be necessary.

As for the engineers, a project has been presented to the Commission with the object to identify these obstacles which still refrain them from widely practising Telework. The results of this survey will be used for further analysis of actions to be taken by various actors to foster Telework.

It is clear that a great part of the tasks required by the application and adaptation of the legal texts to the specific cases of the different professions - jurisdictions, qualification, code of conduct, advertisement - will fall under the responsibility of their national professional associations and shall be coordinated by the competent international ones.

The EAC strongly recommends that FEANI be considered by the European Commission as an active partner in this extremely important development.

Extending as soon as possible the practice of Telework by the European Engineers will significantly improve the competitiveness of the European Industry and so contribute to the enhancement of the Internal Market and to a better standard of life in Europe.

LG de Steur
Chairman of the EAC

GENERAL ASSEMBLY 1999

Report on the FEANI Annual Business Meetings
in Crete
from 29 September to 1 October 1999

F EANI's Annual Business Meetings were held in Rethymnon, Crete from 29 September to 1 October 1999, hosted by the Greek National Committee for FEANI.

GENERAL ASSEMBLY

The General Assembly was chaired by the Acting President, Mr. Lafitte. Representatives from all member countries were present, except for Ireland, who was represented with proxy by the UK.

Other organisations were represented :

EURETA by Mr. Eppler
SEFI by Prof. Dr. Wolf
WFEO by Mr. de Boigne

For the first time, the Assembly was held in two sessions, one for general business and one for reflections and deliberations on important issues to be decided.

In the report of the Executive Board of FEANI on its management and on the federation's financial and general conditions, the Acting President informed about the facts resulting in the termination of the former Secretary's General work contract and in the resignation of the President and Vice President.

The Board has also re-defined the main objectives of FEANI in the framework of a new Strategic Plan with the help of the Standing Committees and contributions by member countries. In this context the Acting President made reference to the contacts maintained with the European Commission, in particular through the projects of **ICETEA** (Telework) and **EDWIN** (Education with Industry). Furthermore, the Board had proposed the improvement of the **INDEX** and the definition of new international criteria for the **EUR ING**. In this respect decentralisation and subsidiarity should be observed. Fair geographical representation in all FEANI instances and contacts with other organisations dealing with engineering in Europe was recommended. The Executive Board was congratulated on the report. However, a fast decision concerning the employment of a new Secretary General was requested. The Reports of the three Standing Committees were noted.



General Assembly

The report of the External Auditors was accepted and the accounts of 1998 with the establishment of the analytical accounting system were approved with applause. The budget 2000 based on a 2% increase of membership fees was accepted. Discharge of the Executive Board was granted, except for the former President, the former Vice-President and the former Treasurer, whose discharge was postponed to a later time.

A new membership policy in line with the guidelines proposed by the Executive Board with 8 criteria for membership acceptance and recommending a choice of members among those countries for which the EU has defined the sequence of potential accession in the EU was approved by the majority.

ELECTIONS

The new President, **Mr. K. Alexopoulos** (GR) and the new Vice-President, **Dr. Althoff** (DE), were elected by large majority. The co-option of the Board members, **Mr. Brikké** and **Prof. Shannon** until the day of the General Assembly and **Prof. Dr. Wolf** for the past year and the two next years was confirmed by the General Assembly.

Four new Executive Board members were elected : **Mr. Dahlsund** (DK), **Prof. Driensky** (SK), **Prof. Dr. Fluxá Ceva** (ES) and **Prof. Shannon** (UK). **Mr. Trolle** (SE) was elected as CPD Chairman. The Standing Committee members as proposed by their Committees were confirmed.

The **World Engineers' Convention** to take place in Hanover from 19-21 June 2000 was presented by Dr. Fuchs, Director of VDI.

The deliberations session about the **EUR ING 2000**, the Strategic Plan and the geographical balance resulted in the acceptance of the **EUR**

ING 2000 proposal and the Strategic Plan to be followed by an Action Plan 2000 including the review of the FEANI organisation structure, the review of Statutes and By-laws, the implementation of the new policy for Index, Register and **EUR ING** and the definition of projects for EAC and CPD with the implementation of a project management system.

The new President, Mr. Alexopoulos expressed his thanks to the General Assembly for his election and the Technical Chamber of Greece for their support and for the confidence thereby demonstrated to him to be able to face the challenge of bringing the engineers into the next century.

Executive Board

In their meeting on 29 and 30 September 1999 in preparation of the General Assembly the Executive Board discussed Finances, the Selection of a new Secretary General and the Change of Statutes. In follow-up of the General Assembly decisions the Executive Board held a meeting in the evening of 1 October and discussed in particular the procedure for the Change of Statutes and By-laws with a special Task Force as a first step in the implementation of the Strategic Plan and Action Plan 2000.

Secretaries General meeting

In their meeting on 30 September the Secretaries General considered the following issues: They proposed a system to ensure prompt payment of subscriptions. They also suggested a Task Force to contribute to the development of the FEANI web site. More use of e-mail was recommended for the cir-

ulation of FEANI documents. They discussed mutual services among the national associations. They recommended that By-law requirements for terms of office should be reviewed in order to obtain a better representation by practising engineers in FEANI committees. In future, the Secretaries General meetings are to take place after the General Assembly meetings.

