

NEWSLETTER

June 2010



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Dear EFEE members

The last EFEE Council and general assembly was held in Lucerne, Switzerland, May 2010. Here seventeen national members were represented. Prior to the council and general assembly meeting the participating delegates held meetings in the various EFEE committees, of which some are referred to in articles in this edition of the newsletter.



The national members joint for the EFEE meeting in Lucerne

At the meeting a new president, vice president, board, treasurer and election committee was elected, the president had to be new as the president of the last two years Jose Carlos Gois, could not be re-elected after two terms in office. The election was intense and competitive, with more candidates for the board than needed, showing an increasing interest of participation in the organisation and its work. Donald Jonson, from Sweden, was elected as the new President of EFEE.

The meeting also included interesting and important reports from the EFEE initiated committees. The EU-Directives Committee tries to influence some important EU-directives, which are being finalized at a EU-level at the moment. The Shotfiring Committee and its Leonardo da Vinci project ESSEEM (European Standard Shotfirer Education for Enhanced Mobility), is collecting educational material to provide the basis for the harmonized technical skills that qualify for a future European shotfirer certificate.

In regards to the 6th EFEE World Conference in Lisbon in 2011, the final approval was made for the student competition, which will award the two winning students; travel, admission and partly accommodation for the 2011 conference. More information will follow.

Least but not last EFEE enlarged its horizon, as the Association of Explosives Engineers of Kazakhstan was approved as a National Association member.

Next Council meeting will be in the UK in October 2010.

Johan Finsteen Gjødvad, Chairman of the EFEE Newsletter and member of the EFEE Board.

The EFEE-Newsletter [\[BACK\]](#)

This issue includes information about:

- A presentation of the Kazakhstani organisation, AEEK, joining EFEE in May 2010.
- A presentation of the ESSEEM project.
- A presentation of the EUExcert project.
- Status of the EU-directives committee.
- A presentation of EFEE, as used for new joining organizations.
- And notifications about the upcoming events in the world of explosives.

We in EFEE hope you enjoy the present EFEE-Newsletter, and will read the next edition which will be published in October 2010.

Johan Finsteen Gjødvad, Chairman of the Newsletter committee and member of the board

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AEEK joins EFEE [\[BACK\]](#)

New horizons for EFEE, beyond the European borders.

On the 22 May 2010 the annual general meeting of EFEE accepted the "Association of explosives engineers of Kazakhstan" AEEK as a national member in EFEE.



AEEK presented their organisation for the Membership and Marketing Committee and was officially represented by the President Mr. Rakhimzhan Kulbayev accompanied by the Vice president Mr. Danil Masyagin and Mr Samat Dogalov.

At the present the association has 6, of the largest companies in Kazakhstan as members and they have another 20 applications in the pipeline. Individual members are also welcome to join AEEK. The organisation is supported by government funds.

Expert companies, manufacturers, distributors and end-users are becoming members. There are about 120 companies in Kazakhstan which has the permission to perform blasting work. Kazakhstan uses about 140000 tonnes of explosives per year and 10 million non-electric detonators.

Danil Masyagin , Vice president of AEEK and envoy to EFEE

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The ESSEEM project [\[BACK\]](#)

Collecting European experience

The latest conference meeting of the ESSEEM project was held in Troisdorf, Germany on the 4th of December 2009 for partners and invited experts. The experts were invited to criticise the work produced by the partners. Presentations were made out by the partners on the following subjects:

1. Geology
2. Drilling and tools
3. Civil construction materials for demolition
4. Explosives
5. Initiation systems
6. Blasting theory
7. Blasting calculation
8. Mitigation of blasting: noise, vibrations and fly rock effects
9. Economical aspects of blasting.



Participants in the ESSEEM Conference meeting in Troisdorf, Germany, on 4th December 2009.

The next ESSEEM meeting will be held in Dresden, Germany 24-25th September 2010. At this Conference partners are expected to present the final results of the project. The conference will be open for invited guest and other interested parties.

Jose Carlos Gois, past President EFEE

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EUExcert project [\[BACK\]](#)

A new EUEXCERT project named EUExNet was started in November 2009.

EFEE is partner in the project together with representatives from Czech Republic, Estonia, Germany, Italy, Latvia, Norway, Portugal, Sweden and United Kingdom. The aim of the project is to establish a European network based in the independent national nodes (bodies), founded on the results developed in the previous EUExcert project.



Participants at the kick-off meeting in Karlskoga, Sweden, on the 18th March 2010.

The national nodes will build their work on using the occupational standards proposed by the EUExcert project or use other adequate occupational standards – which can be recognised by the EUExcert partners.

Jose Carlos Gois, Immediate Past President EFEE

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EU Directives Committee [\[BACK\]](#)

Status report from the EFEE meeting in Luzern 22.05.2010

The EFEE EU Directives Committee is 100% dedicated on the process and consequences of the EU directive 2008/43/EC “Identification and traceability for explosives for civil uses” to be implemented within all EU country members. Due to different transitional regulations within the member states it’s fully application must be fulfilled till 5th of April 2012 at the latest.

