

# 2021 - 2022 ANNUAL REPORT and FINANCIAL STATEMENTS

# Mission

To promote and advance the science of geology and its professional application in all disciplines, especially the geosciences and to facilitate the exchange of information and ideas in relation thereto.

To require its Members to uphold, develop and maintain the highest professional standards in the practice of their profession, as described in the Company's Code of Ethics and Conduct.

June 2022

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# 1.0 Presidents Report

There was an air of optimism as we moved from 2021 into 2022; the Covid restrictions finally abated in Ireland, human contact increased, and the economy was on a good footing. Unfortunately, the devastating invasion of Ukraine, the persisting pandemic impacts particularly in developing countries and the knock-on impacts such as inflation, energy insecurity, political instability and an economic slow-down will ensure the challenging times continue.

Despite the continuing challenging times, the geoscience profession is going from strength to strength. Geoscientists are busier than ever, and we are all making the most of the new hybrid methods of working and communicating. The public awareness and faith in science is at an all-time high as is evidenced in Ireland's public health response to the pandemic and the general acceptance in climate change science nationally and internationally. The central role Geoscientists must play in areas such as energy transition, geothermal energy, critical metal/mineral supply, environmental protection, sustainable development and the circular economy is clearly evident and is evolving continually. Effective communication, research, data collection, collaboration and education are some of the tools required along with government and policy support, so that Geoscience can continue to play a pivotal role into the future.

The IGI has endeavoured to stay engaged in the evolving landscape, with a number of initiatives such as the Minerals Information Working Group, Equity Diversity and Inclusion Committee, Energy Geoscientists Working Group, Irish Geoscience Network among others. All these initiatives rely on the valued efforts of the membership who continue to give so generously of their time and knowledge to progress the objectives of the IGI and advance geoscience generally. The membership has continued to grow with both early career scientists through to established experts who have made the time to join in recent years. As always, the organization welcomes and relies on new ideas and energy from members to keep the momentum growing.

# 1.1 Acknowledgements

One of the most positive influences on the IGI in recent years has been our Executive Secretary, Karen-Lee Ibbotson. She has been an invaluable support to the board, the membership, myself and a number of the past presidents over the past five years. She is the first point of contact for the IGI and has brought a warmth, professionalism and understanding to the office which has aided the organization grow and evolve to where it is today. The importance of Karen-Lee's service was heightened during Covid. Many of us experienced long periods of isolation and communication with the office and Karen-Lee's good nature brought some relief to many. On behalf of the board and membership I want to thank her sincerely for all her hard work and wish her, Jim, and family all the very best in her new path as a teacher.

I would like to sincerely thank the board members of the IGI this year who put in an enormous effort to keep the board running effectively: Vice President, Eoin Wyse; Honorary Secretary, Jon Hunt; Treasurer, Suzanne Tynan and Board Members Paul McDermott, Alison Orr, Siobhán Power, Yvonne O'Connell, Emer Blackwell and Aaron Clarke. We had two board babies arrive during this term and we wish Alison and Emer and their respective families all the best with their new arrivals. Alison, Aaran and Jon are retiring from the board this year and I would like to thank them sincerely for their great commitment to the initiatives they've driven during their time on the board. Alison recently chaired the Energy Geoscientists Working Group, participated in the CPD committee and has been a valuable board member for a number



of years. Jon has served as Honorary Secretary and Treasurer and has been a valued board member for many years. We wish him all the best in his new position as he manages and grows the successful Irish office of an international consultancy.

I would like to convey my gratitude to all the IGI's Validation Committee members. There have been several marathon Zoom interview sessions over the current term to cater for the continuing exceptionally high number of candidates applying for membership. I would like to especially thank Chairperson Morgan Burke, for tirelessly running the committee with utmost professionalism and commitment. Their invaluable work ensures the continuing growth of membership while maintaining high standards for PGeo admission. I would also like to thank Eamonn Kelly for his ongoing support as webmaster of the IGI website.

I want to thank members who have volunteered their time and efforts to IGI Working Groups and Committees, and as representatives to external bodies (see sections 4 and 9), ensuring that the activities of the IGI are member-led, collaborative, relevant and effective. I also wish to thank the Past Presidents of the Institute who are always on hand to offer advice and help out.

The IGI acknowledges the continued support of our sponsoring bodies, the Irish Mining & Quarrying Society (IMQS), Geophysical Association of Ireland (GAI), Geotechnical Society of Ireland (GSI), Irish Association for Economic Geology (IAEG) and the International Association of Hydrogeologists (Irish Group, IAH).

# 1.2 The year in review 2021-2022

# 1.2.1 Minerals Information Working Group

The Minerals Information Working Group (MIWG) remains the largest working group established by the IGI in recent years. In March 2021 a significant body of work from the (MIWG) was published in IGI's first major public engagement campaign. The factsheets and information continue to be used and the programme of dissemination continues into the 2021-2022 term. A number of meetings were held with public representatives and the new MIWG chair Emer Blackwell partook in a radio interview.

The MIWG made a submission to the consultation response to the Draft Policy Statement on Mineral Exploration in October 2021. The IGI was requested to participate in the townhall stakeholder public engagement meeting held on the consultation and Eoin Wyse Vice President was on the panel for what was an informed debate.

The IGI as head of the IGN were requested to nominate five members for the Department of Environment, Climate and Communications (DECC) Advisory Group on Mineral Exploration and Mining. The group began its work in 2022 and has 15 members representing the Environmental, Economic and Social Pillars. The inclusion of the IGI and IGN is testament to the relevance of the organisations and the valuable science based contributions our members can impart to such important groups.

The MIWG are continuing to meet and they are planning an in person event for later in 2022. Any new members or contributions are always welcome.



#### 1.2.2 Courses and webinars

The IGI continued to deliver a series of events in 2021-2022, mainly online via Zoom. We have aimed to provide regular CPD opportunities throughout the year and so far have delivered:

- Practical Geo-communication Course (licensed online access Jan 2021 Jan 2022)
- Talk by Mrs Dawn Garcia, President of the American Institute of Professional Geologists (AIPG)
   "Greetings from Across the Pond: An Introduction to the American Institute of Professional
   Geologists (AIPG) and an Introduction to Work in Mexico"
- QGIS Course Introduction to QGIS 3.16 LTR delivered by Shane Carey, Information Systems
  Consultant. The course was run on two occasions in 2022 such was the high demand from
  members.

Suggestions for course or webinars which provide CPD learning hours are always welcome and in person training will resume in the coming months with a number of logging courses planned.

#### 1.2.3 Governance

The IGI has recently become members of Charities Institute Ireland (CII). The CII's mission is to provide leadership in the sector by empowering charities to maximise their impact, particularly through best practice in governance, finance and sustainable fundraising management. The IGI Board decided that additional training and support was needed to ensure the organisation keeps informed on governance requirements. The CII provides valuable resources and training and all board members will be required to undertake the Certificate in Best Practice for charity trustees. Further information can be found on their website <a href="https://www.charitiesinstituteireland.ie/">https://www.charitiesinstituteireland.ie/</a>.

The IGI has continued to improve on written procedures and policies and this year has updated the following documents:

- Nominating Committee Terms of Reference
- Complaints Procedure and Form (now published on the website)
- Membership Guidelines to reflect changes relating to overseas applicants
- IGI Guide to Public Reporting for Mineral Companies in Europe (PERC)
- Equality, Diversity and Inclusion Charter

Sincere thanks to all those members involved and we will continue to update procedures as required during the next term.

# 1.2.4 Representation

This year the IGI maintained its public profile on a number of fronts, in line with the 2019-2024 strategy. We responded to a number of issues concerning geoscience in Ireland through the year via public consultations or direct representations:

- Dept. of the Environment, Climate and Communications Draft Policy Statement on Geothermal Energy
- Dept. of the Environment, Climate and Communications: Draft Policy Statement on Mineral Exploration and Mining in Ireland.
- Dept. of the Environment, Climate and Communications: SEA Scoping on Minerals Policy

The IGI normally participates in key geoscience events each year as a sponsor and exhibitor. These opportunities were largely lacking in 2021-2022 due to pandemic restrictions. The IGI sponsored the very successful iGEO2022 event in June 2022 with members involved in giving workshops and the career fair (further information in Section 6.0).

The IGI was pleased to participate in the Geological Survey of Northern Ireland's second **Science Advisory Committee** meeting in May 2022. The IGI continues to facilitate collaboration in the geoscience community, through convening the **Heads of Geoscience Groups forum**, which met 3 times through the year, and the **Irish Geoscience Network** meeting which was held in March 2022. The IGI wishes to thank all participants who have given up their time during the year to make sure that the geoscience community in Ireland is connected and working together.

#### 1.2.5 Sad news of Colleagues and Friends

# **Shane Bennet**

In 2021 we lost a number of colleagues and friends. The untimely passing of one of our colleagues, Shane Bennet occurred in June 2021. Shane died suddenly while in the United States.





Teri Hayes PGeo has shared the following words: "Shane commenced his career as a hydrogeologist in America, gaining wide experience in the area of contamination investigation and remediation. When he came back to Ireland he worked with Kevin Cullen and Co. before starting up his own consultancy, SM Bennet & Co Ltd. Later in life Shane combined his love of hydrogeology with teaching Maths, Geology and Geography in Headford School and High School Rathgar and was active in promoting geology widely. For those of us who worked under his guidance in KT Cullen's, it was no surprise to learn that he had also became a teacher, as we had benefited so much by being his students during our first footsteps as environmental consultants. Shane was a true gentleman and will be missed in the Geoscience world. Our condolences to his children, John and Charlotte and all of his family. Ar dheis Dé go raibh a hanam".

# **Professor George Sevastopulo**

In September 2021 Professor George Sevastopulo passed away passed away peacefully in Dublin. Our condolences to his wife Rose, children Demetri, Marigo, Colm and Ann and all of his family. Ar dheis Dé go raibh a hanam.



#### 1.2.6 IGI Statement on Ukraine

Following the devasting invasion and ensuing war in Ukraine, IGI issued a statement on the website condemning the war and calling for a peaceful resolution. There have been a number of initiatives via the European Federation of Geologists and the European Geological Survey including online information portals with information on practical requirements for Ukrainian's who have to flee. The IGI community can assist linking refugees with offers of accommodation, jobs and transport in Ireland if required. The IGI made a donation to the Irish Red Cross and any suggestions on any helpful initiatives are welcome from the membership.



# 1.3 AGM 2022 & Closing

The previous two AGMs have been held as solely online meetings. This year we are very pleased to be in a position to hold a hybrid meeting with members attending either virtually on in person at 63 Merrion Square on 27<sup>th</sup> June. We are very much looking forward to meeting up in person again at the AGM. We will be holding a social gathering after the meeting as well as the long overdue Medal of Honour presentation to EurGeol Dr Eibhlín Doyle PGeo who was awarded the medal in 2020.