EMC

In its meetings on 29 and 30 September the EMC discussed in particular the new concept **EUR ING 2000**, referring in detail to the proposal of the Executive Board to the General Assembly. The meeting was not only attended by the EMC members but also by some FEANI Executives. The necessity was stressed to implement substantial changes in standards and procedures with regard to the **EUR ING** designation in order to give it an added value. Among others the most important issues were increasing the requirement of international qualification, the improvement of the **INDEX** by inclusion of

more detailed information about the educational and professional systems in the member countries and the indication of different categories of professional engineers.

The result of applications checking has been superceded in the meantime by a subsequent EMC meeting in December 1999, so that at the time of publication of these News the FEANI Register lists a total number of **24.865 EUR ING**s.

CPD

The meeting on 29 September was marked by an exceptionally high attendance of 26 persons and was honoured at the beginning by the presence of FEANI Acting President Bernard Lafitte: he expressed the Executive Board's view that the CPD Committee was important for FEANI but that new orientations should now be defined. Role and action of the CPD Committee were then at the core of the discussions. Ivan Brikké defended the status of «Standing Committee» for the CPD Committee and, presenting the **EDWIN** Project of the **LEONARDO** Programme, which gained support of the European Commission end 1998 for 157000 Euros, argued in favour of having now the contract signed as soon as possible. Mr. Becks (DE) and Mr. Müller(CH) presented the **CPD website project** they were developing, urging participation from the CPD members to provide information. Prof. Kiss (HU), Mr. Müller, Mr. Trolle (SE) and Mr. Strand (NO) reported on **new CPD developments** in their respective country. This was followed by a presentation by Prof. Lajtha (HU) about **CPD adaptation to rapid changes in Hungary**. The meeting was closed after discussions on the necessity of keeping the CPD Committee as a Standing Committee within FEANI.

Open Door Working-Group meeting on ICE-TEA and EAS-E

The seminar on 30 September aimed at presenting the **ICE-TEA** (Impact of Information, Communication and Electronics Technology on the Engineers' professional Activities) project and the results of the first evaluation by the European Commission experts. The project is managed by Mr. Félix (FR) and the consortium is composed of delegates from France, Germany, Hungary, Spain and Sweden. After a fruitful discussion between the participants and the consortium, the continuation of the project (renamed **NICETEA**) was supported by all.

The seminar was followed by a meeting of the working group preparing the second project called **EAS-E** (Engineers' Access to online Systems for continuing Education) which is managed by Mrs Stricker-Berghoff (DE). The consortium to be established for this project will consist for the moment of six members from France, Germany, Hungary, Portugal, Spain and Sweden.

Next Annual Business meetings

The invitation of the German Member to the next annual business meetings to take place in **Germany, Hamburg**, during the week from **2 to 7 October 2000** was greeted with applause. The **2001** meeting will take place in **Luxembourg** and the **2002** meeting in **Cyprus**. □

LE RÉPERTOIRE FRANÇAIS DES INGÉNIEURS

Le Répertoire français des ingénieurs a été créé en 1998 par le CNISF.

Il a pour buts de:

- ◆ Renforcer la protection du titre d'Ingénieur Diplômé «ID» au sens de la loi de 1934;
- ◆ Proposer aux professionnels exerçant un réel métier d'ingénieur sans être passé par la voie du diplôme, une dénomination définie et reconnue par la profession;
- ◆ Faciliter une reconnaissance mutuelle des ingénieurs dans l'Union Européenne;
- ◆ Protéger l'appellation «ingénieur» d'usages abusifs.

Il dote la France d'une référence unique concernant les qualifications d'un ingénieur, acquises par divers degrés d'instruction théorique et de pratique professionnelle.

Il comporte plus de 370. 000 noms. Il est directement accessible sur Internet: <http://www.cnisf.org>

Qu'est-ce que le Répertoire français des ingénieurs ?

Le Répertoire est une liste professionnelle qui rassemble les personnes titulaires d'un diplôme d'ingénieur reconnu par l'État, et celles reconnues par le monde professionnel comme exerçant réellement un métier d'ingénieur.

Un **comité d'admission**, tripartite, composé de 18 ingénieurs ou scientifiques, personnalités représentatives des associations d'ingénieurs, des employeurs et des organismes de formation, décide de l'inscription sur le Répertoire et assure le contrôle de son utilisation.

- ◆ Les ingénieurs diplômés des établissements ayant reçu l'agrément de la Commission des Titres d'Ingénieur (CTI) sont dénommés **Ingénieurs Diplômés «ID»**.
- ◆ Les ingénieurs titulaires de diplômes universitaires d'un haut niveau scientifique sont dénommés **Ingénieurs Reconnus d'origine Scientifique «IRS»**(Les ingénieurs titulaires de di-

plômes étrangers peuvent, sous certaines conditions, être reconnus ID ou IRS).

- ◆ Les ingénieurs ayant reçu une formation initiale plus brève, mais qui ont été reconnus par leur entreprise et par leurs pairs, sont dénommés **Ingénieurs Reconnus «IR»**.

L'inscription est à vie, sauf retrait demandé par l'intéressé, ou le Comité d'admission.

Le classement entre ID, IRS, IR, peut être ultérieurement modifié (obtention d'un nouveau diplôme, par exemple).

Le Répertoire a été déclaré auprès de la Commission Nationale de l'Informatique et de la Liberté (CNIL).

Pourquoi un Répertoire ?

Les ingénieurs constatent, actuellement, un désordre certain dans les appellations qui les concernent, tant légales que coutumières. Leurs partenaires et les employeurs, en France et à l'étranger, peuvent aisément confondre ceux qui pratiquent vraiment le métier d'ingénieur et ceux qui n'en ont ni la formation, ni les compétences mais en utilisent l'appellation.

