

**REPORT OF THE TRUSTEES AND
UNAUDITED FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2022
FOR
EUROPEAN FEDERATION OF CHEMICAL
ENGINEERING**

Magma Audit LLP
Magma House
16 Davy Court
Castle Mound Way
Rugby
CV23 0UZ

**EUROPEAN FEDERATION OF CHEMICAL
ENGINEERING**

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for the year ended 31 December 2022**

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EUROPEAN FEDERATION OF CHEMICAL ENGINEERING

REPORT OF THE TRUSTEES for the year ended 31 December 2022

Key Achievements during 2022

The European Federation of Chemical Engineering (EFCE) has promoted cooperation in Europe and elsewhere between non-profit making professional scientific and technical societies since 1953. In 2014, EFCE was registered as a Charitable Incorporated Organisation (CIO) to help it foster the general advancement of science and education of the public in chemical engineering. In addition, we support the development of chemical engineering in collaboration with our national member societies.

EFCE encourages progress in chemical engineering through facilitating the exchange of information and opinion in meetings, congresses and journals, supporting leading researchers and emerging talent through medals and prizes, and enabling industrialists and academics from across Europe to discuss topics of common concern.

2022 was the year of gradual return to normality after the long period of restrictions to travel and meetings in person due to the COVID pandemic: scientific conferences, seminars, workshops, etc. restarted to be held with a physical presence of participants.

On the other hand, the experience gained in 2020 and 2021 in organising web events made it possible to maintain some online activities, which have many advantages in terms of time, cost, environmental impact and inclusivity, as they make EFCE events more accessible to people who may not be able to attend an in-person event.

In particular, the EFCE Spotlight Talks webinars, organised by EFCE Working Parties (WPs) and Sections on topics selected by the WPs and Sections, have been a great success and became a regular feature of EFCE's calendar. Thanks to EFCE's Scientific Secretariat, led by Prof. Martine Poux of Toulouse, who coordinated them from the conceptual phase to their conclusion.

EFCE Management and Executive Boards therefore decided to include the Spotlight Talks in the regular yearly program of EFCE, organising two series (spring and autumn) in even years. In odd years, there will be only one series, held in spring each year, to avoid overlap with ECCE/ECAB European Conference, which takes place in the autumn.

During 2022 EFCE established a new Section, titled "Chemical Engineering as Applied to Medicine". In line with EFCE procedure, a preparatory committee was established, which developed the proposal for the Section organisation and presented it to EFCE's Executive Board for approval. The new Section held its first scientific meeting on December 5, 2022, in Paris as a EFCE European Forum on New Technologies. This was followed by the Section inaugural meeting, where the founding members elected the Chair and carried out other administrative functions.

Furthermore, EFCE started the process of establishing another new Section dedicated to Early Career Chemical Engineers and reactivating the Section on Sustainability, both of which are due to (re)start in 2023. Further details about these activities are reported below

The Presidents and Vice-Presidents of EFCE and ESBES met in Paris in December to coordinate common activities, in particular in relation to the ECCE/ECAB conference, to be held in Berlin in September 2023.

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OBJECTIVES AND ACTIVITIES

Working parties and sections

EFCE has 20 Working Parties and six Sections, whose activities span organising conferences, promoting and judging awards, and running summer courses for PhD students. The Working Parties and Sections (WP&S) are at the heart of EFCE's activities. They involve around 1000 volunteers from across Europe who are experts in their fields. Of these, 18% are industrial delegates.

WORKING PARTIES

- Agglomeration

Chair: Prof. S. HEINRICH, Hamburg/DE; email: stefan.heinrich@tuhh.de

- Characterisation of Particulate Systems

Chair: Prof. Martin MORGENEYER, Compiègne/FR; email: martin.morgeneyer@utc.fr

- Chemical Reaction Engineering

Chair: Prof. Kai-Olaf HINRICHSEN, Garching/DE; email: hinrichsen@tum.de

- Comminution and Classification

Chair: Prof. Arno KWADE, Braunschweig/DE; email: a.kwade@tu-bs.de

- Computer Aided Process Engineering

Chair: Prof. Flavio MANENTI, Milano/IT; email: flavio.manenti@polimi.it

- Crystallization

Chair: Prof. Daniele MARCHISIO, Torino/IT; email: danielle.marchisio@polito.it

- Drying

Chair: Prof. Angélique LEONARD, Liège/BE; email: a.leonard@ulg.ac.be

- Education

Chair: Prof. Eric SCHAEER, Nancy/FR; email: eric.schaeer@univ-lorraine.fr (until August 2022);

