

EAGE

EUROPEAN ASSOCIATION OF GEOLOGISTS AND ENGINEERS

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WWW.EAGE.ORG



EAGE promotes the EurGeol Title to its Members

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Marcel van Loon (Executive Director, EAGE)

Stakeholders in cooperation on natural resources are:

Industry

Academia

Governments

Professional Societies

And more

Classification systems of

Raw materials

Resources

Terminology

And more

You need Qualified and competent people to accomplish.

Education, training & youth

- 20-50% unemployment
- 20% lack of skills
- Skill gap

Strategic Framework on Education & Training 2020:

1. Lifelong learning and mobility
2. Quality and efficiency of education and training
3. Equity, social cohesion and active citizenship
4. Creativity and innovation

What does industry say?

I don't see compromises in quality and safety but I worry about the sustainability of our industry. [...] We need to hang on to that talent and continue to attract the best brain power for the long term.

Ceri Powell, Executive Vice President Upstream Exploration, Shell, First Break (May 2016)

We need to help students understand how important earth science is – whether it is sedimentology or structural geology. We need them to understand the totality – the trap, the source, and how it hangs together.

Tim Dodson, Executive Vice President Exploration, Statoil, First Break (August 2016)

[Attracting the best talent] is one of the most serious problems our industry is facing.

Luca Bertelli, Chief Exploration Officer, ENI, First Break (January 2017)

Accreditation

The action or process of officially recognizing someone as having a particular status or being qualified to perform a particular activity:

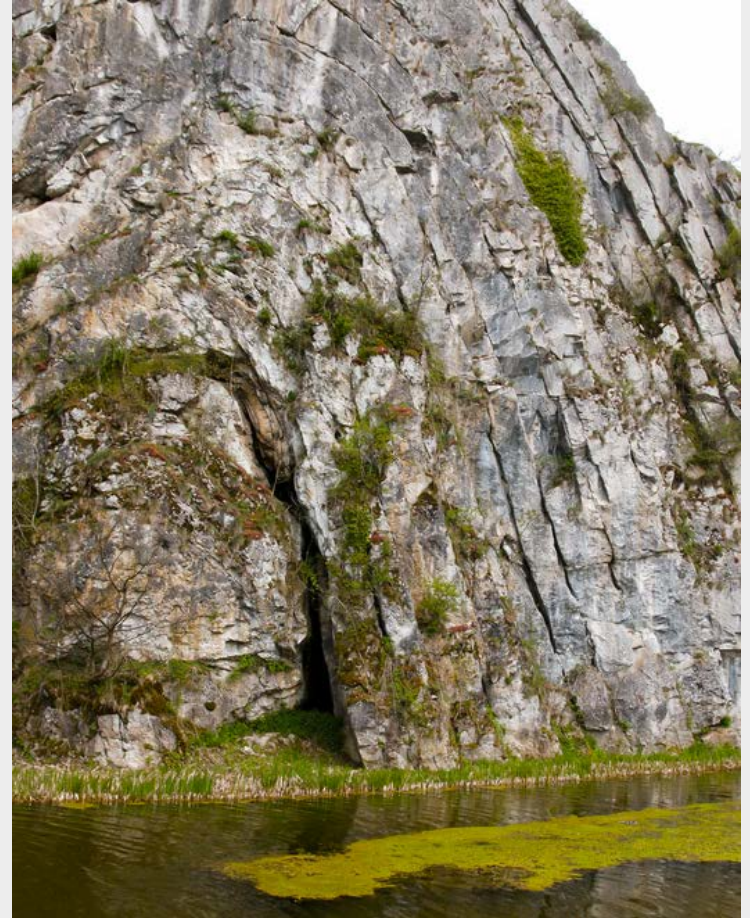
An acknowledgement of a person's responsibility for or achievement of something:

Accreditation in geology will benefit EU goals and respond to the needs of the industry, resulting:

- Quality standards
- Equal opportunities
- Improved professionalism
- Code of ethics

European Geologist (EurGeol)

- Awarded by European Federation of Geologists (EFG)
- 1000+ EurGeol title holders
- Professional accreditation in the field of geology
- Recognition of the ability to deliver high quality services
- Commitment of geoscience professionals to continued education and training
- Quality mark of competence
- Professional passport



