



MINUTES

of the

68th COUNCIL MEETING

held in Maastricht, Netherlands

on

14th May 2022

Secretary General Roger Holmberg

European Federation of Explosives Engineers
Fédération Européenne des Spécialistes de Minage
Europäischer Sprengverband



Registered in Austria No. (ZVR-Zahl) 635276217

PRESENT

BELGIUM	Jean-Pierre	Tshibangu	JPT	Groupment Belge de l'Energie Explosive (GBEE)
DENMARK	Johan	Finsteen Gjørdvad	JFG	Danish Federation of Explosives Engineers (DSF)
ESTONIA	Viive	Tuuna (<i>Vice President</i>)	VT	Eesti Mäetööstuse Ettevõtete Liit (EMTEL)
Estonia	Teele	Tuuna	TT	Repr. for EFEE Individual Members
FINLAND	Jari	Honkanen (<i>Immediate Past President</i>)	JH	Infra Contractors' Association (Infra)
Finland	Tomi	Kouovonen	TK	Repr. for EFEE Corporate Members
FRANCE I	Ricardo	Chavez	RC	French Group of Explosive Energies (GFEE)
FRANCE II	Thomas	Pinell	TP	Syndicat National des Entrepreneurs de Travaux Publics specialises dans l'Utilisation d'Explosifs (SYNDUEX)
GERMANY	Jörg	Rennert (<i>Treasurer</i>)	JR	Deutscher Sprengverband e.V.(DSV)
ITALY	Alfio	Di Giovanni	ADG	ASSOCIAZIONE GEORISORSE E AMBIENTE
NETHERLANDS	Bernard	Vercouteren van den Berge	BVB	Nederlandse Vereniging van Springmeesters (NVVS)
NORWAY	Espen	Hugaas	EH	Norsk Forening for Fjellsprengningsteknikk (NFF)
POLAND	Krzysztof	Pietkiewicz	KP	Stowarzyszenie Polskich Inzynierow Stzalowych (SPIS)
PORTUGAL	José Carlos	Gois	JCG	Associação Portuguesa de Estudos e Engenharia de Explosivos (AP3E)
Romania	Robert	Laszlo	RL	Repr. for EFEE Corporate Members
SWEDEN	Donald	Jonson	DJ	Swedish Rock Engineering Association
Sweden	Mathias	Jern	MJ	Repr. for EFEE Corporate Members
Sweden	Roger	Holmberg (<i>Secretary General</i>)	RH	EFEE
UK	Andrew	Carr	AC	Institute of Explosives Engineers (IExpE)
United Kingdom	Mark	Hatt	MH	Repr. for EFEE Individual Members

IN ATTENDANCE

France II	Mohamed	Diakite	MD	Syndicat National des Entrepreneurs de Travaux Publics specialises dans l'Utilisation d'Explosifs (SYNDUEX)
Poland	Piotr	Kapustianyck	PK	Vice President, SPIS
UK	James	Tyler	JT	TylerEvents Ltd.

ABSENT

AUSTRIA	Wolfgang	Loub	HB	Verband der Sprengbefugten Österreichs (VSÖ)
BULGARIA	Elena	Filipova	EL	Association of Explosives Manufacturers in Bulgaria
CZECH REPUBLIC	Igor	Kopàl	IK	Czech Federation for Blasting Technique and Pyrotechnics (STTP)
HUNGARY	Lóránt	Földesi	LF	Hungarian Society for Blasting Technology (MARE)
IRELAND	Alan	Dolan	AD	Irish Mining and Quarrying Society (IMQS)
ITALY	Marilena	Cardu	MC	ASSOCIAZIONE GEORISORSE E AMBIENTE
ROMANIA	Doru	Anghelache (<i>President</i>)	DA	Romanian Association of Explosives and Blasting Engineering (A.R.D.E)
SLOVAK REPUBLIC	Igor	Kopàl (<i>Immediate Past President</i>)	IK	Slovenská spoločnosť pre trhacie a vrtacie práce (SSTVP)
SPAIN	Antonio	Lucius	AL	Asociacion Nacional de Ingenieros de Minas de España (ANIM)
SWITZERLAND	Thomas	Aschwanden	TA	Schweizer Sprengverband (SVS)
TURKEY	Ömer	Hayta	ÖH	Patlayıcı Madde Sanayicileri Derneği (PAMSAD)
UK	Ruth	Barber	RB	Institute of Explosives Engineers (IExpE)
UKRAINE	Nikolay	Ischenko	NI	The Ukrainian Union of Explosives(USIV)

1. Opening by the President

The Vice President Viive Tuuna opened the meeting and welcomed all.