successor: Dr. Hermann J. FEISE, Ludwigshafen/DE; email: herman.feise@basf.com

- Electrochemical Engineering

Chair: Prof. Karel BOUZEK, Prague/CZ; email: karel.bouzek@vscht.cz

- Fluid Separations

Chair: Prof. Harry KOOIJMAN, Amsterdam/NL; email: Harry.Kooijman@shell.com and

Potsdam/USA; email: kooijman@clarkson.edu

- High Pressure Technology

Chair: Prof. Maria Jose COCERO ALONSO, Valladolid/ES; email: mjcocero@iq.uva.es

- Loss Prevention and Safety Promotion

Chair: Prof. Bruno FABIANO, Genoa/IT; email: brown@unige.it

- Mechanics of Particulate Solids

Chair: Prof. Diego BARLETTA, Fisciano (SA), Italy; email: dbarletta@unisa.it

- Mixing

Chair: Dr. Joëlle AUBIN, Toulouse/FR; email: joelle.aubin@ensiacet.fr

- Multiphase Fluid Flow

Chair: Prof. Michael SCHLÜTER, Hamburg/DE; email: michael.schlueter@tuhh.de

- Polymer Reaction Engineering

Chair: Prof. Markus BUSCH, Darmstadt/DE; email: markus.busch@pre.tu-darmstadt.de

- Process Intensification

Chair: Prof. Georgios STEFANIDIS, Athens/GR; email: gstefani@mail.ntua.gr

- Quality by Design

Chair: Prof. Christoph HERWIG, Wien/AT; email: christoph.herwig@tuwien.ac.at

- Static Electricity in Industry

Chair: Prof. Petro LLOVERA SEGOVIA, Paterna/ES; email: pedro.llovera@ite.es

- Thermodynamics and Transport Properties

Chair: Prof. Sabine ENDERS, Karlsruhe/DE; email: sabine.enders@kit.edu (until February 2022); successor: Prof. Maria Grazia DE ANGELIS, Edinburgh/UK; email: grazia.deangelis@ed.ac.uk

SECTIONS

- Energy

Co-Chairs: Prof. Fabrizio BEZZO, Padova/IT; email: fabrizio.bezzo@unipd.it and

Prof. François MARÉCHAL, Sion/CH; email: francois.marechal@epfl.ch (until October 2022); successors: Prof. Valerio COZZANI, Bologna/IT; e-mail: valerio.cozzani@unibo.it and Dr. Jan VERSTRAETE, Solaize/FR; email: jan.verstraete@ifpen.fr

- Food

Chair: Dr.-Ing. Volker HEINZ, Quakenbrück/DE; email: v.heinz@dil-ev.de

- Membrane Engineering

Chair: Prof. Enrico DRIOLI, Arcavacata di Rende/IT; email: e.drioli@itm.cnr.it

- Product Design and Engineering

**EUROPEAN FEDERATION OF CHEMICAL
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**REPORT OF THE TRUSTEES
for the year ended 31 December 2022**

Chair: Dr. Francesco PICCHIONI, Groningen/NL; email: f.picchioni@rug.nl

- Chemical Engineering as Applied to Medicine

Chair: Prof. Tomasz SOSNOWSKI, Warsaw/PL; email: tomasz.sosnowski@pw.edu.pl

- Early Career Chemical Engineers

Chair (appointed): Mr. Gabriele VERRECCHIA, Campagnano di Roma/IT; g.verrecchia5@gmail.com

Working Parties and Sections conduct their business throughout the year, and every group has at least one meeting per year. From mid-March 2020 until spring 2022 all planned business meetings of the Working Parties and Sections were held online.

In 2022, Working Parties and Sections were involved in a broad range of online events and webinar series and conferences.

EFCE events of 2022:

- Electrostatics 2022

Wrocław, Poland, and online, 28 March - 1 April 2022 (EFCE Event No. 774)

- EFCE Spotlight Talks

Online, 8 webinars, 19-29 April 2022

- International Conference on Population Balance Modelling - PMB2022

Lyon, France, 9-11 May 2022 (EFCE Event No. 785)

- Loss Prevention 2022 - 17th International Symposium on Loss Prevention and Safety Promotion in the Process Industries Prague, Czech Republic and online, 5-8 June 2022 (EFCE Event No. 765)

- 32nd European Symposium on Computer Aided Process Engineering - ESCAPE-32

Toulouse, France, 12-15 June 2022 (EFCE Event No. 778)

- 7th European Symposium on Commminution & Classification - ESCC2022

Toulouse, France, 27-29 June 2022 (EFCE Event No. 786)

- CHISA 2022 - 26th International Congress of Chemical and Process Engineering Prague, Czech Republic, 21-25 August 2022 (EFCE Event No. 787)

- AICHEMA 2022

Frankfurt, Germany, 22-26 August 2022 (EFCE Event No. 775)

- Distillation & Absorption 2022

Toulouse, France, 18-21 September 2022 (EFCE Event No. 780)

- World Congress of Particle Technology - WCPT9

Madrid, Spain, 18-22 September 2022 (EFCE Event No. 784)

- Chemistry and Chemical Technology

Kaunas, Lithuania, 14 October 2022 (EFCE Event No. 792)

- Energy, Environment & Digital Transformation - E2DT

Milan, Italy, 23-26 October 2022, (EFCE Event No. 781)

- EFCE Forum on Energy Environment and Digital Transformation

Milan, Italy, 25 October 2022

- EFCE Spotlight Talks

Online, 8 webinars, 15-25 November 2022

- 4th European Forum on New Technologies - Chemical Engineering as applied to Medicine

Paris, France, 5 December 2022?