L'inscription sur le Répertoire, tout en confirmant la valeur des diplômes d'ingénieur, prend en compte les connaissances théoriques, les compétences professionnelles et l'expérience, la pratique et l'exercice de responsabilités scientifiques, techniques et humaines.

Le Répertoire a vocation à rassembler tous les véritables ingénieurs y compris ceux qui exercent en indépendants, ceux qui travaillent à l'étranger et les ingénieurs étrangers travaillant en France.

- ◆ Il offre au monde des entreprises, en particulier aux responsables des ressources humaines, une référence professionnelle. Il conforte la position d'ingénieurs compétents, pas forcément diplômés, reconnus de leur entreprise ; il peut aussi faciliter la mobilité professionnelle inter-entreprise.
- ◆ Il offre au niveau européen une reconnaissance de l'ingénieur français dans le contexte économique mondial. Il permet d'affirmer la valeur et la compétence de l'ingénieur français dans les négociations avec les institutions étrangères. Il a vocation à faire autorité sur le plan européen dans le respect de la norme EN 45013.

Comment fonctionne le Répertoire ?

Le Répertoire est une base de données, accessible par Internet :

<http://www.cnisf.org>

(Suite p. 9)

EAC : NICETEA, a project presented by a working group on Telework

Project proposal N° IST-1999-20515 delivered to EC on 17.1.2000
Accompanying measure to action line II.1.1

Acronym: **NICETEA** (*Novel Impact of Information, Communication and Electronics Technology on the Engineers professional Activities*)

1-Project Summary :

The overall objective of **NICETEA** is to support the extension of the transborder Telework practice in European industry and services especially for engineers.

The industrial practices are rapidly changing from in-house/national to multi-national cooperation. Five million engineers in Europe are concerned by this change. There is a shortage of qualified engineers and all methods and tools to improve the access to their knowledge and expertise must be explored, including Telework.

The European associations of engineers are aware of the challenge brought by these new practices. They want to analyse further the specificities of the engineers transborder Telework not yet covered by general studies already available. There is a real need to check the opinion on the advantages of Telework to increase efficiency and individuals' social well-being. Obstacles, driving forces and new work organisation will be identified, and a track to overcome them worked out.

The **NICETEA** Project team is composed of 3 main participants (**CNISF** the Coordinator from France, **VDI** from Germany, and **TUB** from Hungary) chosen among the Network of 27 national engineers organizations in Europe, and a subcontractor the European Federation of National Engineering Associations (**FEANI**). The Project will use broadly this Network for inquiry and further validation of the conclusions.

2-Project duration and consortium :

participants :

CNISF	Conseil National des Ingénieurs et Scientifiques de France
Subcontractors	FEANI and several countries of Europe
VDI (Germany)	Verein Deutscher Ingenieure
TUB (Hungary)	Technical University of Budapest
Project duration: 18 months	
Expected start: mid. 2000	

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CPD : Information on LEONARDO DA VINCI II

Contact and information days, 27-28 January 2000

The five-year Leonardo da Vinci programme, which was the EC's first activity in the area of vocational training, expired on 31 December 1999. The programme is renewed for 7 years with Leonardo da Vinci II, beginning on 1 January 2000. About 1800 persons attended the first contact day on 27 January and attended the opening session of this 2nd phase that will last until 2006 and regroups 31 countries. With simplified rules and a budget of 1.115 billion euros, the new programme should offer even more possibilities than the first one.

This new phase is founded on three objectives :

1. Improving the skills and competences of people, especially young people in initial vocational training ;
2. Improving the quality of continuing vocational training and the lifelong acquisition of skills and competences ;
3. Promoting and reinforcing the contribution of vocational training to the process of innovation with a view to improving competitiveness and entrepreneurship.

Implemented by 5 measures :

1. **Mobility** - to develop the opportunities to undertake training abroad ;
2. **Pilot projects** - to develop innovation and quality in professional training ;
3. **Language competences** - to widen knowledge of languages and culture in the work environment ;
4. **Transnational networks** - to facilitate exchange of experience and good practices ;
5. **Reference material** - to collect comparable data on the systems, arrangements and practices in the field of vocational training.

The Commissioner Viviane Reding, responsible for Education and Culture, emphasised both the continuity and renewal of the orientations and work methods with the aim of achieving an educational and cultural European area.

The Continuing Professional Development Committee (CPDC) of FEANI is already involved in some Leonardo projects (PROGRES, CPD Standards Project, EuroRecord, EuroPro...) and Leonardo da Vinci II is obviously a new potential to be explored.

Website : <http://europa.eu.int/en/comm/dg22/leonardo.html>

Cathy Varin

SOCRATES II

A Thematic Network proposal on
 “Enhancing Engineering Education in Europe”.

The Chairman and Legal Representative of this project is Prof. Claudio BORRI, of the University of Florence (Italy) and the Coordinator is Prof. Francesco MAFFIOLI, of the Politecnico di Milano (Italy). So far, 81 institutions have signed a “declaration of interest”: Engineering Schools, Associations of Students and Professionals from all EU countries. Apart from Universities, the signatories include FEANI, CLAIU, BEST, SEFI and IACEE.