The European Geologist title is built of four pillars:

- Academic Qualifications
 - Professional Experience
 - Code of Ethics
 - Continuing Professional Development
-
- Application must be submitted through one of the EFG's Licensed Bodies authorised to award the title
 - Title holders must provide a record of Continuing Professional Development (CPD) activities carried out
 - CPD points are assigned according to category, type of activity, and time spent

More information on <http://eurogeologists.eu/eurgeol-title/>

- Institute of Geologists of Ireland (IGI)
- Italian National Council of Geologists (CNG)
- Geological Society of London (GSL)
- Spanish Association of Professional Geologists (ICOG)
- Swiss Association of Geologists (CHGEOL)
- International Licensed Body (ILB) operated by EFG

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- Ability to understand the complexities of geology and of geological processes in space and time
- Ability to use geoscience information to generate predictive models.
- Ability to communicate clearly, both verbally and in writing.
- Understanding of the meaning and needs of professionalism.
- Awareness of Health and Safety and other statutory obligations
- Knowledge and understanding of the Code of Conduct.
- Appreciation of the role of Continuing Professional Development after validation.

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Cooperation on quality of competence persons is important to:

- Estimate
- Classify
- report

Natural resources.

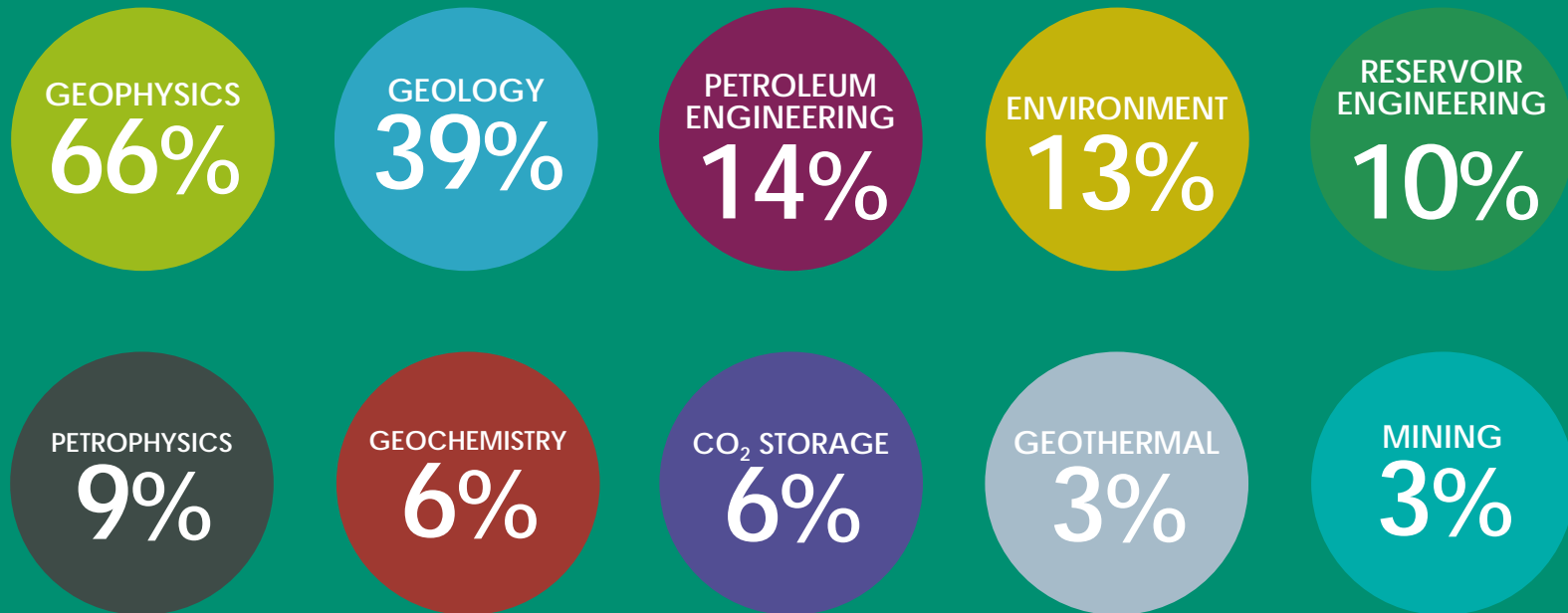


- Important stakeholders in this process are **professional societies**.
- In March 2013 EFG and EAGE signed a memorandum of agreement
- EAGE became first official Continuing Professional Development (CPD) Provider for the EurGeol title