**EUROPEAN FEDERATION OF CHEMICAL
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**REPORT OF THE TRUSTEES
for the year ended 31 December 2022**

OBJECTIVES AND ACTIVITIES

Awards

Excellence Awards

EFCE Excellence Awards recognise PhD theses or publications of young researchers published in preceding years which demonstrate the most outstanding contribution to research or the practice in the scientific fields of the EFCE Working Parties and Sections.

Awards typically comprise a certificate, a cash award of €1,500 and a €500 travel grant to attend the meeting at which the award will be presented.

In 2022, EFCE gave the following awards:

- Dr. Alessandro Di Pretoro and Dr. Ahmed Shokry Abdelaleem Taha Zied
2022 EFCE Excellence Award in Recognition of an Outstanding PhD Thesis on CAPE
Sponsor: Laboratoire de Génie Chimique
- Dr. Vineet Vishwakarma
2022 Excellence Award in Fluid Separations
Sponsor: Evonik
- Dr. Marvellous J. Khala
2022 Excellence Award in Mechanics of Particulate Solids
Sponsor: Jenike & Johanson, Inc.
- Dr. Federica Ovidi
2022 Excellence Award in Process Safety
Sponsor: Aspen Oss B.V.

Other Awards

- The Working Party on Computer Aided Process Engineering presented its Award for Recent Innovative Contribution (RIC) 2022 to Professor Rafiqul Gani
- The Working Party on Loss Prevention and Safety Promotion in the Process Industries presented the EFCE Loss Prevention Symposium Award 2022 to Professor Adam Markowski in recognition of his outstanding and long-life contribution to the advancement of process safety in thinking, education and training, and the practical application of process and plant safety.
- The Working Party on Static Electricity in industry presented:
 - the Helmut Krämer Award to Dr. Paul Holdstock for distinguished achievements in the science and engineering of electrostatics, developing safe technologies, innovative uses and applications. Dr. Holdstock delivered the Helmut Krämer Memorial Lecture.
 - the Stig Lundquist Award to Dr. Jeremy Smallwood in recognition of dedicated service and notable contributions to the advancement of the field of atmospheric and industrial electrostatics as a researcher and teacher. Dr. Smallwood delivered the Stig Lundquist Award Memorial Lecture.
 - the International Fellow Award in recognition of dedicated service and notable contributions to the advancement of the field of industrial electrostatics to Professor Daniel Lacks, Professor Roman Cimbalá and Dr. Poupak Mehrani.

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OBJECTIVES AND ACTIVITIES

2022 and beyond

External Engagement

SusChem

SusChem is the European Platform for Sustainable Chemistry, and an EFCE trustee is a member of its Board. SusChem has members from most major European chemicals companies and close collaboration with several Directorates of the European Commission.

The EFCE Education WP is involved in the skills work package of the European Commission-funded project IRIS (The International ecosystem for accelerating the transition to Safe-and-Sustainable-by-design materials, products and processes). The project is part of a broader drive by the Commission to develop Safe and Sustainable by Design (SSbD) strategies and guiding principles, establish networks and a process for implementation.

2022 also saw more work by SusChem on its Advanced Materials Manifesto, and a draft roadmap was published in June. There was agreement that SusChem should strive together with the Energy Materials Industrial Research Initiative for a leading role in the next phase of the Advanced Materials Initiative - an initiative by It is driven by the Energy Materials Industrial Research Initiative, in collaboration with SusChem and other European Platforms.. Advanced Materials is one of the three pillars of SusChem activity.

A-SPIRE

EFCE is an Associate Member of A-SPIRE, which is a partnership between ten industry groups and the European Commission. The groups represent cement, ceramics, chemicals, engineering, minerals and ores, non-ferrous metals, pulp and paper, refining, steel and water sectors. EFCE had input into A-SPIRE's roadmap "Processes4Planets - Transforming the European Process Industry for a Sustainable Society", which is available at <https://www.spire2030.eu/news/new/p4planet-roadmap-2050-advanced-working-version>

A-SPIRE now has new working groups covering energy, process optimisation and carbon capture and utilisation, industrial symbiosis, resources and circularity, framework conditions, and societal innovation.

Formation of New Section - Chemical Engineering as Applied to Medicine

As mentioned above, EFCE has established a new Section, Chemical Engineering as Applied to Medicine. Chemical engineers are already bringing a significant skillset to physiology and medicine. Particularly important are their modelling skills and systems engineering techniques - for example to tackle the complexity of physiology, transport and reaction engineering to model medical instruments such as dialysis, designing artificial organs processing chemical entities, developing devices controlling drug and nutrient feeds, and considering the effects of particulates on human health. Chemical engineers have been developing engineering design and analysis approaches to modelling biological systems across multiple levels - cell signalling networks, gene, protein and metabolic networks, movement of molecules and fluids, through to whole physiological systems.