The tentative starting date is 1st September 2000, and a Bureau, a Management Committee and an International Advisory Board will be constituted. The total cost of the project is estimated at 1M. Euro / year for 3 years, of which 0.7M. Euro will be covered by the University of Florence, by participating Institutions mainly in travel expenses and academic staff time, and by some authorities such as the Region of Tuscany and the City of Florence.

The goal of this Thematic Network (TN) will be, broadly, to enhance the many diverse routes to the profession of Engineer which exist in Europe and, hence, by improving compatibility, to facilitate greater mobility of skilled personnel and integration of the various situations throughout Europe. It must be emphasized that, according to the spirit of the Bologna Declaration, enhanced compatibility does not imply necessarily greater uniformity, and is certainly not intended to lead to a reduction of standards to the best common level that can be found. Rather it is envisaged that wide visibility of examples of and recommendations for good practice will allow recognition based on mutual understanding and respect.

The University of Florence has a comparatively young engineering faculty, thus facilitating the acceptance of its co-ordination role by more famous institutions of Europe. On the other hand it is also an institution of great traditions and with a strong international component, as can be appreciated considering that it managed the largest Institutional Contract within Socrates I. The University of Florence has also a strong commitment to *innovation*, and an important budget dedicated to this,

a fact reflected by the existence of the position of Pro-Rector for Innovation : this is part of the productive environment in which the TN management will be operating.

The project has been split into 5 activities : a group will be formed for each activity, which will organise its work within the deadlines of the whole project.

Activity 1 – Employability through innovative curricula

Lead Institution proposed :
Techn. University of Delft

Associations principally involved :
BEST / SEFI

Activity 2 – Quality assessment and transparency for enhanced mobility and trans-European recognition

Tasks – (1) Establish lists of requirements for engineering degrees, distinct by branches and types. (2) Establish procedures of quality control of study courses and assessment of achieved competencies. (3) Run pilot projects and collect examples of good practice. (4) Compare contents and loading of similarly named courses in different Institutions. (5) Promote and support initiatives for quality control and assessment, in synergy with professional organisations, National Agencies and other European bodies.

Lead Institution proposed : Università di Roma “La Sapienza” / Politecnico di Torino

Associations principally involved :
CESAER / SEFI / FEANI / CLAIU

Activity 3 – Continuous professional development

Tasks – (1) Monitor actions already established. (2) Collect examples of good practice in the development of Continuing Education opportunities. (3) Assess the role of Research as a component of HEE (Higher Engineering Education). (4) Produce guidelines for the development of good learning initiatives in HEE Institutions. (5) Help developing a learning culture in the enterprises.

Lead Institution proposed :
Universidad Politecnica de Valencia

Associations principally involved :
SEFI / IACEE / FEANI

Activity 4 - Enhancing the European dimension

Tasks - (1) Identify tools for introducing international component in HEE. (2) Study the current hindrances on international employability. (3) Establish projects targeted to international students team work. (4) Study the structure of European work environment and its perspectives for estimating real needs in this field.

Lead Institution proposed :
University of Surrey/Université d’Angers

Associations principally involved :
BEST / SEFI

Activity 5 – Innovative learning and teaching methods

Tasks – (1) Actions to facilitate distant learning. (2) Study the impact of computer assisted learning. (3) Study the role of multi-media courseware in European HEE Institutions. (4) Learning through design. (5) Monitor the evolution towards a free market of learning opportunities. (6) Formation for entrepreneurship.

Lead Institution proposed :
Helsinki University of Technology

Associations involved :
BEST / SEFI

There are several aspects which are common to all Activities and having them under the same TN will obviously imply economies of scale in terms of the efforts required. Among these the networking aspect virtually encompassing all institutions of HEE in Europe must be given the highest priority. One key tool for this kind of action is the implementation and maintenance of the Internet site of the TN. Another transversal activity is the managing of the publications coming out of the various Activities. Of paramount importance will also be the organisation/participation to conferences and seminars during the life of the TN, also including intensive workshops collecting teachers and students for experimenting innovative learning tools and systems as well as the IBS initiatives of BEST. A final transversal activity will be concerned with the internal evaluation and quality control of the TN.

GERMANY

DVT UND SCHÜLERWETTBEWERB

Der Deutsche Verband Technisch-Wissenschaftlicher Vereine als das Deutsche FEANI-Mitglied beteiligt sich seit 3 Jahren gemeinsam mit dem Zeitschriftenmagazin FOCUS und anderen Institutionen am Schülerwettbewerb "Schule macht Zukunft". Ziel dieses Wettbewerbs ist es, technisch-naturwissenschaftliche Projekte, die Schüler insbesondere an Gymnasien durchführen, mit Preisen auszuzeichnen. Auch im Schuljahr 1999/2000 wird sich der DVT wieder an diesem Wettbewerb beteiligen. Der DVT-Vorsitzende Prof. Dr. Joachim Treusch ist Mitglied der Jury.

In diesem Jahr heißt das Thema "Fit for Future". Hier geht es darum, wie moderne Technologien, innovative Konzepte und neuartige Methoden unsere Zukunft beeinflussen werden. Schüler und Lehrer sind eingeladen, die Innovationen zukunftsorientierter Industriezweige zu entdecken: in Form von neuen Produkten und Dienstleistungen, konkreten Auswirkungen auf Arbeit und Gesellschaft und visionären Ideen.

Der erste Preis wird für die Projektgruppe eine USA-Reise nach Colorado zu Top-Forschungsstätten sein.