A political decision taken by EU parliament requires a unique identification for every single article (cartridges, detonators, smaller packaging units, ...) which shall be either produced, distributed or used by the end-users’ without any hesitation.

Therefore a committee is trying to bind together with FEEM “Federation of European explosives manufacturers” and directly with their president Mr. Hans M. Meyer in order to define a common standard to be used by all, in the process, involved companies or entrepreneurs.

The unique identification shall comprise with human readable part (name of the manufacturer, alphanumeric code for member state and production site, product code and logistical information designed by the manufacturer) on the one hand and electronic readable identification in barcode or data matrix code format that relates directly to the human readable part.



BARCODE SAMPLE



DATA MATRIX SAMPLE

Damjan Kovač, Member of the EFEE EU-Directives Committee.

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EFEE elections [\[BACK\]](#)

The EFEE board and other posts, for the coming year

At the annual general at Lucerne meeting the 17 EFEE – delegates elected the new board. For the most positions several candidates announced their interest and democratic polling took place.

The new EFEE board:

President:	<i>Donald Jonson, Sweden</i>
Vice president:	<i>Jörg Rennert, Germany</i>
Treasurer:	<i>Remy Müller, Switzerland / Lichtenstein</i>
Past president:	<i>Jose Carlos Gois, Portugal</i>
Board members:	<i>Predrag Sinik, Slovenia</i>
	<i>Alexander Efremovtsev, Russia</i>
	<i>Johan Gjødvad, Denmark</i>

Further more Heinz Berger from Austria was co-opted to the board as chairman of the conference committee.

Chairman of the audit committee Walter Werner from Germany was elected. His proxy is Krzysztof Pietkiewicz from Poland. Furthermore Walter Werner was re-elected as chairman of the election committee.

Walter Werner, Chairman EFEE election committee.

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Blasting technology

- Basics of general field blasting technology and agricultural and forestry blasting
- Basics of tunnel and underground blasting
- Special courses for Blasting of building constructions
- Special courses for Large hole blasting
- Special courses for Blasting in hot materials
- Special courses for Ice blasting

Pyrotechnics for technical purposes

- Basic courses for handling pyrotechnic articles for technical purposes – except their production (airbag/belt pretensioner etc.)

Pyrotechnics for outdoor and indoor

- Basic courses for the use of pyrotechnic articles (outdoor fireworks)
- Basic courses for the handling pyrotechnic articles in theatres and comparable locations – except their production (stage-fireworks, indoor fireworks)
- Special courses for handling explosives in TV- and movie productions- except their production (SFX-Special Effect Course)

Explosive ordnance disposal (EOD)

- Basic courses for supervisor of Explosive Ordnance Disposal
- Special courses for ammunition of the former Warsaw Pact
- Special courses for world-wide demining
- Courses on detection of mines and unexploded ordnances for demining staff

Civil engineering/Building devices

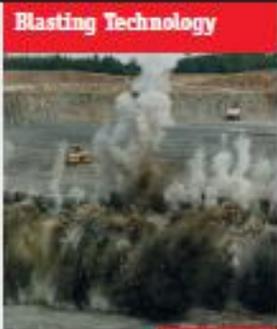
- Basic course on demolition
- Course on gaining special knowledge on demolition, re-development and re-construction of cement-asbestos-products (TRGS 519)
- Course on preparation for dismantling contaminated old industrial buildings
- Course for safety and health coordinators on construction sites

Engineering Consultation

- Blasting Technology
- Pyrotechnics
- Explosive ordnance disposal (EOD)

Research and development

Blasting Technology



Pyrotechnics



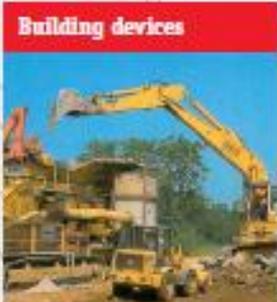
Explosive ordnance disposal (EOD)



Civil engineering and consulting



Building devices





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The art of successful blasting

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Upcoming events [\[BACK\]](#)

2010	June 8-9	EURO Mine Expo 2010, SKELLEFTEÅ, SWEDEN	www.euromineexpo.com
	June 29- July 2	41 st International Annual Conference of Fraunhof ICT, Karlsruhe, Germany	www.ict.fraunhofer.de
	July 11-16	37 th International Pyrotechnics Seminar Grand Junction Doubletree Hotel, CO USA	www.ipusa.org
2011	Feb 6-9	37 th ISEE Annual Conference on Explosives and Blasting Technique, San Diego, USA	www.isee.org
	Sep. 18-20	6 th EFEE World Conference, Lisbon Portugal	www.efee.eu

Please contact the EFEE secretariat if you have a future event for the next EFEE-newsletter upcoming events list.

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