

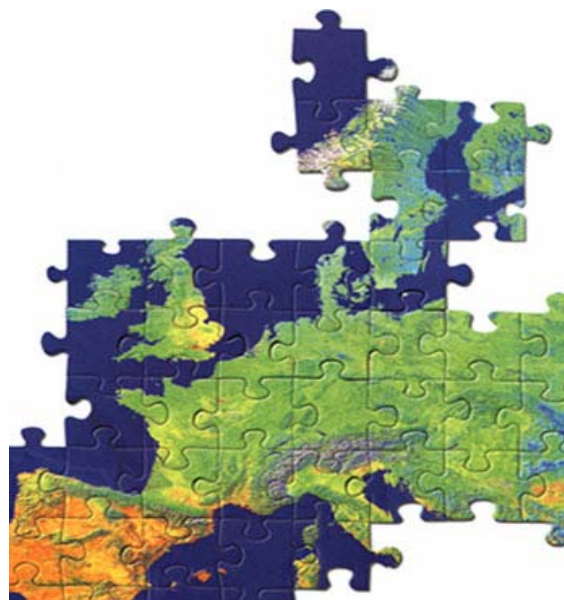
# eye - Contact

Issue 5 17 July 2003

The Journal of the European Young Engineers

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**Insight EYE**

**EYE Helsinki – news from the council meeting**

At the beginning and at the end of each EYE conference the council meetings, a kind of general assembly of EYE take place. All the relevant decisions for EYE are taken by the EYE council. Each member organisation has one seat and one vote in the council. In Helsinki the following main issues have been discussed, the full text of the minutes is available on the eye webpage ("Archive").

- Lise Molander, the current **Secretary General** of EYE has send her regards and announced her wish to step down as the General Secretary at the next council meeting in Cologne as she is giving birth to a child at the end of the year.
- The **Evaluation of the conference in The Hague** has been presented

The EYE action plan as the result of a brain storming and subsequent work of the EYE Task Force in January has been discussed. The Council approved the action plan and fosters its implementation (see article in U&EYE)



*Italy a new member? – Daniela Donadoni and Marco Ippolito from CNI, Italy*

- The Norwegian representative from NITO explained that the board of NITO has changed and that a potential application has to be re-discussed. The council confirmed the decision from the last council meeting in The Hague:

***NITO will be invited to become member of EYE. The only necessary step is to sign the statutes and send them back to the Office Brussels.***

- The Italian representatives presented the structure of the engineering associations in Italy with the national roof organisation CNI (National Engineering Council). The Council took the following decisions:

***CNI will be invited to become member of EYE. The only necessary step is to sign the statutes and send them back to the Office Brussels (unanimous decision).***

- The application of FNTS was discussed and a major-

ity of council members stressed that EYE needs to be open for new members of the CEEC in view of the upcoming enlargement of Europe even if they currently may have limited resources.

***The application of FNTS has been accepted. The only necessary step is to sign the statutes and send them back to the Office Brussels (10 votes in favour of the proposal, one against).***

- **EYE Task Force:** Mariska van Cronenberg is the elected new member of the task force. For the next period the task force consists of Roger McLaughlin, Björn Wiemers, Mariska van Cronenberg, Lise Molander, Philipp Brzenczek and Jörg Niehoff.
- **Secretary General:** Roger McLaughlin was proposed as the successor of Lise Molander as the General Secretary of EYE. He confirmed his candidature and was elected by acclamation.

*Jörg Niehoff*

**Roger McLaughlin Secretary General from November 2003 on**

*In Cologne Roger McLaughlin will take over the duty as a Secretary General from Lise. We publish once again his short personal presentation from a previous eye-contact to introduce him once again to everybody.*

"Hi! My name is Roger McLaughlin and I am the Chairman of the ACE Progress Network. This is a network in the UK for ambitious consulting engineers under the age



of 35. We have three main objectives 1) to advance business skills training. 2) promote Engineering as a profession. 3) to provide a network for the communication of these ideals. In Den Haag we officially became members of the EYE council. We are very pleased that we will now be in a position to share and learn from our conti-

ental contemporaries in how to help best young engineers getting the most out of their careers and to promote the interests of young engineers far and wide. We are also very committed to promoting Engineering as a profession. We are a very "hands on" organisation that sees no obstacles for change when it is required. We hope that we are able to share the successes that we have had at a national level in the international arena."