In der Feierstunde zur Verleihung des letztjährigen Preises betonte der DVT-Vorsitzende Professor Treusch in seinem Grußwort, daß Kreativität und Innovationsfreude bei der Jugend zu fördern für unsere Gesellschaft keine Modeerscheinung sei, sondern eine Herausforderung, um Fragen der Zukunft beantworten zu können und Probleme zu lösen. Er wies außerdem darauf hin, daß das deutliche Zurückgehen der Studienanfängerzahlen in Ingenieur- und Naturwissenschaften in

Deutschland alarmierend sei. Ein solcher Wettbewerb kann dem entgegenwirken, denn Innovation und die Fähigkeit zu kreativem Handeln sind keine Frage des Alters oder der Berufsausübung. Der Wettbewerb wird ferner auch für ein technisches Studium motivierend wirken.

Dr. Jörg Debelius □

HUNGARY

60 years Continuing Professional Development in Hungary

The special session commemorating the 60th anniversary of the foundation of the Institute of Continuing Engineering Education of the Budapest University of Technology and Economics was a great event of continuing engineering training in Hungary. There were more than 200 participants. The celebration included the opening ceremony of the 1999/2000 jubilee academic year for continuing engineering training and introduced its further events.

The first speaker, Minister of Economy, represented the Hungarian government. As most authentic personality from the viewpoint of the individual and joint professional development of engineers, he explained that the importance of continuing professional development and preferences for life-long learning are to be particularly enhanced by accelerating technical developments at the turn and in the first decades of the 21st century. In his presentation, illustrated by a number of specific examples, he ensured government support to realize these objectives.

Further presentations included :

- The role of continuing engineering education in maintaining the competitiveness of technical professionals in Hungary ;
- Development of continuing training methods ;

- Expectations and demands of multinational companies as regards continuing engineering education in Hungary.

Nostalgia, of course, was also part of the session. It reverberated in the history of the Institute, being founded in a university framework for the first time in Europe, and commemorated several scientists who won the Nobel Prize as well as internationally recognized experts from Hungary and abroad, all of whom participated in continuing professional education of engineers.

There were two presentations on short-term and long-term future tasks, respectively.

It also added to the splendor of the celebration that European Engineer's and European Engineering Educator's degrees were conferred the first time jointly by Austrian representatives of FEANI and IGIP.

Dr. Iván Kiss □

International Affairs

The Engineering Council(UK) was represented at the 1999 meetings of the Washington Accord, the **Engineers Mobility Forum (EMF)** and the Ottawa Agreement. The Washington Accord consolidated agreements on mutual recognition of accreditation processes for the eight countries involved. In addition, South Africa has been formally admitted to the Accord. The EMF made progress towards a better understanding of equivalences between registration processes, particularly automatic international recognition of Chartered Engineers who have gone through a process of assessment against defined occupational standards. The USA has found itself unable to progress its own involvement, however. The Ottawa Agreement – which will lead to easier recognition of Incorporated Engineers in, initially, five Washington Accord countries, was ratified for future implementation.

Further information:

from the Engineering Council "The Bulletin" **Liz Harries**
staff@engc.org.uk
<http://www.engc.org.uk>

GERMANY



Lifelong Learning for electrical engineers

In the age of globalisation and worldwide information exchange our knowledge-based society relies increasingly on the latest scientific findings and their application possibilities. The growing dynamism of technical development means that knowledge becomes obsolete faster than ever before. A professional engineer can only be successful in this race against time if he or she takes the initiative to acquire new knowledge. Independent, skills-enhancing and continuous learning is increasingly becoming a standard part of an engineer's working life and therefore a major factor in career success.

The VDE and Lifelong Learning

Further vocational training for electrical engineers has been added to the already wide range of specialist conferences and courses organised by the VDE. The main aim here is to explore topics relating to key technologies which the VDE considers to be of prime importance for engineers today. Through its four specialist societies and its various committees the VDE has access to a large number of channels which it can exploit for information on the latest trends and issues. In addition to the relevant contacts, the VDE has the necessary know-how and organisational infrastructure to run courses and conferences.

The fact that the VDE is independent of all manufacturers and suppliers guarantees that the overviews and evaluations the course participants receive are objective.

The wide variety of events ranges from conventional 'live' lectures through to the use of new media as in the VDE Internet course.

The topics offered reflect the various specialist societies of the VDE. For example, the current programme features lectures on new power electronics components from the field of power engineering, and fieldbus technology from automation engineering. These courses are 2-day events with a modular structure, i.e. they are largely independent of each other. The various modules include theoretical basics, in-depth analyses and also practical applications.

In the field of IT the VDE has set up an Internet study course in conjunction with the Chemnitz Technical University; here the Internet is both the subject of the course and also the learning medium. The course started in November with considerable success. The first introduction was held as a lecture but over the following 6 months the participants will learn the basics about the Internet and its technologies with the Internet itself being used as the teaching medium. During the course the participants will be supervised by Internet specialists in "virtual seminars" via e-mail. The course content is regularly adapted to ensure that it is completely up to date. A further IT course is the planned seminar on UMTS (Universal Mobile Telecommunications System). This new standard extends the current use of mobile telephony to include multimedia data.

In all these courses the main emphasis is on guaranteeing high quality standards. The subject matter is dealt with at university level and assumes an engineering degree background. The VDE co-operates with universities, *Fachhochschulen* (universities of applied science) and similar institutes.

Outlook

Changes in the labour market concerning the quantity and quality of positions offered are largely due to the widespread introduction of new Information Technologies. The VDE takes full account of this trend and designs its further training courses accordingly. The range will also be extended to cover microelectronics topics.