2. Apologies for absence

The Vice President Viive Tuuna gave HB, EL, IK, LF, AD, MC, DA, AL, TA, ÖH, RB and NI's apologies.

3. Approval of the Agenda

The Agenda was approved.

4. Minutes of the 67th Council Meeting held on 29th September 2021 over Internet

It was proposed that the Minutes be accepted as true records.

Decision: This was unanimously agreed.

5. Applications for membership

EFEE Has approved one National member since last Council Meeting;

- ✓ ASSOCIAZIONE GEORISORSE E AMBIENTE, ITALY

and EFEE has approved two new Corporate members since last Council meeting;

- ✓ Brown and Mason Group Limited, UK
- ✓ SOLAR PATLAYICI MAD. SAN. A.Ş., Turkey

and EFEE has approved 35 new Individual members since last Council meeting;

- ✓ Benjamin Piscart, Cofoc Sa, Belgium
- ✓ Simon Tose, AECI Mining Explosives, South Africa
- ✓ Hana Yamamoto, Japan Blasting Technics Co., Ltd., Japan
- ✓ Oliver F. Dams, MAXAM Deutschland GmbH, Germany
- ✓ Dan Skinner, Dyno Nobel Asia Pacific, Australia
- ✓ Juho Rahko, Sweco Infra & Rail Oy, Finland
- ✓ Jhon Silva, University of Kentucky, USA
- ✓ Amit Bhandari, Mineexcellence, Australia
- ✓ Brett Macaulay, Dyno Nobel, Australia
- ✓ Jesús Angel Pascual De Blas, Spain
- ✓ George Piperides, K.kythreotis Holdings Public Ltd, Cyprus
- ✓ GOVINDARAJAN KARTHIGEYAN, AMBALS EXPLOSIVES PVT LTD, India
- ✓ Stefanos Baliktsis, EXORIXI SA, Greece
- ✓ Juha Kreivi, Orica, Finland
- ✓ Rikki Isgar, Brown And Mason Group, UK
- ✓ Phillip Van Greunen, BME, South Africa
- ✓ Yong Pan, Serbian Zijin Copper Mine, Serbia
- ✓ Robrecht Schmitz, Sibelco, Netherlands
- ✓ Christian Asbjørn Andersen, NIRAS, Denmark
- ✓ Morne Stiglingh, Aeci Mining, South Africa
- ✓ Aymeric Denuelle, Davey Bickford Enaex, France
- ✓ Nathan Rouse, Dynoconsult, Ireland
- ✓ João Sorbille, Enaex Brasil, Brazil
- ✓ José Silvio Corsini, Enaex Brasil, Brazil
- ✓ Stefan Purcelean, DynaEnergetics Europe GmbH, Germany
- ✓ Thomas Moser, SSE/Explosiv Service SA, Switzerland
- ✓ Peter Shishkov, University Of Mining And Geology, Bulgaria
- ✓ Dean Thompson, Specialist explosives services, UK
- ✓ Henrik Karlsson, Yara AB, Sweden
- ✓ Efthymios Kechagias, Demcon Smpc, Greece
- ✓ Ilias Raptis, Demcon Smpc, Greece

- ✓ Stefano Scaini, Italy
- ✓ Igor Giavitto, High Energy Technologies S.r.l., Italy
- ✓ Mohamed Manzour, As Salam Group, Egypt
- ✓ Pavlos Vantolas, Vagexco Shpk, Albania

and EFEE has approved 5 new Student/Retired members since last Council meeting;

- ✓ Piry Venho, A-insinöorit, Finland
- ✓ Pedro Pereira, Blastthink, Portugal
- ✓ Pieter Van Den Bosch, Arts, Belgium
- ✓ GÜNGÖR BARIŞ ÖZKAZANÇ, Middle East Technical University, Turkey
- ✓ Vladimir Penev, University Of Mining And Geology, Bulgaria

and two Honorary members;

- ✓ Heinz Berger, Austria
- ✓ Karl Kure, Norway

Decision: The Council had no objections regarding the new members.

Paid 2022 Memberships are;

- 20 out of 25 National Members.
- 36 out of 40 Corporate.
- 123 out of 140 Individual Members.
- 5 out of 6 Student/retired Members.

The National Members TURKEY, UKRAINE, SLOVAK REPUBLIC, FRANCE II and HUNGARY have not paid the 2022 Membership Fee.