*Roger McLaughlin*

**EYE@Helsinki – was it a good one?**

Yes, it was! It was definitely a Conference different from all the others we had before – the ship proved to be a unique location. Certain changes from the traditional program were inevitable, but we made also a lot new

experiences – including the ear-rolling contest – don't miss the video on the eye Helsinki webpage!



But let's take a look at the results of the "official evaluation". The EYE task force prepared an evaluation form. It was used in Brugge for the first time. The same evaluation form was now used for the later EYE conferences in The Hague and Helsinki to obtain comparable results.

- Helsinki was again a conference of “new-comers” 39% joined an EYE conference for the first time, 27% have been once or twice at an EYE conference, 24% three to five times, another 10% even more often than five times.
- Friday activities included the official speeches and the first workshops. The speech of the MP, Martin Saarigangas (86%) and the Transfer & Check-In (87%) have been rated very high, whereas the two Friday workshops found less approval (55%) and the speech of Dr. Lantto, OMAK was rated very low.
- The Saturday program consisted of three workshops and a guided ship tour. Again the workshops were rated lower than the other activities. Like usual the buffet dinner is rated quite positive (84%). The guided ship tour was also appreciated by the participants (82%). On the other hand the workshop Women in science could not reach the audience (39%) and was the worst rated event.
- Overall satisfaction with the facilities was sufficiently high, only the ship cabins could not satisfy every bodies needs.

The comments focussed on some central issues:

- The Workshops should be prepared more concerning the needs of the audience, some participants felt that there was very little to learn and that they have not been the target group for the workshops, don't repeat previous work, pre-summaries useful. Workshops should have clear topics and targets and a follow-up, realistic expectations from workshops, just one EYE-internal event, external trainers and qualification workshops.
- The conference place ship was an excellent idea.
- The Party should in a separated area for EYE.
- Registration should be possible more than one month

in advance.

"Do you intend to come to one of the next EYE conferences?" The overall satisfaction with the conference can be proved easily by the response to this question: The vast majority (93%) of those who filled in the form stated that they do intend to come back to an EYE conference again. 61% knew already that they want to come to Cologne in November.

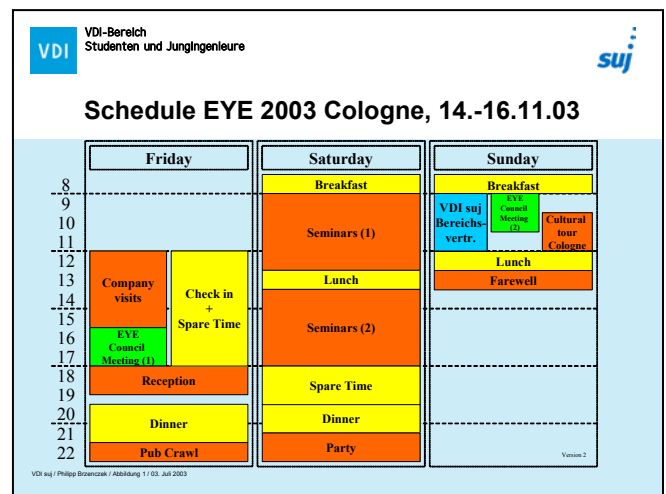
*Jörg Niehoff*

### EYE@Cologne – a first and early glance

When the hammer fell in Helsinki (actually it did not, Björn gave it and “snapsi” to Norbert), it was the starting point for the “hot phase” of the organization of “EYE 2003 Cologne”. Well, here we are, and this is, what we already can tell you about the combined EYE and VDI-suj (student & young engineers) weekend between November 14<sup>th</sup> and 16<sup>th</sup> 2003.

The program of the weekend in brief:

- Friday: company visits, council, reception, pub crawl
- Saturday: seminars, the legendary Party – it's slogan follows soon
- Sunday: council, cultural tour, transfer of presidency, farewell



We already have the commitment of Ford, the automotive company, for a visit of their production plant near Cologne. The Institution for Highway Management has promised an visit at their test site as well. The broadcasting station “Deutsche Welle” realizes a guided tour through their studios for radio production. So we hope to have something for every kind of engineer in our offer.

The reception will take place at the Cologne town hall. The Mayor of Cologne and the Director of VDI will welcome us. To take the motto “engineers and the media world” into account, we invited some speakers, who will give us insight in this current issue.

The seminars on Saturday will cover a broad rage of business related and soft skill issues. We have committed trainers for presentation techniques, rhetoric's, individual

potential analysis and a number of other issues. Please take a look at our web site [www.vdi.de/eye-2003-cologne](http://www.vdi.de/eye-2003-cologne) for more details.