M. Schanz, C. Rusteberg □

(Suite de la page 5)

"LE RÉPERTOIRE FRANÇAIS DES INGÉNIEURS"

Comment fonctionne le Répertoire ?

1- L'inscription sur le Répertoire

L'inscription est de droit pour les ingénieurs diplômés au sens de la loi de 1934. Ils sont inscrits automatiquement par leur association d'anciens élèves si celle-ci existe et si elle est membre du CNISF. Cette association est alors «association de référence».

Les autres professionnels susceptibles d'être concernés, notamment ceux non titulaires d'un diplôme d'ingénieur, doivent présenter un dossier de candidature par l'intermédiaire d'une «association de référence», nationale ou régionale, membre du CNISF:

- société scientifique et technique,
- association associée au CNISF,
- union régionale d'ingénieurs et de scientifiques (URIS).

Le dossier de candidature, parrainé par deux ingénieurs membres d'une association de référence et déjà inscrits sur le Répertoire, est contrôlé par l'association de référence, qui le transmet au comité d'admission. Celui-ci décide en dernier ressort.

Pour les ingénieurs étrangers, les procédures d'inscription font l'objet d'accords bilatéraux.

2- L'utilisation du Répertoire

Le Répertoire affiche le nom et le prénom, le type d'inscription (ID, IRS, IR), l'association de référence de chaque inscrit. Pour les ingénieurs diplômés, apparaissent également l'école ayant délivré le diplôme, ainsi que l'année de promotion. Un lien permet d'avoir accès à des informations complémentaires sur le site Internet de l'association.

Chaque association de référence peut faire apparaître ses informations propres: adresse, numéros de téléphone et de fax, adresse électronique.

Des renseignements complémentaires peuvent être ajoutés sur chaque fiche individuelle :

- connaissance des langues étrangères,
- domaine d'activité principale actuelle,
- fonction actuelle,
- principales compétences scientifiques et techniques,
- région.

Ces renseignements complémentaires sont mis à jour par chaque ingénieur sous le contrôle des associations de référence qui disposent des codes confidentiels propres à chaque ingénieur.

IMPORTANT : Le répertoire ne donne pas les adresses postales et téléphoniques des intéressés. Seule l'association de référence en dispose et peut éventuellement les communiquer.

ITALY

THE ITALIAN REFORM AND ITS IMPACT ON THE ENGINEERING PROFESSION

To harmonize the European University paths : the "Regolamento in materia di autonomia didattica degli Atenei" (**Regulation relevant to the Didactic Autonomy of Universities**), published in the Official Gazette n. 2 on 4 January 2000, represents a fundamental step of the University Reform whose criteria were defined in the Agreement of Sorbonne and, later, in the Joint Declaration of Bologna.

The Reform will involve all the faculties, will reduce Engineers' average age of entrance into the labour market, by making the study paths nearer to the renewed needs of the professional contest and, at the same time, assuring their harmonization at the European level. However, the Italian Reform does not provide any rule relevant of the Esame di Stato (the professional qualification required to be enrolled in the Albi) for the three-year Engineers, called Diplomatici in the old system and Laureati in the new one.

Beyond the harmonization with the other European paths, and the need to meet the market demands, the Reform has another purpose : to reduce the number of students leaving the University before taking their degree and the real duration to achieve the academic title.

The academic formation credit, i.e. "the evaluation of the volume of learning required to students, including their individual study" (RAU art. 5, comma 1) becomes the new unit of measure of the formation path; the completion of the study course and the achievement of the title depend on the credits. It is a homogeneous measure independent from the path followed; the achievement of the minimum required number of credits determines the completion of the academic formation. The Italian Reform provides for formation activities together with the Credit system.

The new Regulation introduces first level and second level titles: a diploma after three-year course (**Laurea – 180 credits**) and the two-year specialization course, following the first level diploma (**Laurea Specialistica – further 120 credits**).

Thus, remarkable changes in comparison to the old system which provides for two paths in parallel, one leading to the Laurea (five years) and the other one leading to the Diploma Universitario (three years).

Which are now the formation targets in the Engineering sector ?

The main purpose of the new first level degree (Laurea) is to form professionals at the academic level, able to understand and manage innovation, to cover medium – high enterprise profiles.

As concerns the new second level degree (Laurea Specialistica) instead, the target is the formation of professional personalities with a high cultural background, able to set up and manage complex planning activities.

Chiara Battistoni □

UNITED KINGDOM

ENVIRONMENT AWARD FOR ENGINEERS (Press review)

A revolutionary **Friction Stir Welding** technique for the welding of aluminium alloys won two engineers from The Welding Institute the UK's foremost environmental honour – the Engineering Council's 1999 Environment Award for Engineers, beating more than 100 other contenders. The TWI team received the £3.000 prize and the Lloyd's Register Trophy in London on October 12 from Jonathan Porritt, Director, Forum for the Future. They were also class winners of the British Energy Trophy for Sustainable Engineering, for which they received an additional £2.000. Further information: Hannah Reynolds +44 20 7557 6438 from the Engineering Council "Bulletin". □

European congress in Luxembourg on "New jobs in the Information Society"

A conference on "New jobs in the Information Society" will be held in Luxembourg on **20 and 21 March 2000**. The event is organised by ALTA (Association Luxembourgeoise des Téléactivités) with the support of the European Commission and the Luxembourg Government. The congress aims to evaluate the present situation in job creation and new professional profiles which have been generated by the emergence of the Information Society.