6. Secretariat

a. Accounts Management 2021

EUROPEAN FEDERATION OF EXPLOSIVES ENGINEERS

Income & Expenditure

Period 1 Jan 2021 to 31 December 2021

	BUDGET	EUROS
	Y 2021	
	€	€
INCOME		
Subscriptions National	€ 12 600	€ 12 600,00
Subscriptions Corporate	€ 21 000	€ 22 054,00
Subscriptions Individuals	€ 9 000	€ 8 501,00
Subscriptions Students		
/Retired Former Members	€ 50	€ 100,00
Conference incomes	€ 0	€ 1,00
Bank Interest	€ 10	€ 817,07
EU Funding	€ 0	€ 0,00
Newsletter ads	€ 2 500	€ 3 417,50
Workshop fees	€ 0	
Total Income	€ 45 160	€ 47 490,57
EXPENDITURE		
Secretarial Expenses	€ 1 000	€ 418,00
Secretarial Fees	€ 24 750	€ 24 750,00
Marketing Assistant	€ 10 000	€ 6 255,00
Workshop Costs	€ 0	€ 0,00
PECCS	€ 15 000	€ 10 377,21
Bank /Pay Pal Charges	€ 500	€ 785,42
Projects	€ 15 000	€ 4 737,75
Board Expenses	€ 22 000	€ 8 007,76
Council Expenses	€ 5 000	€ 201,70
Website	€ 3 000	€ 707,84
EU Directives	€ 2 500	€ 0,00
Conference Expenses	€ 1 000	€ 4 000,00
Newsletter	€ 5 000	€ 2 968,46
Tax	€ 25	€ 0,00
Total Expenditure	€ 104 775	€ 63 209,14
Net Income	-€ 59 615	-€ 15 718,57

2021 financial report;

Budget 2022.

INCOME	2022	
	EURO ACCOUNTS	2022 BUDGET
Subscriptions National	€ 7 325,00	€ 13 125,00
Subscriptions Companies	€ 14 700,00	€ 19 950,00
Subscriptions Individuals	€ 6 750,00	€ 7 500,00
Subscriptions Students & Retired Former Members	€ 75,00	€ 75,00
Conference incomes	€ 0,00	€ 25 000,00
Bank Interest	€ 16,84	€ 10,00
EU Funding	€ 0,00	€ 0,00
Newsletter ads	€ 2 242,00	€ 4 000,00
Workshop fees	€ 0,00	€ 0,00
Total Income	€ 31 108,84	€ 69 660,00
EXPENDITURE		
Secretarial Expenses	€ 464,17	€ 1 000,00
Secretarial Fees	€ 6 562,50	€ 26 250,00
Marketing assistant	€ 0,00	€ 7 500,00
Workshop Costs	€ 0,00	€ 0,00
PECCS	€ 8 147,34	€ 15 000,00
Bank /Pay Pal Charges	€ 312,75	€ 500,00
Projects	€ 0,00	€ 4 000,00
Board Expenses	€ 2 318,78	€ 10 000,00
Council Expenses	€ 0,00	€ 5 000,00
Website	€ 270,43	€ 7 000,00
EU Directives	€ 0,00	€ 2 500,00
Conference Expenses	€ 1 140,00	€ 1 500,00
Newsletter	€ 2 298,45	€ 5 000,00
Tax	€ 0,00	€ 25,00
Total Expenditure	€ 21 514,42	€ 85 275,00
Nett Income excl conf	€ 10 734,42	-€ 40 615
Nett Income incl conf	€ 9 594,42	-€ 15 615

EUROPEAN FEDERATION OF EXPLOSIVES ENGINEERS	
STATEMENT OF FINANCIAL AFFAIRS	
as at 11 May 2022	
	Euro Funds
	€
Balance brought forward	€ 358 840,29
Income	€ 31 108,84
Expenditure	€ 21 514,42
Accumulated Funds	€ 368 434,71
Current Assets	
ERSTE Bank and Stripe	€ 72 415,09
PayPal Austria	€ 0,00
OBEBANK	€ 95 209,02
Reiffeisen	€ 90 065,24
Austria Bank	€ 39 845,78
BKS Bank	€ 70 899,58
Debtors	€ 0,00
Current Liabilities	€ 0,00
Net Current Assets	€ 368 434,71

b. Website

The website has been continuously updated with information like Newsletters, MoMs, Addresses, EFEE Conference Meetings, SAFEX Newsletters etc.

7. Conferences

a. News regarding the 11th EFEE World Conference in Netherlands 2022

James Tyler mentioned we today have 365 people attending in Maastricht so far.