Sundays program will consist of the council meetings of EYE and VDI-suj. In parallel there will be guided cultural tours through the city center and some exciting museums of Cologne. You know that there are many, but we will find the spectacular ones for you! ☺

Basically, we try to schedule the program in a way, that everyone can take part in as many parts as possible. The event language is English, with the exception of one or two seminars and the VDI suj council. You want to test your German? Take part in these meetings!

As far as we see it by now, we stick to the costs of 120 Euro for young engineers and offer a reduced rate of 90 Euros for students. To realize this goal, it would help to have some more sponsors. Do you know one, which target group are young European engineers and students? Please let us know about it: [eye-2003-cologne@vdi.de](mailto:eye-2003-cologne@vdi.de).

The majority of the program takes place at the Youth Hostel in Köln-Riehl. There we will be accommodated as well. We have reserved 200 beds for Friday and Saturday night, so you can bring almost your friends and family with you. For the current state of planning please visit our web site. There we offer the latest news regarding program, places and times. As the planning process goes on, we will have more details about the event. We will let you know about it through our web site and more articles in the EYE Contact. See you in Cologne!

*Philipp Brzenczek*

## EYE Family

### FNTS – the new EYE member from Bulgaria

The Bulgarian organisations FNTS has been approved as new EYE member in Helsinki. The following information will introduce the activities of the students and young engineers of the FNTS, the Federation of Scientific and Technical Unions in Bulgaria.

The activity of the young engineers and students is guided from special Commission elected from the Managing Board of FNTS:

- National competition for best diploma project between the graduating students from the technical Universities,
- National science-practical session for young engineers, students and doctors up till 35 years, nominated in regional sessions, organized in territorial organizations of the national scientific union's members of FNTS.

The financing of the activity is from the budget of FNTS and the funds for them are 3,05 of the annual budget of FNTS. There are young engineers and students in nearly every member union of FNTS. The biggest number of

members are in the Union of automation and informatics, the Union of transport, the Union of mechanical engineering, the Union of electronic, electrical engineering and communications, the Union of Chemists and etc. The number of young members of FNTS is about 1075.

The activity of the young members is in organizing regional or territorial science-practical sessions; in 2003 there were 11 sessions with 300 participants. Young specialists take part in the programs of the national and international seminars, conferences, symposiums and etc. through special sessions for young engineers especially doctors up till 35 years. To the moment there were 7 events and to the end of the year there will be 5 more. Most of the students and young engineers are included in the teams working on the EU projects.

In connection with the decision of the Managing Board of FNTS our organization to become member of EYE, it was founded National Committee for EYE.

More information about FNTS can be found on the web: [www.fnts-bg.org](http://www.fnts-bg.org)

*Vasil SGUREV, President of the Managing Board of FNTS*

### "Emotional Intelligence" – a report from a workgroup in Denmark

In 2001 the Danish association of young engineers (YI) established a workgroup to debate the leadership-philosophy called "Emotional Intelligence". Communication and ways of working within organizations are changing, and old times authority based leadership are giving way to more personally engaged leadership. The aim of the group is to learn about the theory behind, about understanding the implementation of the terms and ideas of emotional intelligence, and about how to communicate this to other young Engineers.

The basis for the debate have been the books by Daniel Goleman as well as newspaper articles and other literature that the group members have studied. There are six people in the group, three male and three female at this point, and meetings are held every 6 weeks at one of the members home, which gives the meetings a relaxed and social atmosphere. We discuss what we have read and also talk about situations at our own workplace, where we used or should have used our emotional intelligence skills. Relating the theory to our own life experience has proven a great way to anchor the ideas.

To share knowledge to the rest of our union-members the group have written a series of articles for the national newsletter, and recently held a three hour seminar on one evening after work. Two speakers were invited, the first to speak about the theories and the latter about the experiences and obstacles in implementing emotional leadership in a private company.

Part of the idea with the meeting was also to get some young members together to form network, and with 25 participants is was a good size group to get a discussion going. Even though the level of knowledge about the subject varied among the participants, we managed to get

some good discussions both in plenum and smaller groups, and afterwards got positive feedback on the overall meeting.

The concept is hereby passed on to everybody – please feel free to try yourself – enjoy.

*Preben Elkjaer/ Mette B. Hansen*

### **Niria and KIVI Partners for life?**

For 40 years, the two engineering organisations in the Netherlands have been discussing a merger. Since May 2003 it really seems possible!

On May 26th and 27th the members of both organisations have had the chance to vote on the letter of intent for the merger between Niria and KIVI. The result was a “clear go-ahead”.