- EAGE was founded in 1951
- It is a professional not-for-profit association for geoscientists & engineers
- EAGE provides a global network of commercial and academic professionals to more than 19,000 members
- 44% of members are in Europe



PROFESSIONAL INTEREST OF EAGE MEMBERS



- Innovation
- Technical progress
- Education
- Global development
- Application of geosciences

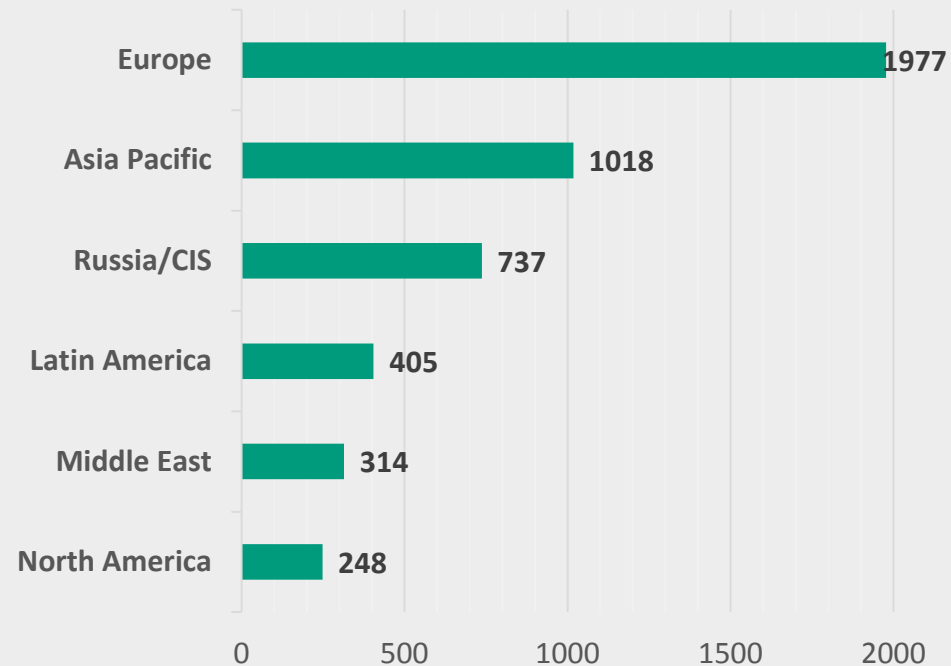


Two ways of gaining CPD points with EAGE services:

Enhancing and maintain skills and knowledge (Delegate)	Conferences	4 CPD points per day <i>(informal learning/untested)</i>
	Workshops	
	Fieldtrips, Bootcamps	5 CPD points per day <i>(formal learning/untested)</i>
	Courses	
	E-Lectures, E-Courses, Webinars	0.5 CPD points per hour <i>(self-directed study)</i>
	Publications and Books	
Participating in the geoscience community (Provider)	Technical Committee	1 CPD point per 3 hours <i>(non-work activities)</i>
	Local Chapter Activities	
	Technical Session Chair	1 CPD point per 1 hour <i>(contribution to knowledge)</i>
	Workshop/Fieldtrip Convenor	
	Instructor/Lecturer/Speaker	
	Paper/Article Authorship	

- EAGE started to issue CPD points from April 2013, worldwide
- Europe leads with almost 2,000 participations
- In Europe alone it's 11,505 CPD points
- There were 195 public short courses organized, and many more in the planning for 2017

Number of EAGE members who were issued CPD points by EAGE



EAGE actively promotes the title to it's members:

- EAGE and Learning Geoscience websites
- Short Course Catalogue
- Websites of education events
- Promotion campaigns for classroom training
- Electronic certificates to all delegates after participation at short course training



EAGE

EFG/UNECE Conference
International cooperation on natural resources

THANK YOU