We will continue to hold board meetings mainly online for the next term which allows for more efficient participation as we thankfully have board members spread across the country. We will also endeavour to hold a mixture of online and in person talks and events to cater for members requirements and locations.

I have very much enjoyed my first year serving the membership as President and I look forward to another progressive year with the incoming board.

EurGeol Cian O'Hora PGeo 17<sup>th</sup> June 2022

# 2.0 Hon. Secretary's Report

The 2021 Annual General Meeting (AGM) of the IGI was held remotely via Zoom on 16<sup>th</sup> June. The meeting was chaired by the President, EurGeol Mairéad Glennon PGeo.

At the AGM the following were elected to the Board of the IGI to serve during the year 2020-2021:

President Cian O'Hora

Vice President Eoin Wyse

**Honorary Treasurer** Suzanne Tynan

**Honorary Secretary** Jon Hunt

**Board Members** Paul McDermott, Alison Orr, Emer Blackwell, Yvonne O'Connell, Siobhán Power, Aaron Clarke

There were no extraordinary general meetings in 2021 – 2022.

# 2.1 Board Meetings

The IGI Board met on 9 occasions since the last AGM:

- 30<sup>th</sup> September 2021
- 9<sup>th</sup> November 2021
- 14<sup>th</sup> December 2021
- 26<sup>th</sup> January 2022
- 2<sup>nd</sup> March 2022
- 6<sup>th</sup> April 2022
- 11<sup>th</sup> May 2022
- 15<sup>th</sup> June 2022
- 27<sup>th</sup> June 2022

# 2.2 Membership

The total membership as of the 1<sup>st</sup> June 2022 was 352 (up from 338 in June 2021) with the following membership numbers:

- 236 Professional Members (PGeo); 201 of whom are EFG members (EurGeol)
- 66 Members in Training (MIT);
- 19 Retired Members;
- 3 Associate Members: and
- 28 Student Members.

The membership grew by the following numbers in the year 2021 - 2022:

- 22 new professional members
- 16 new MITs
- One new retired members
- One new Associate Membership
- Five new Student Members

During the period 2021-2022 the following changes occurred in the members database:



- 2 members (MIT) were de-listed due to non-payment of fees and non-submittal of CPD
- 3 PGeo resigned their membership
- 12 members changed their membership status:
  - 2 STUDENT members became MEMBERS-IN-TRAINING
  - 8 MEMBERS-IN-TRAINING became PROFESSIONAL MEMBERS
  - 2 PROFESSIONAL MEMBERS became RETIRED MEMBERS

# 2.3 Members in Good Standing

To be a 'Member in good standing' of the IGI you must have completed and returned your CPD record for the previous year and be fully paid up in terms of subscription. It is up to individual Members to ensure that they comply with these requirements.

General compliance with the IGI CPD requirements has continued to improve. To try to reduce the burden on the IGI office in chasing up CPD and fee de-faulters, an administrative fine is levied on members who remain in default after 31<sup>st</sup> March each year. Communications are issued from the office to members in default. Please do ensure we have your up-to-date email address(es) on file.

#### 2.4 IGI Administration

The IGI Board, various committees, panels and working groups continue to be supported by the IGI Executive Secretary Karen-Lee Ibbotson. Once again Karen-Lee's efficiency and enthusiasm has greatly helped the organisation run smoothly and through the year we received many messages of thanks from members on foot of their interactions with Karen on administrative matters. However, it is with regret that we announce Karen's resignation from her position of Executive Secretary. We wish Karen the very best of luck in her new adventures and we are eternally grateful for the service that she has provided to the IGI in her time here. She will be greatly missed by all of us.

# 2.5 Secretary's Appreciation

I would like to thank the Board Members for dedicating their time and effort to the work of the IGI Board throughout the year. Their dedication to the continued progress of the IGI and the geosciences in Ireland is recognised by the geoscience community in Ireland and Europe. As a result the IGI continues to be a leader amongst national organisations across the globe. The Board is supported in their work various committees, panels and working groups. The success of these groups is entirely dependent on members volunteering their time, knowledge and experience. I thank each of you for your continued commitment. In particular the work of Morgan Burke and the Validation Committee, which continues to ensure that applications are reviewed and validation interviews held in a timely manner, is acknowledged. The large influx of applications that has occurred over the last number of years and which the committee deals with admirably, has not gone unnoticed. In addition I thank Paul McDermott and Eoin Wyse for their work in continuing to ensure CPD returns attain our high standards. Finally and on behalf of IGI, I acknowledge the support of all of the members for continuing to support the IGI through their attendance at our events.

EurGeol Dr. Jon Hunt PGeo Honorary Secretary June 2022



# 3.0 Hon. Treasurer's Report

The (Draft) Annual Report and Financial Statements for the for the financial year ended 31 December 2021, as prepared by Kieran Ryan & Co., Chartered Accountants and Registered Auditors, is attached to the Annual Report. This is the twelfth year Kieran Ryan & Co. has audited the IGI's accounts and prepared its financial statement. The financial statement reflects the IGI's financial position at the year ended 31<sup>st</sup> December 2021.

Total income for 2021 was €50,916, compared to €44,054 in 2020. Total expenditure for 2021 was €63,034 compared to €44,654 in 2020.

The IGI therefore had a net (income versus expenditure) deficit of €12,099 at the end of 2021 compared to a deficit of €497 at the end of 2021. This deficit primarily arises from the decision of the board to run free CPD courses during the Covid-19 pandemic, as a service to our members, and which is consistent with our status as a registered charity. There was no increase in the membership fee during 2021.

The IGI held a cash equivalent of €80,410 at year end 2021, with approximately half of the assets in a low yielding savings account. This is a significant sum and ideas are welcome from our members on how we might use some of this to the benefit of our members.

EurGeol Suzanne Tynan PGeo Honorary Treasurer June 2021

# 4.0 IGI Committee and Working Group Reports

# 4.1 Validation Committee

The Validation Committee held six validation interview sessions since the last AGM in June 2021. A total of twenty-two applicants for Professional Membership and sixteen for Membership-in-Training were processed/interviewed during this period. All twenty-two PGeo candidates were successful in being elected to Professional Membership following their attendance at an online validation interview. The IGI has traditionally held face-to-face interviews, except in exceptional circumstances, but has continued with the online format adopted during the pandemic restrictions.

As with the 2020 - 2021 period, the last twelve months has seen an increased intake of new members. In previous years typically 10 candidates were elected to professional membership. While IGI welcomes this increased level of interest it is unclear if it is a reflection of the increased awareness and importance of the PGeo title, or due to growth of the number of geoscientists working in Ireland or simply for some other reason.

Following discussion at the 2021 AGM regarding the admission of applicants with no connection to Irish geoscience, the application guidelines were revised to reflect the need for candidates to have a link with Irish geoscience through either education or professional practice. In the event of an application not having any connection to Irish geoscience then that applicant will be directed to the relevant organisation in the country where he/she practice geoscience. Alternatively, the applicant may be considered for admission as a Member-in-Training of IGI if deemed appropriate by the Validation Committee. Since the guidelines were updated, IGI received one enquiry from a geoscientist without any connection to Irish geoscience. In this instance the applicant was directed to the relevant national professional geoscience organisation.

# 4.1.1 Newly elected Professional Members

On the 22<sup>nd</sup> November 2021 a panel consisting of Morgan Burke, Cecil Shine and Dave Blaney interviewed four candidates:

- i) Clodagh Gillen
- ii) Conor McGrath
- iii) Sean Ross
- iv) Dr. Enrique Acosta Arias

All four candidates met the required educational and professional criteria and were recommended by the interviewing panel for acceptance as Professional Geologists. They were elected to membership by the Board at their meeting on 14<sup>th</sup> December 2021.

On the 29<sup>th</sup> November 2021 a panel comprising Morgan Burke, John Kelly and Deirdre Lewis interviewed two candidates:

- i) Austin Hynes
- ii) Sean Troy



All candidates met the required educational and technical criteria and were recommended by the interviewing panel for acceptance as Professional Geologists. They were elected to membership by the Board at their meeting on 14<sup>th</sup> December 2021.

On the 6<sup>th</sup> December 2021 a panel comprising Morgan Burke, Marie Fleming and Sean Finlay interviewed three candidates:

- i) Dr. Niamh O'Sullivan
- ii) Stephen Curtis
- iii) Mark Patton

All candidates met the required educational and technical criteria and were recommended by the interviewing panel for acceptance as Professional Geologists. They were elected to membership by the Board at their meeting on 14<sup>th</sup> December 2021.

On the 13<sup>th</sup> December 2021 a panel comprising Morgan Burke, Dave Blaney and Nick O'Neill interviewed four candidates:

- i) Finn Oman
- ii) Kathryn Nolan
- iii) James White
- iv) Dr. James Hendry

All candidates met the required educational and technical criteria and were recommended by the interviewing panel for acceptance as Professional Geologists. They were elected to membership by the Board at their meeting on 14<sup>th</sup> December 2021.

On the 25<sup>th</sup> April 2022 a panel comprising Morgan Burke, Deirdre Lewis and John Kelly interviewed three candidates:

- i) James Cashen
- ii) Daniel Ryczek
- iii) Dr. Patrick Redmond

All three candidates met the required educational and technical criteria and were recommended by the interviewing panel for acceptance as Professional Geologists. They were elected to membership by the Board at their meeting on 11<sup>th</sup> May 2022.

On the  $9^{th}$  May 2022 a panel comprising Morgan Burke, Catherine Buckley and Robbie Meehan interviewed four candidates:

- i) Colm Driver
- ii) Paul Heaney
- iii) Joel Panayotou
- iv) David Mullan



All three candidates met the required educational and technical criteria and were recommended by the interviewing panel for acceptance as Professional Geologists. They were elected to membership by the Board at their meeting on 11<sup>th</sup> May 2022.

# 4.1.2 Newly elected Members-in-Training

Sixteen applicants for the Member-in-Training category were approved since the last AGM in June 2021. These new MITs are:

- i) Greg Fortune MIT
- ii) Orlaith Tyrrell MIT
- iii) Robert Donohue MIT
- iv) Seán Cunningham MIT
- v) Lynne Doyle MIT
- vi) Marc Keating MIT
- vii) Samuel Irwin MIT
- viii) Sophie Lilburn MIT
- ix) Magdalena Kluj MIT
- x) Sonya O'Loughlin MIT
- xi) Shane McQuillan MIT
- xii) Henry Glass MIT
- xiii) Dr. Alexander Russell MIT
- xiv) Seán Connell MIT
- xv) Ciarán Tierney MIT
- xvi) Joshua Smiles MIT

The mix and competence of candidates interviewed and assessed in the past year has demonstrated the varied disciplines in the IGI, extending from mineral geology, to hydrogeology, to environmental geology. The elected candidates are a welcome addition to the collective experience of IGI members.