Considering that the parties are focusing on January 1, 2004 as the date to merge, one can understand that the main focus is now on the new structure and the legal and financial aspects. The final voting is expected later this year.

How this merger will influence the young engineers, is still unknown. An informal discussion will be started between young representatives of Niria and KIVI to get to know each other. Luckily, active EYE members have already worked together in EYE NL for years.

It is not yet clear how this fusion will influence the membership and representation of Niria and KIVI in EYE. Until that is known, the current council members will stay in the EYE council.

As soon as there is more information about the effect of this merger on the position of young engineers we will inform you. To be continued!

*Peter van Hattum*

## **Europe EYE**

### **Biofuels- a new directive**

On the 8th of May 2003, the European Parliament and the Council of the EU passed the Directive 2003/30/EC on the promotion of the use of biofuels or other renewable fuels for transport.

Its aim is to replace diesel or petrol for transport purposes in each Member State with a view to contributing to objectives such as meeting climate commitments, environmentally friendly security of supply and promoting renewable energy sources.

The transport sector accounts for more than 30 % of final energy consumption in the Community- a trend which will rise steadily. Increased use of biofuels will enable greater compliance with the Kyoto Protocol and strengthen security of energy supply of the European Union in the long term.

Member States should ensure that a minimum proportion of biofuels and other renewable fuels is placed on their markets. National indicative targets for that are 2% of all petrol and diesel by 31.12.2005 and 5.75% by 31.12.2010. Member States will have to report to the Commission each year about the measures taken.

The directive has to be implemented in national legislation until 31.12.2004.

*Angelika Wessels*

### **The Convention on the Future of the EU**

Sixteen month, the Convention on the Future of the EU under its president Valérie Giscard d'Estaing has met to discuss and elaborate the draft for the Constitution of the European Union.

105 members and their substitutes, in their middle national and European Parliamentarians and representatives of Member States finished a text with 460 provisions, the draft of the first Constitution the European Union ever had.

Submitted to the European Council on 20/07/2003 in Thessaloniki, it is now up to the Member States to decide on the Constitutional Treaty at a summit of heads of states and governments in October this year. The new Treaty which will pool together all legal provisions regarding the European Communities and the European Union in one document, will be signed in May 2004 by the old and new Member States of the EU. Many important changes have been proposed in the draft to bring the Union closer to its citizens, to strengthen legitimacy and democracy and to prepare it for widening and deepening envisaged in the next years.

From an institutional perspective, we can expect a lot of important changes: The draft proposes that the European Parliament's role in decision-making will be nearly doubled; national veto will be preserved in a few politically sensitive areas, such as taxation and foreign policy.

The European Council, being the EU organ in charge of deciding on the general political guidelines, shall elect its president for up to five years (two possible mandates of 2.5 years) to chair summits and drive forward its work, replacing the present six-month rotating presidency.

From 2009 onward, the Commission shall consist of its president, the minister for foreign affairs/vice-president whose position will be introduced in the new treaty and 13 commissioners selected on the basis of a system of equal rotation between the Member States. The Commission president shall appoint non-voting commissioners coming from all other Member States. Until 2009, every Member State will have one commissioner. To answer the challenge of terrorist aggressions and organised crime, the draft introduced a new solidarity clause, under which Member States will provide mutual assistance in case of terrorist attacks and the possibility to create, by unanimous decision, a European public prosecutor. Member States will also be able to subscribe to a mutual defence clause.

To bring the EU closer to its citizens, the convention introduced a referendum: a minimum of one million EU citizens will have the right to demand from the Commission to submit a legislative proposal on matters on which they believe the Union should act.

Discussions in the convention have been quiet controversial and there is still a lot of criticism, but the Convention has already achieved more with this draft than has been ever before in “normal” Treaty preparations. It still needs to be awaited how much the head of states and governments will take over from the draft in the end or if there will be any vital changes at the summit in October.

However, we can expect to have a Constitution of the European Union from next year on and European Integration will be again taken a step further. Some little examples: We will not any longer have only our national anthem, holiday or even our respective citizenship, but we will have both: national and European.

*Angelika Wessels*

## EYE Opener

### Focus on innovation

Although there is a lot of research in The Netherlands the utilisation of the knowledge in the industry is still limited. Knowledge-economy is nowadays a more than common slogan, but how are we contributing? Nevertheless, good timing for a congress with the focus on innovation.

At 11th November 2003 the KIVI congress on innovation will be at the Technical University of Eindhoven. The program is promising and interesting.