The congress will focus on the following themes :

- The economy and the future;
- New job profiles;

ACA Papers on International Cooperation in Education

The **Academic Cooperation Association**, a Brussels-based umbrella organisation of important internationalisation agencies from Europe and beyond, has launched a new series of publications, the "ACA Papers on International Cooperation in Education". The two first issues appeared in December 1999. They are devoted to different aspects of internationalisation in the tertiary sector of education.

Internationalisation in Higher Education consists of an overview paper which presents and analyses the main issues, motives, policies and activities in international academic cooperation. This paper, which also contains a case study on European educational integration, is complemented by seven essays on individual issues in international education, such as quality assurance, marketing, or the role of the university leadership in a process of internalisation.

Internationalisation in European Non-University Higher Education explores international collaboration in Europe's non-university tertiary sectors' institutions. It consists of reports on the state of development in international relations of tertiary institutions outside the university sector from 15 European countries, as well as of thematic papers which deal with individual aspects such as curriculum reform, mobility or recognition in a cross-European perspective. No. 3 of the ACA Papers, a **Handbook on European Associations in Education**, will come out this summer.

For more information, consult the ACA website under :

<http://www.aca-secretariat.be>

- Challenges for education and training;
- Impact on employment

The concluding panel will draw together the key findings of the congress, which will be forwarded to the "Special European Council on employment, economic reform and social cohesion – for a Europe of innovation and knowledge" (Lisbon 23 and 24 March). They will reflect the resolutions adopted in terms of support policies for innovative actions and measures for change underpinning the further development of an effective and equitable Information Society.

For further information : ALTA Congress, 4 rue Jos Felten, L-1508 Howald, Tel : +352 401 162 253, Fax : +352 401 162 331, alain.stern@ip.lu <http://www.alta.lu/congress> □

DENMARK

European Environment Awards 1999 – 2000

The Society of Danish Engineers is hosting the Danish national part of the EU Environment Awards in cooperation with the EU-Commission, The Danish Ministry of the Environment and UNEP. The national jury have now found five projects to award within the categories "Clean Technology", "Good Environmental Management" and "Design of Green Products". The awards will be presented by the Danish Minister of the Environment, Mr. Svend Auken, at a ceremony which will take place in the house of The Society of Danish Engineers on 29 February 2000. The award ceremony will be one of approximately 700 events, conferences, professional meetings etc. arranged by IDA in 2000. The international award ceremony will take place in Brussels in October 2000.

For further information please contact **Charlotte Faber**, cf@ida.dk. □

The Best Danish Engineering Project of the 20th. Century

To celebrate the millennium, the technical board of The Society of Danish Engineers has decided to award the most important or most interesting engineering project of the 20th. century. The 20th. century no doubt represents the most important century for the technological progress and will have big influence on human life for the future. Engineers play an important role in the development of all kinds of technological solutions. The board will call in proposals among its members and among the public in general on which engineering project, with connection to Denmark, have had the most important impacts for the modern society. A jury representing all branches of technological knowledge will award the best proposal by the end of 2000.

For further information please contact **Stefan Garvig**, sga@ida.dk. □

Conference on Automated People Movers

The 7th International Conference on Automated People Movers' 99 (APM'99) was held in Copenhagen, 5-8 May 1999 and hosted by The Society of Danish Engineers, IDA. As a result of the current APM initiatives in Copenhagen, e.g. the Copenhagen Metro project, the theme of the conference was "APMs in Urban Development", and therefore, many papers discussed subjects related to urban infrastructure and planned urban districts. The papers presented the most ad-

vanced research and experience on a broad range of APM topics. The papers were divided into three sections - one related to "Technique", a second to "Financial Circumstances and Organisation", and a third to "APMs in Society". The Conference programme also included an exhibition at the IDA-House.

For further information please contact

Lars Trock, lm@ida.dk. □

The Society of Danish Engineers implements an environmental management system

In 1998 the Society of Danish Engineers (IDA) built a new domicile on 11.000 M2 at the Copenhagen harbour front. In the projecting phase and during the building of the domicile extensive environmental considerations were taken into account. The domicile is equipped with solar cell panels, low U-value windows and the indoor climate was taken into consideration by the choice of environmentally friendly paint and materials. The Society of Danish Engineers has decided to implement an accredited environmental management system for the daily operation. Approximately 200 people are working in the building and during a year approximately 30.000 people visit the house for meetings, conferences etc. Optimizing the energy consumption for heating and ventilation, waste sorting and purchasing are in focus. Management and employees training, awareness and competence are central to the project. The environmental management system follows the specification and guidance of ISO 14001. The aim is to receive certification within one or two years.

For further information, please contact

Karl Aage Hagelund, kah@ida.dk. □

SWITZERLAND

EUR ING CLUB SCHWEIZ

DIE AKTIVITÄTEN DES EUR ING CLUB SCHWEIZ IM JAHR 2000.

- 5. Generalversammlung in St. Gallen am 18. März 2000 im Pfalz Keller des Regierungsgebäudes.

Nach den statutarischen Traktanden sind zwei Referate vorgesehen zum Thema Aus- und Weiterbildung :

Prof. Dr. Walter Schaufelberger, ETH Zürich und Präsident der SEFI "Entwicklung der europäischen Aus- und Weiterbildung und der EUR ING 2000".