EurGeol Morgan Burke PGeo Chair of the Validation Committee June 2022

#### 4.2 Ethics Committee

The Ethics Committee in 2021 – 2022 comprised EurGeol. Sean Moran PGeo (Chair), Mags Keegan PGeo, and EurGeol. Mark Holdstock PGeo. Following the formation of the new committee, a review of procedures was commenced to support the work of both the Ethics and Disciplinary Committees.

The Ethics Committee took a significant step forward this year when it published a Complaints Form outlining the mechanism and procedures via which a complaint can be made against a registered member and the steps that will be taken thereafter. The form is live on the IGI website and can be viewed at: http://igi.ie/assets/uploads/2022/03/The-Institute-of-Geologists-of-Ireland-Complaints-Form.pdf

The Ethics Committee can confirm that no complaints were adjudicated upon in the last year.

# 4.3 Disciplinary Committee

The members of the Disciplinary Committee are EurGeol. Nick O'Neill PGeo (Chair), EurGeol. Dr. Deirdre Lewis PGeo and EurGeol. Teri Hayes PGeo. Teri was newly appointed to the Committee in 2021 and Nick moved into the position of Chair.

The Disciplinary Committee can confirm that no complaints were adjudicated upon in the last year.

#### 4.4 Contaminated Land Working Group

The Contaminated Land working group met on the 4<sup>th</sup> May 2022. The chair with the support of some Board Members had prepared a Terms of Reference document and this was circulated along with an invite to members to join the Working Group.

We had a great attendance at the first official Working Group with a truly diverse attendance. Thirteen people attended the zoom meeting, ranging from academics to regulators with a couple of consultants thrown into the mix. A number of topics were discussed and a number of actions were assigned. Foremost among these actions is to look at identifying opportunities for training which we can provide to our members. The status of the Register of Professional Qualified Geoscientists/Competent Persons: Regulated and Unregulated Waste Disposal/Contaminated Land Assessments was also discussed. It was recognised that this will require review (and a shorter name!) to reflect the various areas where a competent person would be required in the assessment of land contamination. These CP's will be required, outside of the field of unregulated landfills.

Finally, there was discussion about looking at what could be done to increase the profile of contaminated land management and how this science ties into sustainable construction, circular economy and the UN Strategic Development Goals.

We are currently looking at setting a date to have our second meeting and looking forward to future developments. If you want more information, please do not hesitate to contact the office.

EurGeol Claire Clifford PGeo, Chair of the CLWG



# 4.5 Environmental Impact Assessment Reporting Working Group

The existing IGI guidance needs updating to reflect changes in the environmental impact assessment procedures and reporting, arising from an amendment to the EU EIAR Directive (EU Directive 2011/92/EU and its subsequent amending Directive 2014/52/EU) in so far as they apply to the soils, geology and water elements of the environment.

A working group was set up in 2019, now comprising 6 people, following on from a call to the IGI membership for volunteers. It includes members from public service and industry, with a range of experience across the areas of the guidance.

- Review of the existing guidelines to identify the areas which need updating and additional topics which need inclusion was carried out;
- Sub-groups were set up to deal with specific topics;
- Five meetings have taken place to date, with individual sub-groups meeting more frequently;
- Consultation with the TII, GSI and EPA are ongoing;
- It is intended to include hydrology as an additional topic in this update, therefore a hydrologist has been added to the WG and contact made with Engineers Ireland;
- Linkage has been made with the Irish government department participants in an EU commission initiative on EIA guidelines for mineral operations;
- Work is completed and ongoing on updating topics and researching new topics be included.

It is envisioned that the update will be completed by the end of 2022.

EurGeol Suzanne Tynan PGeo

# 4.6 Continuing Professional Development

The IGI requires it's members to participate in it's Continuing Professional Development (CPD) programme. The aim of the CPD programme is to maintain high standards of professional competence over our careers. It also assists in tracking and documenting the skills, knowledge and experience gained as our careers progress and we plan future career progression.

Completing and returning your annual CPD is compulsory and failure to do so may result in a member being de-listed. Members are required to undertake a minimum of 45 hours CPD each year as well as to complete a Personal Plan.

A number of CPD returns are selected for audit annually by the IGI. The purpose behind the audit is to maintain the integrity of the CPD system. By auditing members, the IGI gives confidence to our members and the wider community that we are operating a professional system and carrying out appropriate due diligence.



In general, approximately 25% of the membership should be audited each year. This includes, but is not limited to, the following members

- New professional member's first return
- CPDs below the required hours (45 hours)
- Excessively high hours

In addition, all members on professional registers managed by the IGI will have their CPD returns checked. This is to ensure that these members are continuing to maintain skills and develop their expertise in the specialities for which they are registered. The audit is carried out by the members of the Audit committee on the relevant registers or members sitting on the approvals panels for the registers.

In general most CPD returns comply with requirements. Where inconsistencies do occur the IGI contact the member to discuss the issue and offer guidance. It is for this reason that new members' returns are audited, so the Audit committee can assist them in completing an accurate return. Most inconsistencies are around the mis-classification of activities, for example formal v informal or a lack of hours claimed. If you are unsure please contact us for assistance.

The Audit committee is currently working on a guidance document for CPD auditors. The guide will assist CPD auditors in reviewing the returns of members and allow for greater uniformity of audits. It will set out which CPDs should be audited and what should be considered in relevant sections. The guidance builds on the good work done by Dr Bill Sheppard over the last few years and will be a dynamic document that should be updated as the CPD process continues to evolve. It is hoped that a draft document will be brought to the board for approval in the next few months.

Lastly the CPD committee asks members to complete and return your CPD by the 31<sup>st</sup> March deadline. While this is a requirement to continue as a member in good standing, it also helps in the effective administration of the system and allows for a timelier audit process.

#### EurGeol Paul Mc Dermott PGeo

# 4.7 Minerals Information Working Group (MIWG)

The minerals information working group has met twice with an additional meeting of a smaller subgroup. Issues identified by the working group members for the minerals industries include:

- A general lack of understanding of the connection between the future material needs of society and mineral resources.
- There is no top-down political approach or knowledge of these topics.
- The IGI needs to engage with government and policy makers to inform them of the facts.

Suggestions arising from the meetings include:

- Production of infographics that can be shared on social media.
- A seminar on communications for those working in mineral exploration and mining.
- Production of a press pack, with a named spokesperson, to be sent to all media outlets.



- Face to face interactions with politicians.
- A high-level meeting of representatives from the IGI, IAEG and IMQS to coordinate strategy.

Following the raising of the potential to ban gold mining in the Dáil and the Taoiseach's wish to examine the situation more deeply, a subgroup of the MIWG was formed to compose a letter to the Taoiseach. The subgroup was comprised of 5 people: Ed Slowey, John Barry, John Clifford, Eamonn Grennan and Emer Blackwell (chair). The letter was sent to the Office of An Taoiseach in mid-June following final approval from the IGI Board.

The first meeting of the DCENR Minerals Policy Framework Advisory Group is due to take place in June. A diverse group of government bodies, environmental NGOs, county councillors and industry representatives along with the IGI will take part.

Work is ongoing to devise communication strategies that are in line with the constitution and code of ethics of the IGI. A new call for group members will be made in the coming year to confirm those who wish to remain in the group and for new members to join.

Emer Blackwell PGeo

# 4.8 Energy Geoscientists Working Group

The Energy Geoscientists Working Group (EGWG) was formed in July 2020. The purpose of the group is to raise awareness of the geoscientist's roles in the energy sector; and to support geoscientists and petroleum geologists so that that their skills and experience can be applied to achieving a Just Energy Transition for Ireland.

The group is made up of both IGI members and non-members who work in the fields of petroleum, exploration, consultancy, renewables, research and academia. Members are based in Ireland, and the UK. The broad range of expert skills and global perspectives provides a rich wealth of knowledge in energy geoscience. The group has met on four occasions over the last year and has been pursuing its previously agreed Terms of Reference. In particular it has been focussing on producing energy fact sheets and incorporating early career individuals. The group is chaired by Allison Orr, with Kieran Craven standing in while she is away on leave.

EurGeol Dr. Kieran Craven PGeo

# 4.9 Equality and Diversity

The Equality, Diversity and Inclusion (EDI) Committee has been formed has the objective of promoting and increasing equality, diversity and conclusion among IGIs members and in the broader geoscience profession. These objectives are strategic objectives of the IGI for the period 2019-2024 and beyond.



The committee comprises seven members: Cian O'Hora, Mairéad Glennon, Meabh Hughes, Jennifer O'Donnell, James Symons, Laura McGrath, Aishling O'Donnell and Suzanne Tynan (chair). The committee has met (Zoom) on three occasions during 2022.

Over the last year the committee has progressed the following initiatives:

- Development and publication an EDI Charter for the IGI;
- Events seeking sponsorship from IGI are now requested, by standard letter, to provide a statement of their EDI commitments and their event Code of Conduct. Going forward, the information provided will be assessed for alignment with IGI's own EDI objectives in advance of a sponsorship agreement.
- Provision of year two of a four-year bursary to U.C.C. to support a student in the geosciences, who would otherwise face potentially multiple, barriers to obtaining third level education in the geosciences. U.C.C. has acknowledged IGI's bursary support of STEM on their website at the following link: <a href="https://alumni.ucc.ie/s/1901/bp19/interior.aspx?sid=1901&gid=2&pgid=1175&cid=2743&ecid=2743&ecid=2743&ecid=2743&ecid=2743&ecid=2743&ecid=0&calpgid=674&calcid=1908</a>. Cork University Foundation provides IGI with an annual 'Your Impact' report and with testimonials from students in receipt of the multiple supports the UCC Access programme provides. Sean Moran attended the UCC Alumni Support lunch in U.C.C. on behalf of IGI. It is intended to review the bursary every four years, so as to result in a geographic spread of opportunity around the country. IGI will mentor the student, if they wish to be supported in this
- Collaboration with Recruit Refugees is ongoing. Recruit Refugees disseminates the information on geoscience jobs provided to IGI, via its networks.
- A driving license bursary is being initiated. Procuring a driving license has been identified as a barrier for those seeking employment in the geosciences, at a total cost of approximately €700 for the applicant. The agreed objective is to provide up to two driving licenses bursaries each year, to the IGI bursary student or another grant-aided registered student studying on the island of Ireland and to an asylum seeker. The first driving license bursary will be awarded within 2022.
- EDI inclusivity objectives were furthered by providing sponsorship and other supports to iGEO 2022, the Early Career Research Symposium held in UCC on June 10th. IGI board and EDI committee members delivered workshops and chaired workshop discussions, including a workshop on EDI in the geosciences in collaboration with EDIG. IGI was present as an exhibitor, to communicate the benefits to student and early career geoscientists provided by IGI membership, as well as the benefits to IGI of having a wide diversity of geoscience voices and knowledge within its membership.
- Ongoing support of the iCRAG EDIG project. EDIG's mission statement aligns with IGIs, being to promote effective, long-lasting change to help make the geosciences as welcoming, equitable, and accessible as they can be. IGI will support EDIG by being a sponsor (media and financial) and an EDI committee member now attends EDIG meetings. https://www.icrag-centre.org/edig/

We would like to draw members' attention to the Geoethics and Professionalism section of the CPD return form and ask you to consider whether there is anything you could be doing to change the profile of the geoscience community for the better. The IGI is always open to suggestions as to how it can better support those who may not have equitable access to the profession at present.