The new Section aims to bring together the diverse activities of chemical engineers and their collaborators to share ideas, experience and techniques through meetings, workshops, and conferences, bringing together work by chemical engineers in different areas of medicine. It aims to work with professional bodies in physiology and medicine through joint workshops and to encourage joint projects amongst active members. It also seeks to inspire young people to study chemical engineering who also have an interest in medicine and health.

Formation of New Section - Early Career Chemical Engineers

The new Section will aim to inspire, inform and influence the European community of early career chemical engineers by supporting and promoting chemical engineering science, innovation, environmental protection and business ethics to meet the needs of society.

The new Section will seek to increase the engagement, and the staying up-to-date with the latest technological developments and ensuring new leaders are enrolled in EFCE in the coming years. The new Section will create technical and social programming for early career chemical engineering meetings, workshops, summer schools, and other EFCE events. It will support local member societies to deliver activities, facilitate opportunities to develop new initiatives within EFCE, and identify new communication platforms to reach the community.

Re-activation of the Section on Sustainability

The reactivated Section will highlight the role of chemical engineering in sustainable development and the impact of its community in decision making processes in assessing and evaluating new processes.

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OBJECTIVES AND ACTIVITIES

It will aim to direct chemical engineering priorities towards global and national priorities that relate to climate change, the loss of biodiversity, loss of ecosystem services, land degradation, and air and water pollution.

Chemical Engineering Skills Audit

A final report on the Chem Eng Skills Base Project undertaken in 2021 was produced and published on the EFCE website (see <https://efce.info/Publications/Statements+and+White+Papers.html>).

Conferences

EFCE spent considerable time in 2022 preparing the next iteration of the biennial European Congress of Chemical Engineering (ECCE), which is held in conjunction with the European Congress of Applied Biotechnology (ECAB). ECCE 14 and ECAB 7 will be held in the City Cube in Berlin 17-21 September 2023. ECCE/ECAB2023 will be titled "Chemical and Biochemical Engineering - Acting together" and cover nine themes. One will be dedicated to each of the new EFCE Sections - Chemical Engineering as Applied to Medicine and Early Career Chemical Engineers.

Another EFCE event was held in Milan, October 2022 in conjunction with the E2DT Congress. The event consisted of a plenary session by Hermann Feise followed by a discussion platform.

European Forum on New Technologies

EFCE organised the 4th European Forum on New Technologies as an event aligned with the new Section, Chemical Engineering as Applied to Medicine, on December 5, 2022, in Paris. Presenters showed how modelling and systems engineering techniques are being used to tackle the complexity of physiology, using transport and reaction engineering to model medical instruments such as dialysis, designing artificial organs, developing devices controlling drug and nutrient feeds, and exploring the effects of particulates on human health and more. The event was attended by 37 people from 11 different countries. The inaugural meeting of the new Section was held after the event.

Spotlight Talks

The EFCE organised a further two series of Spotlight Talks delivered by its Working Parties and Sections in 2022.

In Q2, the 3rd Series (held from 19-29 April 2022) featured eight webinars from the following Working Parties and Sections: CAPE, Crystallization, Drying, Education, High Pressure Technology, Mixing, Multiphase Fluid Flow, Membrane Engineering. Each webinar was on average attended by 80 participants (min 60; max 113). EFCE's Executive Board is very pleased with this number, which is equivalent or even higher than the number of participants in a thematic session at a generalist conference. In total, there were 637 participants in eight webinars, of which 437 were unique participants. 329 participants attended only one webinar, 67 participants attended two webinars, 16 attended three and 11 attended four webinars. The audience was obviously highly specialised, and sought knowledge in well-targeted areas. In terms of geographical origin, although there were connections from 40 different countries, the audience was mainly coming from Europe (Italy, Germany, France and Spain) (max: 98, min: 63). The important participation from the United States (33) should be also mentioned.

The 4th Series of Spotlight Talks, held from 15-25 November 2022, also consisted of eight webinars, prepared by the following Working Parties and Sections: Food, Mechanics of Particulate Solids, Polymer Reaction Engineering, Static Electricity, Energy, Loss Prevention and Safety Promotion in the Process Industries, Process Intensification, Chemical Reaction Engineering, Thermodynamics and Transport Properties. In total, 434 people attended this series, which gives an average of 54 attendees per webinar (min 19-max 80). This is slightly lower than the previous series, but it is still very good.

Another indicator which shows the attractiveness of the Spotlight Talks is the number of subsequent views of the recordings, which can reach some hundred after several months. The recordings of all the Spotlight Talks can be found on the EFCE YouTube Channel (see https://efce.info/Spotlight_Talks.html).