Heinz Müller, EUR ING, Ing. STV, Mitglied der CPD "Das Programm der Kommission CPD"

Anschliessend Besichtigung der Kommandozentrale der Kantonspolizei St. Gallen. Pfalz Keller und Kommandozentrale sind Bauten des bekannten Ingenieurs Dr. Santiago Calatrava. Die Kommandozentrale verfügt zudem über ein modernstes Kommunikationssystem.

- Mit der Unterstützung der Schweizerischen Akademie der technischen Wissenschaften, SATW, werden Treffen organisiert mit dem EUR ING Club Austria und dem EUR ING Club France. Mit diesen beiden Organisationen bestehen bereits erste Kontakte, die nun in diesem Jahr verstärkt werden sollen. Es ist ein wesentliches Anliegen der EUR ING Clubs, die Kontakte zwischen den Mitgliedern zu ermöglichen.

Das im März 2000 erscheinende Mitgliederverzeichnis des EUR ING Club Schweiz soll diese Verbindungen ermöglichen.

Weitere Informationen sind erhältlich über: <http://www.EURINGCLUB.CH>

Santiago Schuppisser Arch. EUR ING

Präsident Tel/Fax +41 52 364 22 55 □

FORTHCOMING EVENTS - CALENDAR 2000

27-30 March

IGIP 2000 "Unique and Excellent", Engineering Education in the 21st Century, Biel, Switzerland
 Conference Home page:
<http://www.hta-bi.bfh.ch/IGIP/>

9-14 April

"Engineering Education for Global Practice in the 21st Century – Accreditation and Assessment", Engineering Foundation Conference in Tuscany, Italy.
 For further information: gaston.wolf@zhwin.ch

6-9 June 2000

The 3rd International KTH Conference "Educating the New Engineer" at Royal Institute of Technology, Stockholm, Sweden.
 For further information :
 Dr. Sören Törnkvist, tornkv@hum.ket.kth.se

19-21 June 2000

"World Engineers Convention EXPO 2000", Hanover, Germany
Man – Nature – Technology
 Topics : Areas of Information and communication, future of work, mobility, environment, climate, health and energy
 Contact : VDI Association of Engineers,
<http://www.vdi.de/wec>

6-8 Sept 2000

SEFI 2000 (28th Annual conference)
 "The Many Facets of International Education and Engineers"
 Paris, France

Topics :

- The basic education of an Engineer
- The formation of Engineers for the international dimension of their trade
- The impact of international formation on the training of engineers
- International co-operation between institutions
- The global market of engineering education

Contact : Françoise Bourgain
bourgain@paris.enpc.fr
 Fax : +33 1 44 58 28 30

12-14 September 2000

5th World Congress of the WFEO on "Engineering Education and Training for the 21st Century Requirements", Warsaw, Poland.
 For further information:
 Mr. Stanislaw Konieczny fsntnot@medianet.com.pl

8-10 October 2000

The second European Engineering Forum, Budapest, Hungary
 Topics : Actual problems of engineering profession, engineering education, tendering procedures, laws concerning the engineering activity.
 Further information :
 The Hungarian National Committee for FEANI, Goldman tér 3,
 HU- 1111 Budapest,
 Fax : +36 1 463 2470 ,
 The TRIVENT Office, Szamoca u. 6/b, HU-1125 Budapest
 Fax : +36 1 214 6098
trivent@mail.elender.hu
<http://www.kth.se/conferences.html>

22-24 November 2000

The 3rd Conference of Mineral Wealth is organised by the Technical Chamber of Greece in Athens with international participation and with the general subject : "Mineral wealth, Mining Works, Metallurgy"
 For further information : Tahmintzoglou Sofia, Tel : +30 1 323 5779, Fax : +30 1 322 2832,
 Email : notina@central.tee.gr



Isabelle VANDENBERGHE

joined the FEANI team in Brussels as Public Relations Secretary on 1st September 1999. Formerly she was a classical ballet dancer

and her international career in different companies world-wide, gave her the opportunity to become acquainted with many cultures and languages. After a successful conversion to secretarial and computer studies, she has acquired the necessary skills and competence to deal with all FEANI publications.

Have we got your correct address ?

Feani News is mailed to, among others, all EUR INGS, to the address in the FEANI Register.

If this issue has reached you at a changed address, or if the details on the mailing label are incomplete, please send your correct details to :
 FEANI, Ms Isabelle Vandenberghe, rue du Beau Site 21, B-1000 Brussels
 Tel : +32 2 639 03 94,
 Fax : +32 2 639 03 99
isabelle.vandenberghe@feani.org

EurActiv's free services
<http://www.euractiv.com>

EurActiv is a new media on EU affairs. It combines online technologies with a novel approach to EU policy reporting. The "community of EU Actors" is EurActiv's core target, grouping industry federations, corporations, professionals, EU institutions, media....

Its pilots services put together three different services :

- Polis** – daily news and links on EU affairs,
- Focus** – Process overviews, positions of "EU Actors" and summaries,
- Guide** – already the largest directory of EU Affairs online for free.
 More than 10 000 contacts.

An interesting new site of worldwide design and construction web sites may be of interest to our members. The Portal Site is : www.BuiltWorldwide.com, and the other sites within the suite are :

- www.ArchitectsWorldwide.com
- www.BuildersWorldwide.com
- www.ContractorsWorldwide.com
- www.DesignersWorldwide.com
- www.EngineersWorldwide.com
- www.SurveyorsWorldwide.com