EurGeol Suzanne Tynan PGeo



# 5.0 IGI Specialist Registers

#### 5.1 RoGEP

The UK Register of Ground Engineering Professionals (RoGEP) which is a specialist register maintained by the Institution of Civil Engineers (ICE), the Institute of Materials, Minerals and Mining (IoM3) or the Geological Society of London (GSL), provides a means to identify individuals who are suitably qualified and competent in ground engineering from the background of consultants, contractors, public bodies or academia. Those on the register may be involved in various disciplines or on various projects that fall within the broad heading of ground engineering. They must have an appreciation of other disciplines and interests that extend beyond, but interface with, ground engineering. They must be able to demonstrate how ground engineering interacts with other technical professions.

The IGI along with Engineers Ireland have signed an agreement which will allow the setting up of an Irish branch of RoGEP. The first eight Irish RoGEPs nominated by Engineers Ireland have just been registered and three more nominated by the IGI are due to be registered over the coming months. These individuals will then act as references and also assessors for the next wave of RoGEPs from Ireland.

One of the purposes of the register is to provide a means of demonstrating the ground engineering competences, for example those required for the roles of Ground Engineering Professional, Ground Engineering Specialist and Ground Engineering Adviser, as defined by the Site Investigation Steering Group (SISG) and other specifications, codes and standards.

There are three grades of registrants:

- Registered Ground Engineering Professional
- Registered Ground Engineering Specialist
- Registered Ground Engineering Adviser

We have had no further applicants in the past year. The office can provide letters of sponsorship if required and can put applicants in contact with other sponsors as required. If you are interested in applying please don't hesitate to contact the IGI office.

EurGeol Eoin Wyse PGeo



# 5.2 Pyrite Register

CPD returns for those members on the register will be checked for confirmation that each professional Member meets the competency requirements and to self-regulate as a Competent Person as per the Code of Practice.

There were no new applicants to the register. All of the members of the register were successfully renewed for 2022.

There is an intention to revise the application document later this year to take into account issues surrounding other potentially deleterious materials, and this will be circulated to those on the register prior to publication

#### EurGeol Eoin Wyse PGeo

# 5.3 Register of Professional Qualified Geoscientists/Competent Persons: Regulated and Unregulated Waste Disposal/Contaminated Land Assessments

The IGI continues to maintain the Contaminated Land Register for Professional Members who meet the competency requirements as set out in the EPA Code of Practice Environmental Risk Assessment for Unregulated Waste Disposal Sites.

The Register lists professionally competent and accredited geologists (Professional Geologist, PGeo, or equivalent international mutually recognized title, such as Chartered Geologist, CGeol (UK)), who have demonstrable experience and expertise to carry out risk-based assessments of historical unregulated landfill sites and contaminated lands sites.

CPD returns for those members on the register will be checked for confirmation that each professional Member meets the competency requirements and to self-regulate as a Competent Person as per the Code of Practice.

The following individuals joined the register in the past 10 months:

- EurGeol Colm Driver PGeo
- EurGeol James Dunn PGeo
- EurGeol Noreta Daly PGeo
- EurGeol Nuria Manzanas PGeo

EurGeol Eoin Wyse PGeo



# 6.0 IGI Events

The IGI events calendar has undoubtably been impacted by the Covid-19 pandemic. However IGI has strived to continue to offer our members a varied and useful series of opportunities throughout the year, albeit all online.

Should any member have a particular training need or be willing to offer their time to deliver a lecture or short course to our membership please contact the IGI office at <a href="mailto:info@igi.ie">info@igi.ie</a>.

# 6.1 QGIS Course – March 2022

The IGI hosted two courses on QGIS in March. Initially one course was planned but it was decided to run a second as there was high demand. IGI engaged the services of QGIS trainer Shane Carey who delivered two very well received courses.

# 6.2 Dawn Garcia Talk – May 2022

President-elect of AIPG Ms. Dawn Garcia was travelling in Ireland in May 2022 and so the IGI board were delighted to meet with her to discuss mutual interests and deepening of the ties between AIPG and IGI. Ms. Garcia took the opportunity to deliver an online talk to the IGI membership on 'Greetings from across the Pond: An Introduction to AIPG and An Introduction to working in Mexico'. IGI was delighted to welcome some AIPG colleagues also to the online event! IGI is grateful to Arup Consulting Engineers for the use of their meeting room and online meeting hosting capabilities.



Ms. Dawn Garcia, AIPG



# 7.0 Communications and Outreach

#### 7.1 The IGI Office

The IGI office is generally the first point of contact for members and indeed prospective members enquiring about joining the Institute. Whilst the office is not open fulltime the IGI is committed to ensuring a quick and speedy response when a member does need to make contact. Enquires are generally responded to within a day at the most.

The IGI office is currently entering in to a period of transaction as I prepare to take my leave of IGI after five years in the role of Executive Secretary. It has been a most enjoyable role and has brought me into contact with so many specialist areas of geoscience that I had limited experience of previously. I have had the pleasure of interacting with many of our long-standing members who have been IGI members since its earliest days and were indeed fundamental to its foundation. I have also assisted approximately 150 current members of IGI in either making their applications to IGI or in completing the transition from membership-in-training/student membership to professional membership. During the long days of Covid restrictions in 2020 and again in the Winter/Spring of 2021, the IGI inbox was a great source of human contact and in many cases entertainment. The international dimension to our members locations ensures I often receive weather updates from around the world and interesting anecdotes from life on mine sites in Brazil, Canada or Australia! The PGeo title was a valuable addition to me professionally for 15 years and I am grateful to IGI for the support it offered via courses, training and sense of community during my years as a hydrogeologist

I wish the incoming Executive Secretary all the best for her time with IGI. We are currently preparing a hand over plan to ensure the transition period is as seamless as possible with no disruption in services to our members.

The IGI is an organisation that is for its members and is driven by its members. Interactions with the office are very welcome and are encouraged.

Karen-Lee Ibbotson

# 7.2 Weekly Members Bulletin

The Weekly Bulletin continues to serve as a useful communication tool, identifying upcoming course and lectures as well as advertised job positions in the geosciences. The Bulletin is particularly useful to new members in assisting them with the understanding of the organisation and the regular events held across the country.

The IGI office appreciates being notified of any events that members feel would be of interest to other members, please forward relevant information to the office at <a href="mailto:info@igi.ie">info@igi.ie</a>. The Weekly Bulletin has offered members with a means of staying on touch with events in the geoscience community and the IGI office is grateful to all members who engaged during this time and sent details of various events for circulation.



#### 7.3 IGI Website

The IGI website is maintained by Eamonn Kelly, SLR Consulting Ltd. The website shows all upcoming events, and provides easy links to latest news, the IGI Linkedin pages and Twitter profile. Recent activities have focused on disseminating the minerals information factsheets.

The events calendar on the IGI website lists events hosted by members of the Irish Geoscience Network (IGN) as well as any events that the IGI office is notified about.



The IGI Twitter account is becoming increasingly popular with followers currently at 1,107 (up from 1,067 in 2021, 938 in 2020 and 732 in 2019). A social media presence has become an essential aspect of any outward-facing communications strategy, providing a forum for the public dissemination of IGI news in an informal way. The account provides fast news, content and links to geoscience in Ireland. If you don't already follow the IGI on Twitter, you can do so @IGI PGeo.



#### 7.4 LinkedIN

The IGI's LinkedIn Group continues to be a useful forum for promoting events and news, with 1,156 connections.

Karen-Lee Ibbotson

# 7.6 Exhibitions and Outreach

IGI continues to improve outreach and promote and be involved with all aspects of geology and geological careers in Ireland. We sponsored the recent IGEO22 conference in Cork for early career geoscientists. As part of the conference we delivered a workshop entitled "Geologists for now and for the future" which was attended by 19 MSc and PhD students. There was a very engaging discussion on the role of geoscience and how we need to be proud of our science and communicate its value to all. IGI was also part of the careers exhibition and had a lot of interest from potential members.

The annual IGRM was online in 2021 and 2022 but we promoted it via social media and expect to in full attendance with a stand and sponsorship in 2023 in Belfast. We have sponsored the PalAss (Paleontological Association) meeting in Cork in July.

Dr. Siobhán Power MIT



# 8.0 The IGI Mentoring Scheme

The IGI established a free, voluntary mentorship scheme for members in 2016 in order to support the career development of IGI members. The scheme has been supporting members in order to prepare for chartership, develop Personal Career Plans within the IGI CPD framework and to manage career changes which many of us experience as geoscience professionals. Participation in the scheme as a mentor or mentee is also eligible for CPD of up to 10 hours per year.

The mentor list currently has 15 members (5 female and 10 male) with a mix of both private and public sector backgrounds, various geoscience fields and mentors spread across the country. There are currently 9 mentees listed. The current list of mentors is available on the IGI website or from the IGI office.

A mentoring workshop was run by IGI in early 2018. The course had a positive impact mentor and mentee numbers. There has been limited interest in running another course, but please get in touch to express your interest if you wish to IGI to run this again.

The IGI reminds EurGeol members about the EFG mentorship programme.

The board have been working on plans to promote and support the existing IGI Mentoring Scheme. Given the large increase in both experienced and early career members in recent years it is planned to attract new mentors and mentees during the next board year.

A new set of IGI Mentoring Guidelines has been drafted by PGeo John Arthurs. It is planned to develop these guidelines and provide training to prospective mentors and mentees during the next board term. The board would like to sincerely thank John for his input to date. We would also like to congratulate him on the publication of his new book *Mentoring Scientists and Engineers: The Essential Skills, Principles and Processes.* John kindly passed on a discount to IGI members who purchased the book last year and there is a link to purchase the book and a review by Past President Gareth LI. Jones on the IGI website <a href="https://igi.ie/news/new-book-mentoring-scientists-and-engineers/">https://igi.ie/news/new-book-mentoring-scientists-and-engineers/</a>.

