



2024 Parliamentary and Science Committee

The Role of the Institute of Corrosion in Corrosion Management

Stephen Tate – ICorr President

www.icorr.org

Tuesday 15th October 2024

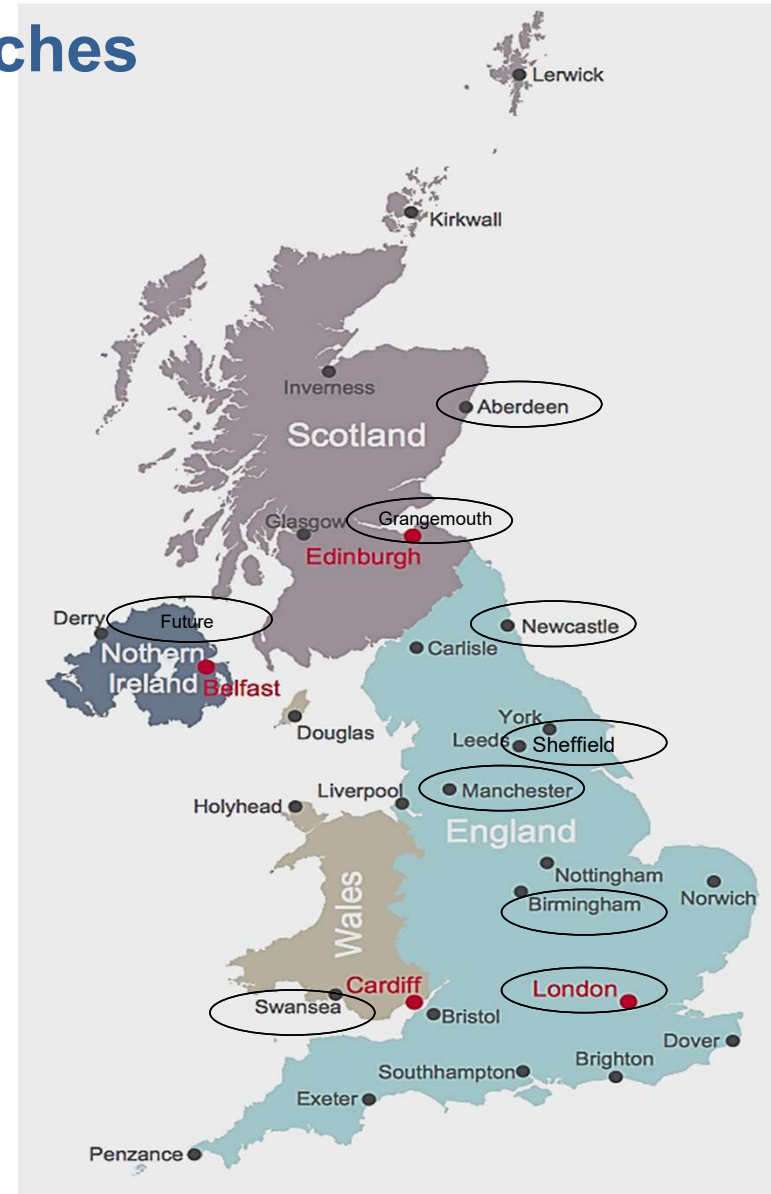
Corrosion Management and ICorr - History



- **ICorr History** 65 yrs old this year.
- **Founded in 1959** as the British Association of Corrosion Engineers and now the Institute of Corrosion (ICorr), to promote the dissemination of technical information about corrosion matters.
- **ICorr provides between 70-80 Technical Presentations / Seminars every year** across its Branches/Divisions that contribute to an individual member's Professional Development (CDP) requirements for Chartered Engineer status.
- **Extensive Classroom and Online Training offerings - Refer:**
<https://www.icorr.org/training-qualifications/>

Corrosion Management and ICorr – UK Branches

- Aberdeen - Largest
- Grangemouth (New 2024)
- Newcastle
- Sheffield
- Manchester
- Birmingham
- Swansea (New 2024)
- London
- Future (NI)