EUROPEAN FEDERATION OF CHEMICAL ENGINEERING

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OBJECTIVES AND ACTIVITIES

Administrative report

2022 was the eighth year of EFCE as a Charitable Incorporated Organisation. Whilst 2021 and 2020 saw us operating with limited face to face activities due to COVID-19 restrictions, in 2022 the Executive Board was able to meet in person in April in Frankfurt and in August in Prague. This provided the members of the Board a valuable opportunity to interact with their colleagues more effectively.

The Management Committee met monthly and ahead of the Executive Board meetings took place via videoconference. Progress of activities and monitoring of agreed actions took place effectively through the online platform Basecamp.

During the year, invoicing, forecasting and payment of expenses were closely managed in order to keep the EFCE accounts under control. While membership fees were held unchanged in 2021 to account for the financial effect of the COVID pandemic on member societies, 2022 fees were raised 3% to make up for rising costs.

Details about the economic and financial performance of the CIO are provided later in the financial report. At its April meeting the EFCE Executive Board agreed to donate its 2021 surplus and the 2022 membership fee of the Boreskov Institute of Catalysis in Russia to the International Red Cross to support humanitarian actions in Ukraine.

As mentioned earlier, EFCE online presence in 2022 was quite strong and was essential to keep close contacts with the scientific and chemical engineering community.

EFCE publicises its activities through its e-newsletter and six issues were published in 2022 (http://efce.info/EFCE_Newsletter.html). In addition, pdf versions are published on EFCE's social media pages and press releases (<https://efce.info/News.html>) highlight other news, mainly relating to the various EFCE awards. Sixteen press releases were published in 2022.

EFCE's social media pages can be found at:

- EFCE LinkedIn Group: http://bit.ly/EFCE_LinkedIn
- Twitter: https://twitter.com/EFCE_Comms
- Facebook: <https://www.facebook.com/theEFCE>
- YouTube: <https://www.youtube.com/channel/UCxuvfbb5ST3DMHLAwZ6326w>

STRUCTURE, GOVERNANCE AND MANAGEMENT

Governing document

The charity is controlled by its governing document, a deed of trust and constitutes an unincorporated charity.

Changes to the Board of Trustees

EFCE's member societies elected new officers and trustees at the General Assembly in 2021, resulting in a number of changes that took effect at the start of 2022.

Giorgio Veronesi, who previously served as Executive Vice-President, took the helm as President. Jarka Glassey joined the board as Executive Vice-President and Petr Kluson stepped up from ordinary trustee to the post of Scientific Vice-President.

Five members stepped down at the end of 2021, after completing their term - they are former President Hermann Feise, elected trustees Adisa Azapagic and Ferenc Friedler, as well as co-opted trustees Thaddeus Anim-Somuah and Hilke-Marie Lorenz. Additionally, Jon Prichard stepped down as appointed trustee in July 2022 as he was leaving IChemE.

In addition to the Executive Vice-President Jarka Glassey, new members joining the Board as elected trustees are Antonis Kokossis and Tomasz Sosnowski, alongside the new co-opted trustees Silvie Müller and Laura Pirro. Claudia Flavell-While was confirmed as the new appointed trustee representing IChemE.

Giorgio Veronesi, President

Petr Kluson, Scientific Vice-President

Jarka Glassey, Executive Vice-President

REFERENCE AND ADMINISTRATIVE DETAILS

Registered Charity number

1159541

**EUROPEAN FEDERATION OF CHEMICAL
ENGINEERING**

**REPORT OF THE TRUSTEES
for the year ended 31 December 2022**

Principal address

Davis Building
165-189 Railway Terrace
Rugby
Warwickshire
CV21 3HQ

Trustees

M Considine
F Nicol
G Veronesi
C Flavell-White (appointed 1/7/2022)
D Bogle
P Piccione
P Kluson
M Wilk
A ten Kate
J L Prichard (resigned 1/7/2022)
E Brunazzi
E Schaer
A Pey
M Rovaglio
Dr J Glassey (appointed 1/1/2022)
A Kokossis (appointed 1/1/2022)
T R Sosnowski (appointed 1/1/2022)
A Förster
A Ramirez-Gomez
Mrs S Muller (appointed 8/4/2022)
Mrs L Pirro (appointed 8/4/2022)

Independent Examiner

Magma Audit LLP
Magma House
16 Davy Court
Castle Mound Way
Rugby
CV23 0UZ

Approved by order of the board of trustees on 16-9-23 and signed on its behalf by:



.....
G Veronesi - Trustee

**INDEPENDENT EXAMINER'S REPORT TO THE TRUSTEES OF
EUROPEAN FEDERATION OF CHEMICAL
ENGINEERING**

Independent Examiner's Report to the Trustees of European Federation of Chemical Engineers

I report to the trustees (who are also Directors for the purpose of company law) on my examination of the financial statements of European Federation of Chemical Engineers ('the charitable company') for the year ended 31 December 2022 which comprise the Statement of Financial Activities, the Balance Sheet and related notes.