EurGeol Cian O'Hora PGeo



# 9.0 Participation

#### 9.1 EFG

The European Federation of Geologists is a non-governmental organisation that was established in 1980 and includes 27 national association members representing over 45,000 geoscientists across Europe and two associated members – the American Institute of Professional Geologists (AIPG) and Geoscientists Canada. EFG is a professional organisation whose main aims are to contribute to a safer and more sustainable use of the natural environment, to protect and inform the public and to promote a more responsible exploitation of natural resources. EFG's members are National Associations (NAs), whose principal objectives are based on similar aims. The guidelines to achieve these aims are the promotion of excellence in the application of geology and the creation of public awareness of the importance of geoscience for society.

The IGI Delegates to the EFG for 2021/2022 were Eoin Wyse and Jon Hunt. Marie Fleming (IGI) stood down as chair of the EFG Registration Authority this year.

During 2021/2022, the EFG continued to promote the professional mobility and status of geologists in the 27 member states across Europe through the expanding use and recognition of the EurGeol title, involvement in EU funded projects, making representations to the EU Commission and liaison with other international geological bodies. National and international awareness of the profession is maintained through publication of the European Geologist journal and the EFG newsletter, close liaison with the EU parliament and via its own website at www.eurogeologists.eu.

The EFG is run by a Council comprising delegates from all member national associations such as the IGI, from which a 5-member Board is elected. Each member country has one vote at Council Meetings. The current EFG president is Marko Komac whose term of office started in November 2018. The Council meets twice a year with a Winter Council meeting held in November/December in Brussels and a Summer Council meeting held in May/June in one of the member countries. The executive authority of the Council is enacted by the Board, which is appointed for a two year term and comprises a President, Vice-President, General Secretary, Treasurer and External Relations Officer. The Board meets four to six times a year, mostly in Brussels, with the day to day business of EFG maintained within the Board by email.

An EGM was held on 8th April via Zoom to discuss the current situation in Ukraine. It was an interesting but sobering experience as two members of the UAG attended, one located in Spain, the other in Kyiv, and talked about their experiences.

The EFG have taken a number of measures to try and assist Ukrainian members. The webpage https://eurogeologists.eu/ua-crisis-response/ was set up and a request has been made to all national associations to promote this site. The website is currently trawling several websites and has the capacity for members to post jobs which are available in their area for Ukrainian geoscientists.

While meetings and activities in person have been curtailed over the past year due to Covid-19 the Board has continued their meetings remotely in the Winter via virtual meetings. The Summer meeting proved a return to previous form with a meeting in late May in the Azores. It was at this meeting that EurGeol



Marie Fleming PGeo was awarded the EFG Medal of Merit, joining a list of prestigious IGI members who hold that honour. The next meeting appears to be due to be held in Brussels where the venue of the 2023 summer meeting will be discussed.

# 9.2 EU Funded Projects

While there are number of EU funded projects that EFG is involved with the IGI is not currently engaged with any of these projects.

#### 9.3 NSAI Work

Over the past 12 months work has been ongoing in a number of topics relating to the use of defective or deleterious material in construction products. EurGeol Eoin Wyse PGeo has been elected to the position of Vice Chairman of the Aggregates Panel.

IGI members are currently working on IS 465:2018 "Assessment, Testing and Categorisation of Damaged Buildings incorporating Concrete Blocks containing Deleterious Materials" which has been revisited to consider the increasing level of knowledge which has been developed by practitioners since the documents publication. The intention is to issue a revised document soon.

The Aggregates Panel are currently focusing on a review of SR16: Guidance on the use of IS EN 12620:2002 + A1:2008 - aggregates for concrete.

The IGI would like to thank the following PGeo's who have been involved in the drafting of both documents: Dr Robbie Goodhue PGeo, EurGeol Tom Moore PGeo, EurGeol Eoin McGrath PGeo and EurGeol Eoin Wyse PGeo.

EurGeol Eoin Wyse PGeo Vice President

# 9.4 PERC – Pan-European Reserves and Resources Reporting Committee

#### 9.4.1 PERC overview

The Pan-European Reserves and Resources Reporting Committee (PERC) is constituted to promote best practice in the public reporting of Exploration Results, Mineral Resources and Mineral Reserves. PERC is responsible for managing the PERC Reporting Standard and serves as the CRIRSCO National Reporting Organisation (NRO) for Europe. PERC was established in 2006 and has been registered as a not for profit association ('asbl') in Brussels, Belgium since 2013. Further information is available at: <a href="https://percstandard.org/">https://percstandard.org/</a>



oin Wyse, Jon Hunt, Suzanne Tynan



The IGI is a founding member of PERC and holds four committee places at a European level. The IGI's four official representatives are unchanged from last year, namely: Edmund Sides (PERC Chairperson), Job Langbroek, Paul Gordon and Paul McDermott. Additionally, John Clifford is one of the four PERC trustees and the Chair of the Standard Update Sub-Committee is David Dingemans.

# 9.4.2 2021/2022 Highlights

- The release of the PERC Reporting Standard 2021
- The inclusion of guidance on ESG reporting in the PERC Reporting Standard 2021
- Changes with respect to the Trustees and Executive
- The launching of a redesigned PERC website on a new server. (www.percstandard.org)
- Establishment of a communications sub-committee; development of a Communications Strategy; and the initiation of communications via social media.
- Running of a very successful online training course in cooperation with the GSL.

# 9.4.3 PERC Reporting Standard 2021

The <u>PERC Reporting Standard 2021</u> was initially approved at the PERC annual general meeting held on 7 May 2021 and was officially issued on 1 October 2021 following final review and editing. The 2021 edition supersedes all previous editions and standards (including The Reporting Code, the IMM Reporting Code, the PERC Code, the PERC Standard 2013, the PERC Reporting Standard 2017, and the Recommended Rules for Public Reporting of Exploration Results, Surveys, Feasibility Studies and Estimates of Mineral Resources and Mineral Reserves in Sweden, Finland and Norway). PERC is currently finalising the translations of the PERC Standard Definitions into other European languages and making them available via the PERC website.

To allow existing users time to adapt to changes made in the PERC Reporting Standard 2021, PERC has agreed to allow for a transition period up to the end of 2022 during which time the PERC Reporting Standard 2017 may continue to be used. From 1 January 2023 usage of only the PERC Reporting Standard 2021 will be permitted.

Download the PERC Reporting Standard 2021:

- PERC Reporting Standard 2021 (pdf)
- PERC Reporting Standard 2021 Table 1 (xlsx)
- PERC Standard Definitions 2021 (pdf)
- PERC List of RPOs 2021 (pdf)

As a follow up to the new PERC Standard the IGI, led by David Dingemans, produced an update to the IGI's summary guide to the PERC Reporting Standard. This 3<sup>rd</sup> edition is available on our IGI website at the following <u>LINK</u>. The Summary Guide provides a context to the regulatory framework for the preparation of Public Reporting. PERC is using the IGI document for guidance in the production of their summary guide that will hopefully be out this year.



## 9.4.4 PERC AGM 2022 Summary

PERC's 2022 AGM was held on 20 May 2022 as a hybrid online and in-person event. PERC thanks <u>Svemin</u> (the Swedish Association of Mines, Mineral and Metal Producers) and <u>FAMMP</u> who hosted PERC members in the Svemin's offices in Stockholm.

# **Chairperson's Report**

Edmund Sides, the PERC Chairperson and IGI representative, report on the year's activities, is summarised below.

- Some important changes had occurred with respect to the Trustees and Executive with some long serving members moving on to new roles as described further below.
- The release of the PERC Reporting Standard 2021 and the development of supporting materials (e.g. webinars, videos, translations of the PERC Definitions and the PERC Summary Guide).
- The inclusion of guidance on ESG reporting in the PERC Reporting Standard 2021. This is likely to be taken into account by other CRIRSCO member NROs when they are reviewing and updating their Codes or Standards.
- The launching of a redesigned PERC website on a new server. (www.percstandard.org)
- Establishment of a communications sub-committee; development of a Communications Strategy; and the initiation of communications via social media.
- The Implementation of NextCloud for document sharing, collaborative editing and archiving.
- Running of a very successful online training course in cooperation with the GSL.
- Contribution to CRIRSCO activities.

For the coming year, and in line with the PERC 2020 Strategic plan, the Executive and sub-committees will focus on the following priorities:

- Finalising the translations of the PERC Standard Definitions into other European languages and making them available via the PERC website.
- Finalising the PERC Summary Guide and developing supporting presentations
- Completing a register of companies in Europe that are using PERC, and a summary of European Stock Exchange regulations applicable to minerals companies.
- Seeking sponsorship from European mining companies and consultancies to support promotion of PERC within Europe.
- Arranging meetings with Stock Exchange and financial regulators in order to promote PERC.
- Seeking to raise awareness by European and UK regulators and decision makers of the benefits of reporting in compliance with PERC (or other CRIRSCO Codes and Standards). This is particularly relevant in the context of the Green Revolution and Security of Supply of critical minerals.
- Developing a clear position and presentations with respect to the complementary use of the UNFC and PERC/CRIRSCO classifications.
- Supporting the development of training courses on PERC around Europe and assisting in the development of training materials in European languages other than English.



# PERC TRUSTEES - May 2022 onwards

Following the appointment of two new Trustees at the AGM, PERC now has four trustees, namely:

- John Clifford (IGI PGeo)
- Gordon Riddler
- Ruth Allington
- Kerstin Brinnen

#### PERC Executive and Members 2022 - 2023

The incoming PERC Executive is as follows:

- Chairperson Edmund Sides
- Deputy Chairperson Andy Birtles
- Secretary Antonio Maldonado
- Treasurer vacant
- CRIRSCO representatives Edmund Sides and Mark Burnett

#### PERC Sub-committees 2022 - 2023

PERC currently has five sub-committees with different areas of responsibilities, as indicated below:

Sub-committee	Chairperson
Standard Update	David Dingemans
Training	Mark Burnett
Finance & Regulatory	Mark Burnett
Dimension Stone & Industrial Minerals	Marco Cosi
Communications	VACANT

#### Conclusion

The 2022 PERC AGM marked the end of a year where significant progress has been made on several fronts, as well as the start of our return to face to face meetings following the covid pandemic. The PERC Executive and Trustees will be meeting in the near future to discuss action points arising from the AGM and to agree on priorities for the coming year.