In the morning there will be lectures of Gerard Kleisterlee, chairman of the board of Philips and of Ing. Amandus Lundqvist, chairman of the board of the Technical University of Eindhoven. Later on there will be a discussion about innovation under the leadership of Prof. Ing. Walter Zegveld: “Innovation means have the nerves and invest. How do we get from talking to doing?”

After lunchtime there will be a parallel-session with the following subjects:

- Presentation: The motion of knowledge, how do you select your changes for the future?
- Lecture: Deepwater Technology
- Discussion: Do we need to get excited about technology?
- Case: Elision of knowledge: a condito sine qua non for Innovation!
- Workshop: How do you promote engineers?
- Workshop: Children and Technology.

During the congress there will also be an exposition. Innovative ideas of students from the University of Technology of Eindhoven will be presented at this exhibition. KIVI can ensure you that you will have a good illustration

of “Innovation in The Netherlands” after this congress.

For more information please contact: Mariska van Cronenberg, [m.vancronenberg@wanadoo.nl](mailto:m.vancronenberg@wanadoo.nl) or Jeroen van de Braak, [j.vdbraak@hetnet.nl](mailto:j.vdbraak@hetnet.nl).

*Mariska von Cronenberg*

### International Air Show at Paris



Where’s the one place where the whole world of aerospace comes together?

At the Paris Air Show Le Bourget – the number 1 international event in the aeronautics and space industry.

Dedicated to the full range of the aerospace business activities - from parts suppliers to aircraft manufacturers - it is the professional show “par excellence”.

So I went, last week invited by a friend of mine who works for SNECMA. And I found it great.

Flying displays and planes, engines, rockets and a lot of information and most of the projects are European ones. Even I, who work in food industry, have been interested as we are trying to work with the ESA on the food for the spationaut (Mars 2018...). So if you can, please come in 2005 or to the Musée de l’air et de l’espace any time in Paris – Le Bourget.

*Catherine Ballandras*

### Technical Medicine: a unique study starting at Twente University

At the start of the new college year, the faculty of Science and Technology of the University of Twente starts with a new bachelor’s and master’s program called Technical Medicine. This is a brand new study (at least in Europe), based on the increasing demand of technically high skilled professionals in the health care sector.

These specialists are able use the modern techniques in health care. Technique plays an increasing part in health care and there is a demand on technical skilled doctors who can operate the machinery involved in surgeries on patients nowadays.



Student finishing this study will be called clinical technologists and will be working in highly specialized teams in topclinics. They are no doctors with their own patients, but patients will be addressed to them for treatments such as coronic catherisation, bioptic surgery, implantation of blood vessels and bone and hip implantation and skin tissue implants.



Twente University is working together with the Wilhelms Universität from Münster (Germany), the Medical Spectrum Twente, the revalidation centre "Het Roessingh" and the Saxion University in Enschede.

Technical Medicine is a six years education program, consisting a three years bachelor, followed by a master.

(for more information: [www.utwente.nl/en/](http://www.utwente.nl/en/) or mail to: [m.drent@bmt.utwente.nl](mailto:m.drent@bmt.utwente.nl))

*Marko Ludeking*

### **DAAD, CHE and stern publish the English version of the ranking on Germany universities**

The university ranking produced by the CHE Center for Higher Education Development and stern is making its first appearance on the Internet as an English version - integrated into the web-based information services offered by the German Academic Exchange Service (DAAD). International students interested in studying in Germany will find the degree courses and study programmes as well as the specific strengths and weaknesses of 242 German universities analysed in the 34 most popular subjects by going to: [www.university-ranking.de](http://www.university-ranking.de).

The number of inquiries received by telephone, e-mail or in person from interested students all around the world over recent years has increased proportionally to the extent that Germany's Fachhochschule universities of applied sciences and research universities have advertised themselves and the study and research opportunities they

offer on the "International Education Market": Examples of key questions are: Which German universities offer the best study opportunities in my subject? Where is the time to degree shortest? Which university offers particularly good guidance, counselling and supervision services? In short, the question asked at education fairs in English-speaking countries is: Which German university is the best in my field of study?

The individual definition and weighting of numerous criteria enables users to specifically find - in terms of their personal needs - the best German university or universities. The ranking considers the strengths and weaknesses of individual subjects and departments, as well as the preferences of potential students. These include, for example, average time to degree, the organisation of studies, availability of practical training, courses and internships, the student: teacher ratio (guidance, counselling, supervision), whether the university focuses on research or applied studies, credit point systems, options for completing semesters abroad, study sections instructed in foreign languages, etc.