This report is made solely to the charity's trustees, as a body, in accordance with section 145 of the Charities Act 2011. My work has been undertaken so that I might state to the charity's trustees those matters I am required to state to them in this report and for no other purpose. To the fullest extent permitted by law, I do not accept or assume responsibility to anyone other than the charity and the charity's trustees as a body, for my work, for this report, or for the opinions I have formed.

Responsibilities and basis of report

As the trustees of charitable company you are responsible for the preparation of the financial statements in accordance with the requirements of the Companies Act 2006 ('the 2006 Act').

Having satisfied myself that the financial statements of the charitable company are not required to be audited under Part 16 of the Act and are eligible for independent examination, I report in respect of my examination of the charitable company's financial statements carried out under section 145 of the Charities Act 2011 ('the 2011 Act') and in carrying out my examination I have followed all the applicable Directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

An independent examination does not involve gathering all the evidence that would be required in an audit and consequently does not cover all the matters that an auditor considers in giving their opinion on the financial statements. The planning and conduct of an audit goes beyond the limited assurance that an independent examination can provide. Consequently I express no opinion as to whether the financial statements present a 'true and fair' view and my report is limited to those specific matters set out in the independent examiner's statement.

Independent examiner's statement

I have completed my examination. I confirm that no material matters have come to my attention in connection with the examination giving me cause to believe that in any material respect:

- accounting records were not kept in respect of the charitable company as required by section 386 of the 2006 Act; or
- the financial statements do not accord with those records; or
- the financial statements do not comply with the accounting requirements of section 396 of the 2006 Act other than any requirement that the financial statements give a 'true and fair view which is not a matter considered as part of an independent examination; or
- the financial statements have not been prepared in accordance with the methods and principles of the Statement of Recommended Practice for accounting and reporting by charities applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102).

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the financial statements to be reached.

Magma Audit LLP

Luke Edwards

Magma Audit LLP
Magma House
16 Davy Court
Castle Mound Way
Rugby
CV23 0UZ

Date: 16/9/23

**EUROPEAN FEDERATION OF CHEMICAL
ENGINEERING**

**STATEMENT OF FINANCIAL ACTIVITIES
for the year ended 31 December 2022**

	Notes	Unrestricted fund €	Restricted fund €	2022 Total funds €	2021 Total funds €
INCOME AND ENDOWMENTS FROM					
Charitable activities	2				
Charitable activities		<u>53,682</u>	<u>17,861</u>	<u>71,543</u>	<u>61,811</u>
EXPENDITURE ON					
Charitable activities	3				
Resources expended		37	-	37	29
Charitable activities		<u>63,518</u>	<u>-</u>	<u>63,518</u>	<u>52,101</u>
Other	5	<u>2,301</u>	<u>-</u>	<u>2,301</u>	<u>2,807</u>
Total		<u>65,856</u>	<u>-</u>	<u>65,856</u>	<u>54,937</u>
NET INCOME/(EXPENDITURE)		(12,174)	17,861	5,687	6,874
RECONCILIATION OF FUNDS					
Total funds brought forward		<u>107,040</u>	<u>-</u>	<u>107,040</u>	<u>100,166</u>
TOTAL FUNDS CARRIED FORWARD		<u><u>94,866</u></u>	<u><u>17,861</u></u>	<u><u>112,727</u></u>	<u><u>107,040</u></u>

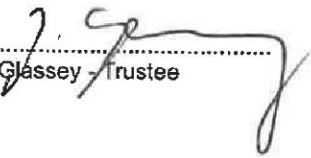
**EUROPEAN FEDERATION OF CHEMICAL
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**STATEMENT OF FINANCIAL POSITION
31 December 2022**

	Notes	Unrestricted fund €	Restricted fund €	2022 Total funds €	2021 Total funds €
CURRENT ASSETS					
Debtors	7	9,668	-	9,668	17,797
Cash at bank		97,148	17,861	115,009	129,554
		<u>106,816</u>	<u>17,861</u>	<u>124,677</u>	<u>147,351</u>
CREDITORS					
Amounts falling due within one year	8	(5,895)	-	(5,895)	(40,311)
NET CURRENT ASSETS		<u>100,921</u>	<u>17,861</u>	<u>118,782</u>	<u>107,040</u>
TOTAL ASSETS LESS CURRENT LIABILITIES		100,921	17,861	118,782	107,040
PROVISIONS FOR LIABILITIES	9	(6,055)	-	(6,055)	-
NET ASSETS		<u>94,866</u>	<u>17,861</u>	<u>112,727</u>	<u>107,040</u>
FUNDS	10				
Unrestricted funds				94,866	107,040
Restricted funds				17,861	-
TOTAL FUNDS				<u>112,727</u>	<u>107,040</u>

The financial statements were approved by the Board of Trustees and authorised for issue on 16/9/23 and were signed on its behalf by:


G Veronesi - Trustee


J Glassey - Trustee


M Considine - Trustee

**EUROPEAN FEDERATION OF CHEMICAL
ENGINEERING**

**NOTES TO THE FINANCIAL STATEMENTS
for the year ended 31 December 2022**

1. ACCOUNTING POLICIES

Basis of preparing the financial statements

The financial statements of the charity, which is a public benefit entity under FRS 102, have been prepared in accordance with the Charities SORP (FRS 102) 'Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (effective 1 January 2019)', Financial Reporting Standard 102 'The Financial Reporting Standard applicable in the UK and Republic of Ireland' and the Charities Act 2011. The financial statements have been prepared under the historical cost convention.