EurGeol Dr Edmund Sides PGeo, PERC Chairperson and EurGeol Paul Mc Dermott PGeo 6<sup>th</sup> June 2022

# 10.0 Representations

This year the IGI maintained its public profile on a number of fronts, in line with the 2019-2024 strategy. We responded to a number of issues concerning geoscience in Ireland through the year via public consultations or direct representations:

- Dept. of the Environment, Climate and Communications Draft Policy Statement on Geothermal Energy
- Dept. of the Environment, Climate and Communications: Draft Policy Statement on Mineral Exploration and Mining in Ireland.
- Dept. of the Environment, Climate and Communications: SEA Scoping on Minerals Policy

The IGI normally participates in key geoscience events each year as a sponsor and exhibitor. These opportunities were largely lacking in 2021-2022 due to pandemic restrictions. The IGI sponsored the very successful iGEO2022 event in June 2022 with members involved in giving workshops and the career fair (further information in Section 6.0).

The IGI was pleased to participate in the Geological Survey of Northern Ireland's second **Science Advisory Committee** meeting in May 2022. The IGI continues to facilitate collaboration in the geoscience community, through convening the **Heads of Geoscience Groups forum**, which met 3 times through the year, and the **Irish Geoscience Network** meeting which was held in March 2022. The IGI wishes to thank all participants who have given up their time during the year to make sure that the geoscience community in Ireland is connected and working together.

EurGeol. Cian O'Hora PGeo

# 11.0 Irish Geoscience Network (IGN)

The Irish Geoscience Network (IGN) is an informal network of geoscience organisations, learned societies, universities and those involved in various aspects relating to the Earth Sciences in Ireland. It was established in 2012 to represent all geo-related disciplines on the island of Ireland, and to provide a forum for discussion, exchange of ideas and improved communication among the extended geoscience community.

The IGN held its annual meeting at via Zoom on 2<sup>rd</sup> March 2022. This was the second time the group met virtually, and certainly the absence of networking and socialising was a big loss. Twenty-eight organisations were represented at the meeting; including for the first time representatives from Dublin Institute of Advanced Studies (DIAS). The new Principal Officer in Geoscience Policy Division (GSPD) of the Department, Mairéad McCabe, was also in attendance.

#### The main topics discussed were:

- Covid effects on the sector
- Ukraine Invasion and Crisis
- Mica/Deleterious Substances
- Joint Secretariat and departure of Karen-Lee Ibbotson (thanks expressed by IGN)
- · Professional Indemnity insurance, field trip insurance and insurance issues for sole-traders
- Individual society and organisation events
- IGI Minerals Information Working Group
- Heritage, Science and Engineering Weeks
- Formation of new Geoscience Policy Office and Geoscience Regulation Office
- Geodrilling Apprenticeship
- Geoscience Research iCRAG, IGRM, GSNI
- Outreach and collaborations
- Government legislative programme and consultation

EurGeol Cian O'Hora PGeo



# 12.0 Heads of Geoscience Groups (HOGGs)

The Heads of Geoscience Groups or HOGGs, was convened by the IGI on 2 occasions since the last AGM. The objectives of the forum are:

- Increase the response of the geoscience sector to consultations that concern the geoscience sector.
- Cooperate in awareness-raising of upcoming and live consultations and share responses.
- Respond to misinformation relating to geoscience practice and profession in the news media.
- Cooperate in the coordination of suitable spokespersons and statements responses.
- Provide a forum for other topical matters of mutual interest to the geoscience sector.

Discussions have resulted in participation across the geoscience disciplines, collaboration on consultations and better communication between the main voices of geoscience in Ireland on geoscience matters of public interest:

- Institute of Geologists of Ireland
- Geological Survey Ireland
- iCRAG
- Geological Survey of Northern Ireland
- Irish Mining and Quarrying Society
- Irish Association for Economic Geology
- Geotechnical Society of Ireland a society of Engineers Ireland
- International Association of Hydrogeologists (Irish Group)
- Geothermal Association of Ireland
- Geoscience Policy Division
- Geoscience Regulation Office
- Geoscience Ireland

The forum respects the right of members to make their own representations in the manner that best supports their interests. During the year we had discussions on misinformation on mining and exploration, mica/pyrite issues, equality/diversity/inclusion in the geosciences and Covid-related challenges to the geoscience sector.

EurGeol Cian O'Hora PGeo



# 13.0 Mutual Recognition Agreements

The IGI now has six MRAs with the following organisations:

- i) Australian Institute of Mining Metallurgy AusIMM (Australia).
- ii) Geoscientists Canada GC (Canada).
- iii) European Association of Geoscientists and Engineers EAGE (International).
- iv) Southern Africa Institute of Mining and Metallurgy SAIMM and the Geological Society of South Africa GSSA jointly sponsoring the SAMREC and SMVAL Committee SSC (South Africa).
- v) Geological Society of London GeolSoc (United Kingdom).
- vi) American Institute of Professional Geologists AIPG (USA) see details below

In August 2021, IGI announced the signing of a Mutual Recognition Agreement with our colleagues in the American Institute of Professional Geologists (AIPG). Both institutes are committed to deepening connections and assisting each other and our respective members however possible.

The importance of maintaining these MRAs, based on continuing professional development (CPD) and ethically good professional practice cannot be overstated, given the international nature of geological practice and the mobility of IGI's members.

**EurGeol Dr. Jon Hunt PGeo** 

#### 14.0 Notice of AGM

Notice is hereby given that the Annual General Meeting of the Institute of Geologists of Ireland Limited will be held at <u>4 p.m. Monday 27<sup>th</sup> June 2022</u> at 63 Merrion Square, Dublin 2 for the following purposes:

- i) To receive and consider the Directors' Reports.
- ii) To receive and consider the Audited Accounts for year ended December 31<sup>st</sup> 2021.
- iii) To elect Directors.
- iv) To transact any other ordinary business of the Annual General Meeting.

The meeting will be a hybrid meeting whereby members will have the option of attending in person or remotely via Zoom. New company legislation, the General Scheme of the Companies and Industrial and Provident Societies (Covid-19) (Amendment) Bill 2020, has made provision for fully online AGMs to be held, given the situation regarding Covid-19 restrictions. In accordance with these provisions, all those entitled to attend will have a reasonable means to participate by Zoom link or telephone link. The meeting will be recorded. Detailed joining instructions will be circulated closer to the date.

By Order of the Board

EurGeol Jon Hunt PGeo Secretary, Dated 29<sup>th</sup> April 2022

#### 15.0 Nominations for IGI Board 2022 - 2023

The Nominations Committee, via the Chair of the Nominations Committee Mairéad Fitzsimons (immediate Past-President), has presented the following list of candidates to stand for election at the forthcoming Annual General Meeting to be held on 27<sup>th</sup> June 2022:

#### **Executive Directors:**

President:EurGeol Cian O'Hora PGeo(2nd year of 2 year term)Vice-President:EurGeol Eoin Wyse PGeo(2nd year of 2 year term)Treasurer:EurGeol Suzanne Tynan PGeo(2nd year of 2 year term)Secretary:EurGeol Yvonne O'Connell PGeo(1st year of 2 year term)

#### **Non-Executive Directors:**

EurGeol Paul Mc Dermott PGeo (5<sup>th</sup> Year as a Board Member)
Dr. Siobhan Power MIT (3<sup>rd</sup> Year as a Board Member)
Emer Blackwell PGeo (2<sup>nd</sup> Year as a Board Member)
EurGeol Ian Farrelly PGeo (1<sup>st</sup> year as a Board Member)
EurGeol Orla O'Connell PGeo (1<sup>st</sup> year as a Board Member)
EurGeol Pól Ó Seasnáin PGeo (1<sup>st</sup> year as a Board Member)

#### NOMINATIONS COMMITTEE

EurGeol Mairéad Fitzsimons PGeo (Chair) EurGeol Catherine Buckley PGeo EurGeol Morgan Burke PGeo

No additional nominations to those above made by the Nominations Committee were received by the IGI Secretary by the deadline of the  $16^{th}$  May 2021.

#### 16.0 IGI CORPORATE STRUCTURE

**IGI OFFICE** 63 Merrion Square Dublin 2

WEBSITE www.igi.ie

EXECUTIVE SECRETARY Ms. Karen-Lee Ibbotson (info@igi.ie)

WEBMASTER Mr. Eamonn Kelly <u>ekelly@slrconsulting.com</u>

**AUDITORS** Kieran Ryan & Co.

**Chartered Accountants and Registered Auditors** 

20 Upper Mount Street, Dublin 2

**BANKERS** Bank of Ireland, College Green, Dublin 2

**IGI REGISTERED OFFICE** 63 Merrion Square, Dublin 2

COMPANY NUMBER 31440
CHARITY NUMBER CHY 13580
REGISTERED CHARITY NUMBER 20042721

#### **IGI Board Members (2021-2022: Outgoing)**

**Executive Directors** 

President:EurGeol Cian O'Hora PGeoVice President:EurGeol Eoin Wyse PGeoSecretary:EurGeol Dr. Jon Hunt PGeoTreasurer:EurGeol Suzanne Tynan PGeo

#### **Non-Executive Directors:**

EurGeol Paul McDermott PGeo EurGeol Dr. Alison Orr PGeo Dr. Siobhán Power MIT

EurGeol Dr. Yvonne O'Connell PGeo

EurGeol Aaron Clarke PGeo EurGeol Dr. Alison Orr PGeo

#### **EFG National Licensed Body**

The IGI is licensed by the European Federation of Geologists to award the professional title of European Geologist (EurGeol). The IGI's NLB Licence was renewed in 2016 for 5 years.