There are 240 registered participants of which 38 are students.

Exhibitor Representatives are 125.

24 students from Aachen University have showed an interest to participate.

35 Companies will have exhibitions for their products. There will be 5 presentations in the exhibition hall.

53 people will attend the workshop.

Gala dinner - 222 have said they will participate. Fireworks will be part of the dinner.

Opening session - Honorary members will be part of it. Karl Kure and Heinz Berger are coming.

We have 3 Gold sponsors and 8 Silver sponsors.

b. 12th EFEE Conference 2023 in Ireland

Nothing to report. The Conference will be held 10th -12th September, 2023.

c. 13th EFEE Conference 2025 in the Romania

Nothing to report regarding Bucharest at the moment. In 2022 details will be decided.

Conference 2027

Viive Tuuna mentioned that in May 2023 decision will be taken where the conference will be held.

8. Standing Committees

a. Finance and Audit. Audit Report Y2021.

Donald Jonson confirmed that all expenses and incomes were correct and together with Walter Werner the bookkeeping had been approved.

b. Shotfiring

Teele Tuuna mentioned about the workshop and about the PECCS project. Teele Tuuna gave a description of the ongoing PECCS work and how to continue with contacts with educational entities and universities.

Robert Laszlo is new chairman for the Shotfiring Committee, replacing Karl Kure.

Robert commented how he will proceed with the committee.

It was also mentioned that Demolition would be a future project to work with but no decision was made.

c. Membership & Marketing

Jari Honkanen reported from the Committee meeting.

A special EFEE-pin had been given out to all conference attendants.

A complete corporate member study was done and the committee also had looked into the website design. The committee had also been looking into possibilities for Corporate members to advertise at the website. Future webinars have been discussed.

A discussion is held with the ISEE to see if any benefits can be made for the members who are members in both societies. They are also looking at possibility to have universities to be Association members. The committee is also looking into the possibilities to have members choosing a three year membership and they will gain a discount if they do so.

Action: The Council had no objections for the proposals by Jari Honkanen.

Jari showed a 2-minute video for advertising the benefits of being members of EFEE.

d. Newsletter

Teele and Viive Tuuna informed about the EFEE Newsletters.

A printed version of the newest Newsletter was handed out to the Council.

The newsletters will be published four times a year. The newsletters have an increased number of readers and more advertisements. By 2022 the numbers of readers have reached 13315.

The SOP had been updated by the committee.

e. EU-Directives

Jörg Rennert mentioned that the time during covid have been quiet.

Jörg summarized the ongoing work in the committee.

f. Constitution and By-Laws

Mark Hatt mentioned the document that formalize how the payments to Board should be carried out.

Every 50 Individual will have one Council member and every 10 Corporate member will have one Council member.

The Board had a proposal for Honourable Members.

Decision: The Council approved the suggestion of having Honourable Members to have the conference fee and the Gala dinner for free.

g. Election

The Chairman José Gois sent a letter to Individual and Corporate members in February 2022 and asked if they can propose representatives to the Council.

h. Conference

Nothing to report.

i. Environmental

Mathias Jern mentioned about the three ongoing projects;

Due to the corona virus no physical meetings were held during 2021 The Environmental committee held 3 online meetings during the year, there were also several mail discussions and skype meetings in smaller groups during the year, related to the three projects described below.

Three major projects have been addressed during the year.

1: The work related to the use of different standards in different countries.

The tests were made in Aitik, a large open pit mine in the north of Sweden during most part of 2021. Several online meetings have been held in this constellation.

A paper of the work done so far was presented at the ISEE conference in Las Vegas in January 2022.

2: A questionnaire was in 2020 sent out to the member of EFEE regarding HSE-issues. The survey was out during most part of 2020-2021 and have now been evaluated. The project was led by Espen Hugaas.

3: A project regarding CO2 emissions was initiated, the project is mainly handled by Ricardo Chavez and Thomas Pinel. The main goal is to make a tool for calculation of CO2 emissions available to the members of EFEE.

In 15th May of 2022, the three projects of the environmental committee will be presented in a workshop at the EFEE conference in Maastricht.

9. Any Other Business

Jari Honkanen took up the question if ADR should be discussed in EFEE.

Decision: Shotfiring and EU-directive committees shall discuss it.

10. Future Meetings, dates and places

- a. 12th November, 2022 in Istanbul, Turkey.
- b. 6th May 2023, Milano, Italy is preliminary.

11. Adjourn

The Vice President thanked all participants and closed the meeting.

Signed

Vice President /Viive Tuuna/

Date