The presentational currency of this charity is Euros because this is also the functional currency.

The charity has taken advantage of the following disclosure exemptions in preparing these financial statements, as permitted by FRS 102 'The Financial Reporting Standard applicable in the UK and Republic of Ireland':

- the requirements of Section 7 Statement of Cash Flows.

Income

Licence fees and subscription income is recognised in the Statement of Financial Activities once the charity has entitlement to the funds, it is probable that the income will be received and the amount can be measured reliably.

Expenditure

Liabilities are recognised as expenditure as soon as there is a legal or constructive obligation committing the charity to that expenditure, it is probable that a transfer of economic benefits will be required in settlement and the amount of the obligation can be measured reliably. Expenditure is accounted for on an accruals basis and has been classified under headings that aggregate all cost related to the category. Where costs cannot be directly attributed to particular headings they have been allocated to activities on a basis consistent with the use of resources.

Taxation

The charity is exempt from tax on its charitable activities.

Fund accounting

Unrestricted funds can be used in accordance with the charitable objectives at the discretion of the trustees.

Restricted funds can only be used for particular restricted purposes within the objects of the charity. Restrictions arise when specified by the donor or when funds are raised for particular restricted purposes.

Further explanation of the nature and purpose of each fund is included in the notes to the financial statements.

Foreign currencies

At each year end foreign currency monetary items are translated using the closing rate. Non-monetary items measured at historical cost are translated using the exchange rate at the date of the transaction and non-monetary items measured at fair value are measured using the exchange rate when fair value was determined.

Foreign exchange gains and losses resulting from the settlement of transactions and from the translation at the year end exchange rates of monetary assets and liabilities denominated in foreign currencies are recognised in the statement of financial activities.

Financial instruments

The charity has chosen to adopt the Sections 11 and 12 of FRS 102 in respect of financial instruments.

(i) Financial assets

Basic financial assets, including debtors and cash and bank balances are initially recognised at transaction price, unless the arrangement constitutes a financing transaction, where the transaction is measured at the present value of the future receipts discounted at a market rate of interest.

(ii) Financial liabilities

**EUROPEAN FEDERATION OF CHEMICAL
ENGINEERING**

**NOTES TO THE FINANCIAL STATEMENTS - continued
for the year ended 31 December 2022**

1. ACCOUNTING POLICIES - continued

Financial instruments

Basic financial liabilities, including creditors are initially recognised at transaction price, unless the arrangement constitutes a financing transaction, where the debt instrument is measured at the present value of the future receipts discounted at a market rate of interest.

Cash and cash equivalents

Cash and cash equivalents are represented by cash in hand, deposits held at call with financial institutions, and other short-term highly liquid investments that mature in no more than three months from the date of acquisition and that are readily convertible to known amounts of cash with insignificant risk of change in value.

Critical accounting estimates and assumptions

The charity makes estimates and assumptions concerning the future. The resulting accounting estimates will, by definition, seldom equal the related actual results. The estimates and assumptions that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are addressed below.

(i) Impairment of debtors

The charity makes an estimate of the recoverable value of trade and other debtors. When assessing impairment of trade and other debtors, the trustees consider factors including the current credit rating of the debtor, the ageing profile of debtors and historical experience.

2. INCOME FROM CHARITABLE ACTIVITIES

	Activity	2022 €	2021 €
Subscription income	Charitable activities	34,158	32,691
Licence fee	Charitable activities	11,024	13,108
Lifetime Recognition Award	Charitable activities	17,861	-
Sponsorship	Charitable activities	8,500	16,012
		<u>71,543</u>	<u>61,811</u>

3. CHARITABLE ACTIVITIES COSTS

	Direct Costs (see note 4) €	Support costs €	Totals €
Resources expended	-	37	37
Charitable activities	63,518	-	63,518
	<u>63,518</u>	<u>37</u>	<u>63,555</u>

**EUROPEAN FEDERATION OF CHEMICAL
ENGINEERING**

**NOTES TO THE FINANCIAL STATEMENTS - continued
for the year ended 31 December 2022**

4. DIRECT COSTS OF CHARITABLE ACTIVITIES

	2022	2021
	€	€
Sundries	456	-
Excellence awards	6,300	7,507
Working party grants	1,000	-
General secretarial	30,000	30,000
Memberships	1,000	1,000
Bad debts	-	2,285
UK secretarial fee	12,996	10,109
Scientific projects	1,354	1,200
Donations Paid	10,412	-
	<u>63,518</u>	<u>52,101</u>

5. OTHER

	2022	2021
	€	€
Independent examination fee	2,448	2,477
Exchange Differences	(147)	330
	<u>2,301</u>	<u>2,807</u>

6. TRUSTEES' REMUNERATION AND BENEFITS

There were no trustees' remuneration or other benefits for the year ended 31 December 2022 nor for the year ended 31 December 2021.