#### Standing Committees (2021-2022)

#### **Ethics Committee**

EurGeol. Sean Moran PGeo (Chair) EurGeol. Mark Holdstock PGeo Mags Keegan PGeo

#### Disciplinary Committee (2021 – 2022)

EurGeol Nick O'Neill, PGeo (Chair) EurGeol Dr. Deirdre Lewis PGeo EurGeol Teri Hayes PGeo

Company number 314400. Directors: Cian O'Hora, Eoin Wyse, Jon Hunt, Suzanne Tynan



EurGeol Morgan Burke PGeo (Chair)

EurGeol David Blaney PGeo

Sean Finlay PGeo C.Eng

EurGeol Cecil Shine PGeo

EurGeol Dr. Deirdre Lewis PGeo

EurGeol Dr. John Kelly PGeo

EurGeol Gerry Baker PGeo

EurGeol Marie Fleming PGeo

EurGeol Catherine Buckley PGeo

EurGeol Robbie Meehan PGeo

#### **CPD Audit Committee**

EurGeol Paul McDermott PGeo (Chair)

EurGeol Eoin Wyse PGeo EurGeol Dr. Alison Orr PGeo

#### **IGI Representation on Geoscience Bodies**

Organisation IGI Representative

European Federation of Geologists EurGeol Eoin Wyse PGeo

EurGeol Dr. Jon Hunt PGeo

GSI Consultative Committee EurGeol Marie Fleming PGeo

GSNI Science Advisory Committee EurGeol Mairéad Fitzsimons PGeo

#### **Founding Sponsoring Bodies**

The IGI was established in 1999 with the support of the following sponsoring bodies:

• The Irish Association for Economic Geology <u>www.iaeg.org</u>

The Geophysical Association of Ireland <a href="www.gai.ie">www.gai.ie</a>

• The International Association of Hydrogeologists (Irish Group) <u>www.iahireland.org</u>

The Irish Mining and Quarrying Society <a href="www.imqs.ie">www.imqs.ie</a>

• The Geotechnical Society of the Institution of Engineers of Ireland www.iei.ie

#### **Affiliated Bodies**

• The Geothermal Association of Ireland www.geothermalassociation.ie

#### **Bodies with Reciprocal Links and/or Co-Operation Agreements**

- Australian Institute of Mining & Metallurgy (JORC Committee)
- Geological Society of London
- Geoscientists Canada
- Geological Society of South Africa.
- South African Institute of Mining & Metallurgy (SAMREC Committee)
- South African Council for Natural Scientific Professions
- European Association of Geoscientists and Engineers
- American Institute of Professional Geologists (AIPG)

Company number 314400. Directors: Cian O'Hora, Eoin Wyse, Jon Hunt, Suzanne Tynan



#### Bodies Recognising PGeo (or mutually recognised equivalent) Ireland:

- Exploration and Mining Division, DCCAE required for prospecting licence work reports
- Environmental Protection Agency preferred for professional work and reports; obligatory for hydrogeological assessment of historic landfill sites
- Department of Education and Skills preferred for professional work and reports
- An Bord Pleanala preferred for professional work and reports
- Local Authorities preferred for professional work and reports; obligatory for hydrogeological assessment of historic landfill sites.

#### **Stock Exchanges**

Ireland, Dublin
Stock Exchange UK,
London Stock Exchange
Australian Stock Exchange
Canadian Securities Administrators
South Africa, JSE Securities Exchange

#### 17.0 AUDITORS REPORT FOR 2021

Company Number: 314400

# INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE ANNUAL REPORT AND FINANCIAL STATEMENTS FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2021



# INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE CONTENTS

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### INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE DIRECTORS AND OTHER INFORMATION

**Directors (executive)**Cian O'Hora

Mairead Glennon (Resigned 16 June 2021)

Eoin Wyse Jon Hunt Suzanne Tynan

**Directors (non-executive)** William Sheppard (Resigned 16 June 2021)

Paul McDermott

Ciara Bannon (Resigned 16 June 2021)

Alison Orr

Siobhán Eilís Power

Emer Blackwell (Appointed 16 June 2021) Dr. Yvonne O'Connell (Appointed 16 June 2021)

Aaron Clarke (Appointed 16 June 2021)

Company Secretary Jon Hunt (Appointed 16 June 2021)

Eoin Wyse (Resigned 16 June 2021)

Company Number 314400

Charity Number CHY13580

Registered Charity Number 20042721

**Registered Office and Business Address** 63 Merrion Square

Dublin 2

Auditors Kieran Ryan & Co.

Chartered Accountants and Statutory Audit Firm

20 Upper Mount Street

Dublin 2

Bank of Ireland

College Green Dublin 2

**Solicitors** Hayes Solicitors

Lavery House Earlsfort Terrace Dublin 2

### INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE DIRECTORS' REPORT FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2021

The directors present their report and the audited financial statements for the financial year ended 31 December 2021.

#### **Principal Activity**

The principal activity of the company is to promote and advance the science of geology and its professional application in all disciplines and to facilitate exchange of information and ideas in relation thereto.

The Company is limited by guarantee not having a share capital.

#### **Financial Results**

The deficit for the financial year amounted to €(12,099) (2020 - €(497)).

At the end of the financial year, the company has assets of €92,196 (2020 - €107,397) and liabilities of €11,786 (2020 - €14,888). The net assets of the company have decreased by €(12,099).

#### **Directors and Secretary**

The executive directors who served throughout the financial year, except as noted, were as follows:

Cian O'Hora Mairead Glennon (Resigned 16 June 2021) Eoin Wyse Jon Hunt Suzanne Tynan

The non-executive directors who served throughout the financial year, except as noted, were as follows:

William Sheppard (Resigned 16 June 2021)
Paul McDermott
Ciara Bannon (Resigned 16 June 2021)
Alison Orr
Siobhán Eilís Power
Emer Blackwell (Appointed 16 June 2021)
Dr. Yvonne O'Connell (Appointed 16 June 2021)
Aaron Clarke (Appointed 16 June 2021)

The secretaries who served during the financial year were:

Jon Hunt (Appointed 16 June 2021) Eoin Wyse (Resigned 16 June 2021)

#### **Future Developments**

The directors do not envisage any substantial changes to the nature of the company.

#### **Post Balance Sheet Events**

The effects of the Coronavirus COVID-19 pandemic remain a prevailing factor in the disruption of national and worldwide economies. The impacts of COVID-19 are considered to be events that do not require any adjustments to be made to the financial statements of Institute of Geologists of Ireland Company Limited By Guarantee for the year ended 31 December 2021. However, the directors continue to assess any possible future impacts of the virus on the company, both financial and non-financial, and implement all reasonable safeguards.

#### **Auditors**

The auditors, Kieran Ryan & Co., Chartered Accountants and Statutory Audit Firm, have indicated their willingness to continue in office in accordance with the provisions of section 383(2) of the Companies Act 2014.

#### **Statement on Relevant Audit Information**

In accordance with section 330 of the Companies Act 2014, so far as each of the persons who are directors at the time this report is approved are aware, there is no relevant audit information of which the statutory auditors are unaware. The directors have taken all steps that they ought to have taken to make themselves aware of any relevant audit information and they have established that the statutory auditors are aware of that information.

### INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE DIRECTORS' REPORT FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2021

#### **Accounting Records**

To ensure that adequate accounting records are kept in accordance with sections 281 to 285 of the Companies Act 2014, the directors have employed appropriately qualified accounting personnel and have maintained appropriate computerised accounting systems. The accounting records are located at the company's office at 63 Merrion Square, Dublin 2.

Signed on behalf of the boa	rd		
Cian O'Hora <b>Director</b>			
Suzanne Tynan <b>Director</b>			
Date:			
	_		

### INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE DIRECTORS' RESPONSIBILITIES STATEMENT FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2021

The directors are responsible for preparing the Directors' Report and the financial statements in accordance with applicable Irish law and regulations.

Irish company law requires the directors to prepare financial statements for each financial year. Under the law the directors have elected to prepare the financial statements in accordance with the Companies Act 2014 and FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland", applying Section 1A of that Standard, issued by the Financial Reporting Council. Under company law, the directors must not approve the financial statements unless they are satisfied that they give a true and fair view of the assets, liabilities and financial position of the company as at the financial year end date and of the surplus or deficit of the company for the financial year and otherwise comply with the Companies Act 2014.

In preparing these financial statements, the directors are required to:

- select suitable accounting policies for the company financial statements and then apply them consistently;
- make judgements and accounting estimates that are reasonable and prudent;
- state whether the financial statements have been prepared in accordance with applicable accounting standards, identify those standards, and note the effect and the reasons for any material departure from those standards; and
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the company will continue in business.

The directors are responsible for ensuring that the company keeps or causes to be kept adequate accounting records which correctly explain and record the transactions of the company, enable at any time the assets, liabilities, financial position and surplus or deficit of the company to be determined with reasonable accuracy, enable them to ensure that the financial statements and Directors' Report comply with the Companies Act 2014 and enable the financial statements to be readily and properly audited. They are also responsible for safeguarding the assets of the company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

The directors are responsible for the maintenance and integrity of the corporate and financial information included on the company's website. Legislation in Ireland governing the preparation and dissemination of financial statements may differ from legislation in other jurisdictions.

Signed on benaif of the board
Cian O'Hora
Director
Suzanna Tunan
Suzanne Tynan
Director
Dotor
Date:

### INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE

#### Report on the audit of the financial statements

#### **Opinion**

We have audited the financial statements of Institute of Geologists of Ireland Company Limited By Guarantee ('the company') for the financial year ended 31 December 2021 which comprise the Income Statement, the Balance Sheet, the Reconciliation of Members' Funds, the Statement of Cash Flows and notes to the financial statements, including the summary of significant accounting policies set out in note 2. The financial reporting framework that has been applied in their preparation is Irish Law and FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland", issued in the United Kingdom by the Financial Reporting Council, applying Section 1A of that Standard.

In our opinion the financial statements:

- give a true and fair view of the assets, liabilities and financial position of the company as at 31 December 2021 and of its deficit for the financial year then ended;
- have been properly prepared in accordance with FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland", applying Section 1A of that Standard; and
- have been properly prepared in accordance with the requirements of the Companies Act 2014.

#### Basis for opinion

We conducted our audit in accordance with International Standards on Auditing (Ireland) (ISAs (Ireland)) and applicable law. Our responsibilities under those standards are described below in the Auditor's responsibilities for the audit of the financial statements section of our report. We are independent of the company in accordance with the ethical requirements that are relevant to our audit of financial statements in Ireland, including the Ethical Standard for Auditors (Ireland) issued by the Irish Auditing and Accounting Supervisory Authority (IAASA), and the Provisions Available for Audits of Small Entities, in the circumstances set out in note 4 to the financial statements, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

#### Conclusions relating to going concern

In auditing the financial statements, we have concluded that the directors' use of the going concern basis of accounting in the preparation of the financial statements is appropriate.

Based on the work we have performed, we have not identified any material uncertainties relating to events or conditions that, individually or collectively, may cast significant doubt on the company's ability to continue as a going concern for a period of at least twelve months from the date when the financial statements are authorised for issue.

Our responsibilities and the responsibilities of the directors with respect to going concern are described in the relevant sections of this report.

#### **Other Information**

The directors are responsible for the other information. The other information comprises the information included in the annual report other than the financial statements and our Auditor's Report thereon. Our opinion on the financial statements does not cover the other information and, except to the extent otherwise explicitly stated in our report, we do not express any form of assurance conclusion thereon.

Our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the course of the audit, or otherwise appears to be materially misstated. If we identify such material inconsistencies or apparent material misstatements, we are required to determine whether there is a material misstatement in the financial statements or a material misstatement of the other information. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

### INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE

#### Opinions on other matters prescribed by the Companies Act 2014

In our opinion, based on the work undertaken in the course of the audit, we report that:

- the information given in the Directors' Report for the financial year for which the financial statements are prepared is consistent with the financial statements; and
- the Directors' Report has been prepared in accordance with applicable legal requirements.

We have obtained all the information and explanations which, to the best of our knowledge and belief, are necessary for the purposes of our audit.

In our opinion the accounting records of the company were sufficient to permit the financial statements to be readily and properly audited and the financial statements are in agreement with the accounting records.