Corrosion Management and ICorr – Trustees and Council

President and Vice President

- **President - Stephen Tate** MBA, P.G
Dip. Eng, MlCorr

- Senior Corrosion Engineer at TOTAL
- Energies E&P UK (Technical Services - ABZ)
- **Past 2x Chair, ICorr Aberdeen**
- **Branch.**



- **Vice President – Dr Yunnan Gao**
- PhD CEng, CSci, FICorr, FIMMM.
- Pressure System & Integrity Engineer, BP, Sunbury-on-Thames
- **Past 2x Chair, ICorr Aberdeen**
- **Branch.**



Trustees (4) and Council (20)



Corrosion Management and ICorr - Membership Breakdown

- Total Members 2024: **around** 1,500 members (UK and Overseas based).
- Includes:
 - Student Members: 20%
 - Company Members: 35%
 - Local Branch Committees: 5%
 - **Balance** Individual Members: 40%



Corrosion Management and ICorr - Education and Skills Training

- The role of ICorr within the Corrosion Management field, is primarily one of Corrosion Awareness education together with 'specific skills training' **to improve competency in Corrosion Prevention.**
- Every year the Institute in conjunction with its authorised training partners **delivers approved training courses** to many thousands of Apprentices, Applicators, Engineers, Technicians, Inspectors and Supervisors working in the Corrosion Prevention industries.



Corrosion Management and ICorr - Training Types

Operative



Technician



Inspector / Supervisor



Engineer



Corrosion Management and ICorr – Recent Training Expansion

- **Cathodic Protection**
- 40x CP Courses expected
- to run in 2025
- Buried, Concrete and
- Marine CP



Cathodic Protection **Training and competence certification**

Meeting standards, exceeding expectations

The Institute of Corrosion Training and Certification Scheme for Cathodic Protection Personnel to BS EN ISO 15257:2017.

All CP Technicians and CP Design Engineers are required to have certification to ISO 15257.

The Institute of Corrosion provides training, examinations, assessment and certification for CP in steel in concrete, in collaboration for the Corrosion Prevention Association.



+ CP
Training



ICorr - New Marine Training Centre (2025) – Port of Aberdeen



ICorr - New Marine Training Centre (2025) – Port of Blyth

Robotics and Autonomous Systems Testing and Validation

CATAPULT
Offshore Renewable Energy

Testing and validating tomorrow's robotic and autonomous maintenance solutions.

- Marine Robotics & Autonomous Systems Testing
- Contact systems testing

Discussions initiated by CPGB, for additional Marine CP Training at Blyth. **Agreed in Principle.**



The Catapult's National Offshore Assembly Hub (NOAH), off the coast of Blyth, Northumberland



Corrosion Management and ICorr – Corrosion Awareness Forums

Aberdeen Corrosion Forum (ACF) has been Ongoing for 15yrs +



Corrosion Management and ICorr – Young ICorr

- Work of YICorr/YEP
- Young ICorr

•YICorr and YEP CORROSION TRAINING



Corrosion Management and ICorr – New University Bursaries

- New Bursaries



University of Manchester - New 5 Year Scheme Launched 2023

The Institute of Corrosion (ICorr) is providing prestigious scholarships at UoM to promote corrosion awareness and to **address the shortage of corrosion engineers and scientists worldwide.**

There are **2x MSc** scholarships available for September 2024 entry, each scholarship is worth £8,500 and is awarded as a tuition fee reduction. All those holding an offer for a UoM MSc in Corrosion Control Engineering are eligible to apply for this scholarship. The scholarships will be allocated based on the information provided in the application form, which will be emailed to all offer-holders.

The deadline to apply is 1 August 2024. If you have any queries about this scholarship, please contact the [PGT Admissions team](#) and <https://www.icorr.org/new-university-of-manchester-bursaries-scheme/>

There are also **4x Undergraduate Scholarships** available. ICorr will provide £2,000 bursaries for undergraduate (UG) students. The UG scholarships will be allocated in December 2024, which is when the final year students will choose the options for the second semester, (they can choose up to 3 Corrosion units).



Thank You for your Attention



Presenter Details

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