Trustees' expenses

During the year, trustees received reimbursement of expenses of €2,383 (2021: €387) for travel and other expenses.

7. DEBTORS: AMOUNTS FALLING DUE WITHIN ONE YEAR

	2022	2021
	€	€
Trade debtors	9,668	16,659
Prepayments and accrued income	-	1,138
	<u>9,668</u>	<u>17,797</u>

**EUROPEAN FEDERATION OF CHEMICAL
ENGINEERING**

**NOTES TO THE FINANCIAL STATEMENTS - continued
for the year ended 31 December 2022**

8. CREDITORS: AMOUNTS FALLING DUE WITHIN ONE YEAR

	2022	2021
	€	€
Trade creditors	519	34,543
Other creditors	5,376	5,768
	<u>5,895</u>	<u>40,311</u>

9. PROVISIONS FOR LIABILITIES

	2022	2021
	€	€
Provisions	6,055	-
	<u>6,055</u>	<u>-</u>

10. MOVEMENT IN FUNDS

	At 1/1/22 €	Net movement in funds €	At 31/12/22 €
Unrestricted funds			
General fund	107,040	(12,174)	94,866
Restricted funds			
Restricted Fund	-	17,861	17,861
TOTAL FUNDS	<u>107,040</u>	<u>5,687</u>	<u>112,727</u>

Net movement in funds, included in the above are as follows:

	Incoming resources €	Resources expended €	Movement in funds €
Unrestricted funds			
General fund	53,682	(65,856)	(12,174)
Restricted funds			
Restricted Fund	17,861	-	17,861
TOTAL FUNDS	<u>71,543</u>	<u>(65,856)</u>	<u>5,687</u>

Comparatives for movement in funds

	At 1/1/21 €	Net movement in funds €	At 31/12/21 €
Unrestricted funds			
General fund	100,166	6,874	107,040
TOTAL FUNDS	<u>100,166</u>	<u>6,874</u>	<u>107,040</u>

**EUROPEAN FEDERATION OF CHEMICAL
ENGINEERING**

**NOTES TO THE FINANCIAL STATEMENTS - continued
for the year ended 31 December 2022**

10. MOVEMENT IN FUNDS - continued

Comparative net movement in funds, included in the above are as follows:

	Incoming resources €	Resources expended €	Movement in funds €
Unrestricted funds			
General fund	61,811	(54,937)	6,874
TOTAL FUNDS	<u>61,811</u>	<u>(54,937)</u>	<u>6,874</u>

A current year 12 months and prior year 12 months combined position is as follows:

	At 1/1/21 €	Net movement in funds €	At 31/12/22 €
Unrestricted funds			
General fund	100,166	(5,300)	94,866
Restricted funds			
Restricted Fund	-	17,861	17,861
TOTAL FUNDS	<u>100,166</u>	<u>12,561</u>	<u>112,727</u>

A current year 12 months and prior year 12 months combined net movement in funds, included in the above are as follows:

	Incoming resources €	Resources expended €	Movement in funds €
Unrestricted funds			
General fund	115,493	(120,793)	(5,300)
Restricted funds			
Restricted Fund	17,861	-	17,861
TOTAL FUNDS	<u>133,354</u>	<u>(120,793)</u>	<u>12,561</u>

11. RELATED PARTY DISCLOSURES

There were no related party transactions for the year ended 31 December 2022.

**EUROPEAN FEDERATION OF CHEMICAL
ENGINEERING**

**DETAILED STATEMENT OF FINANCIAL ACTIVITIES
for the year ended 31 December 2022**

	2022 €	2021 €
INCOME AND ENDOWMENTS		
Charitable activities		
Subscription income	34,158	32,691
Licence fee	11,024	13,108
Lifetime Recognition Award	17,861	-
Sponsorship	8,500	16,012
	<u>71,543</u>	<u>61,811</u>
Total incoming resources	71,543	61,811
EXPENDITURE		
Charitable activities		
Sundries	456	-
Excellence awards	6,300	7,507
Working party grants	1,000	-
General secretarial	30,000	30,000
Memberships	1,000	1,000
Bad debts	-	2,285
UK secretarial fee	12,996	10,109
Scientific projects	1,354	1,200
Donations Paid	10,412	-
	<u>63,518</u>	<u>52,101</u>
Other		
Independent examination fee	2,448	2,477
Exchange Differences	(147)	330
	<u>2,301</u>	<u>2,807</u>
Support costs		
Finance		
Bank charges	37	29
Total resources expended	65,856	54,937
Net income	5,687	6,874