#### Matters on which we are required to report by exception

Based on the knowledge and understanding of the company and its environment obtained in the course of the audit, we have not identified any material misstatements in the directors' report.

The Companies Act 2014 requires us to report to you if, in our opinion, the requirements of any of sections 305 to 312 of the Act, which relate to disclosures of directors' remuneration and transactions are not complied with by the Company. We have nothing to report in this regard.

#### Respective responsibilities

#### Responsibilities of directors for the financial statements

As explained more fully in the Directors' Responsibilities Statement set out on page 6, the directors are responsible for the preparation of the financial statements in accordance with the applicable financial reporting framework that give a true and fair view, and for such internal control as they determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the directors are responsible for assessing the company's ability to continue as a going concern, disclosing, if applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the company or to cease operation, or has no realistic alternative but to do so.

#### Auditor's responsibilities for the audit of the financial statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an Auditor's Report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs (Ireland) will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

A further description of our responsibilities for the audit of the financial statements is contained in the appendix to this report, located at page 10, which is to be read as an integral part of our report.

### INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE

#### The purpose of our audit work and to whom we owe our responsibilities

Our report is made solely to the company's members, as a body, in accordance with section 391 of the Companies Act 2014. Our audit work has been undertaken so that we might state to the company's members those matters we are required to state to them in an Auditor's Report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume any responsibility to anyone other than the company and the company's members, as a body, for our audit work, for this report, or for the opinions we have formed.

Alice Barnes
for and on behalf of
Kieran Ryan & Co.
Chartered Accountants and Statutory Audit Firm
20 Upper Mount Street
Dublin 2



### INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE APPENDIX TO THE INDEPENDENT AUDITOR'S REPORT

#### Further information regarding the scope of our responsibilities as auditor

As part of an audit in accordance with ISAs (Ireland), we exercise professional judgement and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the company's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the directors.
- Conclude on the appropriateness of the directors' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our Auditor's Report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our Auditor's Report. However, future events or conditions may cause the company to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and
  whether the financial statements represent the underlying transactions and events in a manner that achieves fair
  presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

## INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE INCOME STATEMENT FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2021

	Notes	2021 €	2020 €
Income		50,916	44,054
Expenditure		(63,024)	(44,565)
Deficit before interest		(12,108)	(511)
Interest receivable and similar income		9	14
Deficit for the financial year		(12,099)	(497)
Total comprehensive income		(12,099)	(497)
Approved by the board on	and signed on its	behalf by:	
Cian O'Hora Director			
Suzanne Tynan Director			

### INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE BALANCE SHEET AS AT 31 DECEMBER 2021

		2021	2020
	Notes	€	€
Current Assets			
Debtors	6	1,938	3,390
Cash and cash equivalents		90,258	104,007
		92,196	107,397
Creditors: amounts falling due within one year	7	(11,786)	(14,888)
Net Current Assets		80,410	92,509
Net Assets		80,410	92,509
Reserves			
Retained surplus		80,410	92,509
Members' Funds		80,410	92,509

The financial statements have been prepared in accordance with the provisions applicable to companies subject to the small companies' regime and in accordance with FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland", applying Section 1A of that Standard.

Approved by the board on	and signed on its behalf by:
Cian O'Hora Director	
Suzanne Tynan	
Director	

## INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE RECONCILIATION OF MEMBERS' FUNDS AS AT 31 DECEMBER 2021

	Retained surplus	Total
	$\epsilon$	€
At 1 January 2020	93,006	93,006
Deficit for the financial year	(497)	(497)
At 31 December 2020	92,509	92,509
Deficit for the financial year	(12,099)	(12,099)
At 31 December 2021	80,410	80,410

## INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE STATEMENT OF CASH FLOWS FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2021

	Notes	2021 €	2020 €
Cash flows from operating activities			
Deficit for the financial year Adjustments for:		(12,099)	(497)
Interest receivable and similar income		(9)	(14)
		(12,108)	(511)
Movements in working capital:  Movement in debtors		1,452	796
Movement in creditors		(3,102)	8,759
Cash (used in)/generated from operations		(13,758)	9,044
Cash flows from investing activities			
Interest received		9	14
Net (decrease)/increase in cash and cash equivalents Cash and cash equivalents at beginning of financial year		(13,749) 104,007	9,058 94,949
Cash and cash equivalents at end of financial year	10	90,258	104,007

### INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE NOTES TO THE FINANCIAL STATEMENTS FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2021

#### 1. General Information

Institute of Geologists of Ireland Company Limited By Guarantee is a company limited by guarantee incorporated and registered in the Republic of Ireland. The registered number of the company is 314400. The registered office of the company is 63 Merrion Square, Dublin 2 which is also the principal place of business of the company. The nature of the company's operations and its principal activities are set out in the Directors' Report. The financial statements have been presented in Euro  $(\mathfrak{E})$  which is also the functional currency of the company.

#### 2. Summary of Significant Accounting Policies

The following accounting policies have been applied consistently in dealing with items which are considered material in relation to the company's financial statements.

#### Statement of compliance

The financial statements of the company for the year ended 31 December 2021 have been prepared in accordance with the provisions of FRS 102 Section 1A (Small Entities) and the Companies Act 2014.

#### **Basis of preparation**

The financial statements have been prepared on the going concern basis and in accordance with the historical cost convention. Historical cost is generally based on the fair value of the consideration given in exchange for assets. The financial reporting framework that has been applied in their preparation is the Companies Act 2014 and FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland" Section 1A, issued by the Financial Reporting Council.

The company qualifies as a small company as defined by section 280A of the Companies Act 2014 in respect of the financial year, and has applied the rules of the 'Small Companies Regime' in accordance with section 280C of the Companies Act 2014 and Section 1A of FRS 102.

#### Income

Income represents membership subscriptions, course fees and other income for the year.

#### Tangible assets and depreciation

Tangible assets are stated at cost less accumulated depreciation. The charge to depreciation is calculated to write off the original cost of tangible assets, less their estimated residual value, over their expected useful lives as follows:

Computer equipment

33.33% Straight-line

The carrying values of tangible fixed assets are reviewed annually for impairment in periods if events or changes in circumstances indicate the carrying value may not be recoverable.

#### Trade and other debtors

Trade and other debtors are initially recognised at fair value and thereafter stated at amortised cost using the effective interest method less impairment losses for bad and doubtful debts except where the effect of discounting would be immaterial. In such cases the receivables are stated at cost less impairment losses for bad and doubtful debts.

#### Cash and cash equivalents

Cash and cash equivalents comprise cash at bank and in hand, demand deposits with banks and other short-term highly liquid investments with original maturities of three months or less.

#### Trade and other creditors

Trade and other creditors are initially recognised at fair value and thereafter stated at amortised cost using the effective interest rate method, unless the effect of discounting would be immaterial, in which case they are stated at cost.

#### Taxation

The company is exempt from corporation tax under Sections 76 and 78 Taxes Consolidation Act, 1997.

### INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE NOTES TO THE FINANCIAL STATEMENTS continued FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2021

#### 3. Departure from Companies Act 2014 Presentation

The directors have elected to present an Income and Expenditure Account instead of a Profit and Loss Account in these financial statements as this company is a not-for-profit entity.

#### 4. Provisions Available for Audits of Small Entities

In common with many other businesses of our size and nature, we use our auditors to assist with the preparation of the financial statements.

#### 5. Tangible assets

J.	Taligible assets	Computer	Total
		equipment €	€
	Cost At 1 January 2021	1,153	1,153
	At 31 December 2021	1,153	1,153
	<b>Depreciation</b> At 1 January 2021	1,153	1,153
	At 31 December 2021	1,153	1,153
	Net book value At 31 December 2021		-
6.	Debtors	2021 €	2020 €
	Prepayments	1,938	3,390
7.	Creditors Amounts falling due within one year	2021 €	2020 €
	Accruals Deferred Income	6,998 4,788	8,946 5,942
		11,786	14,888

#### 8. Status

The liability of the members is limited.

Every member of the company undertakes to contribute to the assets of the company, in the event of the same being wound up while he is a member or within one year after he ceases being a member, for a payment of the debts and liabilities of the company contracted before he ceases to be a member, and of the costs, charges and expenses of winding up, and for the adjustment of the rights of the contributories among themselves, such amount as may be required, not exceeding &1.27.

### INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE NOTES TO THE FINANCIAL STATEMENTS continued FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2021

#### 9. Post-Balance Sheet Events

The effects of the Coronavirus COVID-19 pandemic remain a prevailing factor in the disruption of national and worldwide economies. The impacts of COVID-19 are considered to be events that do not require any adjustments to be made to the financial statements of Institute of Geologists of Ireland Company Limited By Guarantee for the year ended 31 December 2021. However, the directors continue to assess any possible future impacts of the virus on the company, both financial and non-financial, and implement all reasonable safeguards.

10.	Cash and cash equivalents	2021	2020
		€	€
	Cash and bank balances Cash equivalents	46,594 43,664	60,352 43,655
		90,258	104,007

#### 11. Approval of financial statements

The financial statements were approved and authorised for issue by the board of directors on

#### INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE

#### SUPPLEMENTARY INFORMATION

#### RELATING TO THE FINANCIAL STATEMENTS

#### FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2021

NOT COVERED BY THE REPORT OF THE AUDITORS

THE FOLLOWING PAGES DO NOT FORM PART OF THE AUDITED FINANCIAL STATEMENTS

## INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE SUPPLEMENTARY INFORMATION RELATING TO THE FINANCIAL STATEMENTS DETAILED INCOME STATEMENT

#### FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2021

	2021	2020
	€	€
Income	20.000	22.050
Professional member subscription	38,908	33,950
Associate member subscription	40	160
Member MIT subscription	1,860	1,720
Member retired subscription	680	360
Member application fee	1,810	1,930
European geologists application fee	700	770
European geologists membership subscription	6,918	6,346
Courses	-	2,100
Other income	-	50
Grant income		(3,332)
	50,916	44,054
Expenditure		
Rent	1,802	1,802
Insurance	1,277	1,423
Conference costs	-	1,953
Courses	11,265	605
Printing, postage and stationery	938	3,533
Public relations	10,855	5,324
Telephone	71	66
Website and computer costs	3,323	2,928
Professional fees	5,016	1,970
Bank charges	1,517	1,671
General expenses	701	647
Company secretarial costs	10,125	8,798
European Federation of Geologists subscriptions	7,908	6,459
Sponsorship and donations	2,756	2,581
Auditor's remuneration	5,470	4,805
	63,024	44,565
Miscellaneous income		
Bank interest	9	14
N. (100)	(10.000)	/40 <del>5</del> )
Net deficit	(12,099)	(497)