Therefore the ranking is expected to help users choose the right university town in accordance with their personal goals and preferences and to make Germany even more transparent for the international public regarding academic studies and, therefore, more interesting.

*DAAD*

### **EYE Forecast**

#### **Spring 2004 – EYE London**



*The London EYE!*

The Spring 2004 Conference will take place in London,

England. The theme of the conference will be *Managing People – Engineering the Business* and the mini-symposium and workshop parts of the schedule will work with this overall theme. This will include looking at people skills, recruitment and retention, knowledge management, organisational structure and team development.

Company Visits are being planned for the Saturday afternoon and we hope that these will include behind the scenes of some of London’s transport infrastructure. The traditional EYE party is also planned, but this time it will be a little special as we hope to turn it into EYE’s 10<sup>th</sup> Birthday party! The Sunday will give us the opportunity to show you some of London’s cultural and tourist attractions whilst you recover from the previous night.

We look forward to welcoming you to EYE London.

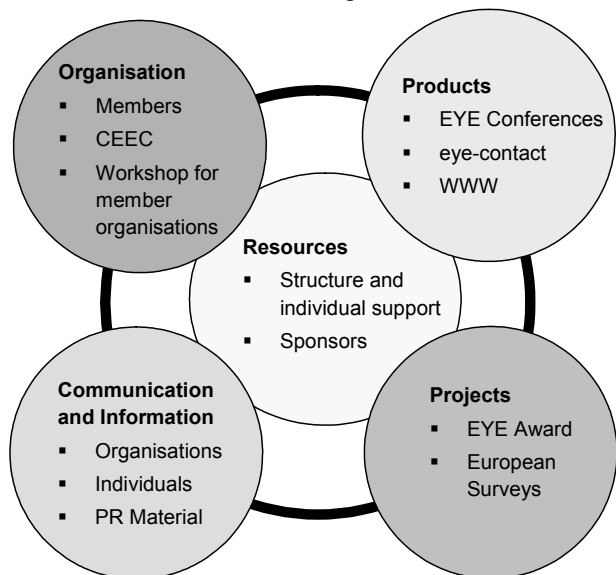
*Penny Thompson, penny.thompson@jee.org*

*Lisa Kelvey, eye@kelvey.com*

**U&EYE**

**Activities and Work Packages of the EYE Action Plan**

The EYE action plan is the result of a brain storming and subsequent work of the EYE Task Force in January. The overall structure is the following:



In Helsinki about 30 people took part in a workshop on the EYE Action Plan. The main objective was to present it and discuss it with a broader audience and to get people involved to contribute to the implementation. A large number of people took over responsibilities for certain activities as shown in the table below. The Council approved the action plan and fosters its implementation.

Everybody interested in contributing is now invited to take part in the work. To facilitate this, the eye information system offers a user group eye -action plan for the

exchange of information and easy contacts.

The following table shows the responsible people for the different working packages – please contact them!

Thematic Area / work package	Responsible
<b>2. Organisation</b>	<b>Jörg</b>
2.1. Members	Catherine, FI/BNEI, Jim, FutureNet, Daniela
2.2. Central and Eastern European Countries	Bart, VIK, Andreas Wade
2.3. Workshop “Young members - Challenges for the Engineering Associations and best practice approaches”	Jörg + Susanne, VDI, Paul Taylor
<b>3. Communication and Information</b>	<b>Sune</b>
3.1. Organisation	Jim, Jörg
3.2. Individuals Alumni	Ellu, IL, Tine, IDA, Susanne
3.3. PR-Material	Penny
<b>4. Products</b>	<b>Mariska</b>
4.1. EYE Conferences	Jeroen, Philipp, Lisa
4.2. EYE-contact	Rainer et.al.
4.3. WWW	Mariska, Jörg
<b>5. Projects</b>	<b>Roger</b>
5.1. EYE Award	Bernd
5.2. European Surveys	Bernd
In between events	Marco
<b>6. Resources</b>	<b>Lisa</b>
6.1. Individual Support	
6.2. Sponsorship	Lisa, Philipp, Hans-Peter, Margit

*Jörg Niehoff*

**Imprint**

The eye-contact is compiled by the EYE Task Force and puts together articles about EYE activities like the EYE-conferences, the member organisations as well as EU activities relevant for young engineers. The circulation of eye-contact is strongly encouraged. Any comments or articles may be sent to the EYE Office in Brussels:

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