



**THE IRISH ACADEMY OF
ENGINEERING**
ENGINEERING & TECHNOLOGY

THOUGHT LEADERSHIP IN A TIME OF GREAT CHANGE

ACADEMY NEWS – Academy Executive meeting on 5 December 2024

The Irish Academy of Engineering Executive met on 5th December 2024 to review progress during a very busy year.



Tim Corcoran

Tom Leahy

Seamus McKeague

Fiona McCarron

Joe Harford

Sean Finlay

Treasurer
2025

President 2021- 2023

President 2023-2025

Administrator

Hon. Secretary

President Elect

Key highlights of 2024

Meetings:

- 4 meetings of Academy Council held
- 4 Meetings of Academy executive held

Regional meetings and events

IAE Regional Calendar 2024	Southern Region	Northern Region	Western Region
Chair	Brendan Murphy (Chair)	Jonathan Hegan (Chair)	Padraic O'Donoghue (Chair)
Sec./Deputy chair	(Peter Langford)/John T Murphy)		Gerard Hurley
Number on Committee	32	30	24
2024 calendar	27.02.2024 Meeting & Event - Visit DELL technology	01.02.2024 Meeting	New Chair of Western region appointed
	30.04.2024 Meeting	21.02.2024 Event (Sir Bernard Crossland Lecture)	03.09.2024 Meeting and Event - Visit to UL Bernal Institute
	03.09.2024 Meeting and Event - Visit to UL Bernal Institute	30.05.2024 Meeting	27.09.2024 Meeting in person in University of Galway
	26.11.2024 Meeting and event - Annual lunch	03.10.2024 Meeting	11.12.2024 Meeting and Event in person/ VC and site visit Boston Scientific ,Ballybrit

Standing committees:

Each of the 3 main standing committees meets regularly and reports are published by working groups

- Infrastructure Standing committee (Chair – Tim Corcoran)
- Energy & Climate Change (Chair – Eamonn O'Reilly)
- Enterprise, Innovation & Education (Chair Mark Gantly)

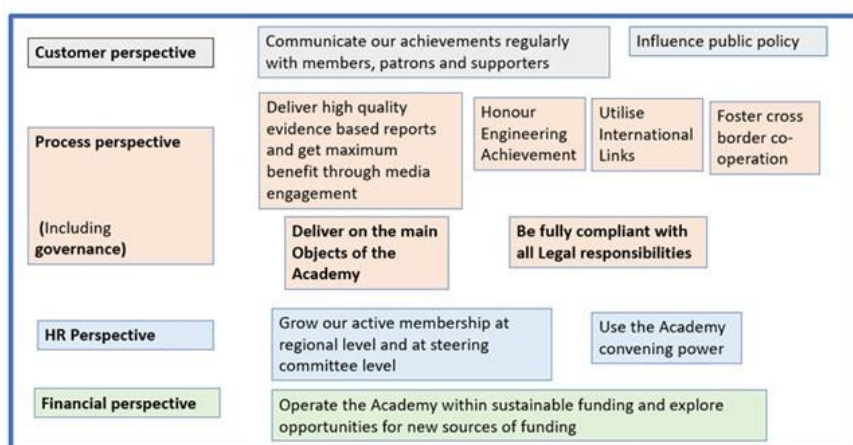
Publications

- Review of National ports policy – January 2024
- Annual report of Academy – March 2024
- Small modular reactors - June 2024
- Review of the Uisce Éireann Draft Water Services Strategic Plan 2050 – July 2024
- Recommendations on Planning consent process to achieve 2030 renewable energy targets – July 2024
- Strategic Infrastructure – major project delivery - November 2024

Review of Academy 5-year strategy (2021-2026)

Completed and revised scorecard adopted by Council 24th October 2024

Academy Strategy 2021-2026 – Mid term review adopted by Council 24 October 2024



One of the strategy activities was to **communicate our achievements regularly with members, patrons and supporters.**

To this end 15 News bulletins were prepared from June 2024 to date by Tom Leahy – Past President & Special Advisor and issued to Fellows and Patrons to address this element of the strategy.

Joint working with UK Royal Academy of Engineering(RAE)

Arising from the 6 – year memorandum of Understanding(MoU) signed in May 2022 by the Presidents of RAE and IAE two joint projects are underway

Note the two detailed news bulletins issued:

- 29th July 2024 – **IAE/RAE MoU - Transform your innovation into a successful startup with Enterprise Fellowships** – Applications for RAE Enterprise Fellowships valued at £70,000 are open in 2024 to applicants from Ireland
- 14th August 2024 – **IAE/RAE MoU update – Engineering Economy and Place (EEP) Ireland Project** – This follows on from a 2023 RAE study and publication showing how engineering contributes to the UK economy at a very detailed local level. With funding from Inter Trade Ireland(ITI) the same methodology is applied to ROI. This will be published in 2025 and for the very first time will show the detailed contribution of engineering on the island of Ireland.

International outreach

Euro-CASE – European Council of 28 Academies of Engineering and Science.

News bulletin - 23rd September 2024 – **Euro CASE conference 2024 held in Budapest** and attended by IAE who are a member of Euro- Case

IAE represented on the Euro-CASE 3- person Finance committee.

CAETS – International Council of 33 Academies of Engineering and Technology

News Bulletin - 2-3 July 2024 – **CAETS conference 2024 held in Helsinki** and attended by IAE who are a member of CAETS

CAETS Sequel Project International Working group - Ireland chair a chapter dealing with Buildings and SMART cities – This major report is due for publication in 2025

IAE is a member of the **CAETS communications group**.

We rely on the active volunteer support of our Fellows, supported by our Patrons to deliver on our mission of providing thought leadership in a time of great change. Please see our website www.iae.ie for more details.