



Press Release

CORK INSTITUTE OF TECHNOLOGY ANNOUNCED AS A FINALIST IN SEAI SUSTAINABLE ENERGY AWARDS

28th September 2018: The Nimbus Centre at Cork Institute of Technology is delighted to have been announced as a finalist in the Sustainable Energy Authority of Ireland's (SEAI) Energy Awards which encourage and reward excellence in energy management. 32 organisations across nine categories have made it through to the gala Awards ceremony on 25 October where winners will be named. The announcement is a recognition of the work and effort Cork Institute of Technology has put in and underlines our commitment to a sustainable model for the benefit of our environment and our community.

Working as part of an EU H2020 project known as [TOPAs](#) (Tools for Continuous Building Performance Auditing, grant agreement No 676760) the Nimbus research team developed a context driven framework and tool which provides an integrated view of relevant performance metrics at all levels from device, zone, building and blocks of buildings supporting users with the highest knowledge empowerment to ensure sustained energy efficiency gains. We have carried out significant work by:

- Using the Internet of Things to better understanding the link between occupant behaviour and energy wastage.
- Achieve total primary energy consumption savings in the region of 24% compared to measured baseline at CIT.
- Develop tools that utilise building data to provide insight, decision support and continuous energy auditing for building managers

Michael Coughlan, Buildings and Estates Office of Cork Institute of Technology said:

“As a public body, CIT is committed to a 33% improvement in our energy efficiency as we head towards 2020, by working closely with the research team in Nimbus the CIT energy team are able to get a clear insight into impact of energy efficiency measures that are put in place and help educate occupants and energy practitioners on energy management and responsibility through real world demonstration of novel approaches.”

Commenting on the competition, Jim Gannon, Chief Executive, SEAI said:

“Each year the SEAI Energy Awards showcase excellence in sustainable energy. We all have a say in what our energy future will look like and we all have a responsibility to act. The Awards finalists are leading the way in this action and are demonstrating how other organisations can push the boundaries of more sustainable energy generation and energy efficiency activities. I commend them on their significant achievements.”

The Awards are supported by category sponsors Enprova and Gas Networks Ireland. Full details on the finalist projects are available from www.seai.ie

For further information, please contact: Alan McGibney, Nimbus Centre, alan.mcgibney@cit.ie

Visit TOPAs project website: <https://www.topas-eeb.eu>

Editor Notes:

About Nimbus Centre, Cork Institute of Technology

Cork Institute of Technology (CIT) offers education programmes from vocational education of apprentices in construction related jobs to undergraduate and postgraduate degrees in applied science, engineering, business and some humanities subjects such as social science, sports, fine arts and music. CIT has Ireland's most comprehensive curriculum in engineering and graduates more engineers per year than any other third level institution in Ireland.

The NIMBUS Centre for Embedded Systems Research at Cork Institute of Technology conduct industry driven research in Internet of Things (IoT) and Cyber-Physical Systems (CPS) with applications in smart buildings, energy efficiency, and smart cities and communities. The Centre is equipped with state-of-the-art facilities and equipment for embedded systems research, development and demonstration. NIMBUS, with 40 researchers and engineers, is managed by staff with extensive national, international and industry R&D experience in national, EU and industry-funded research projects.

About SEAI

SEAI is Ireland's national energy authority investing in, and delivering, appropriate, effective and sustainable solutions to help Ireland's transition to a clean energy future. We work with Government, homeowners, businesses and communities to achieve this, through expertise, funding, educational programmes, policy advice, research and the development of new technologies. SEAI is part-financed by Ireland's EU Structural Funds Programme co-funded by the Irish Government and the European Union.

2018 Finalists in SEAI Energy Awards

Category	Business/Organisation Name
1. Large business I: Energy Management (Sponsored by Gas Networks Ireland)	AbbVie DELL EMC Wyeth Nutrition
2. Large business II: Energy Project (Sponsored by Enprova)	Allergan Pharmaceuticals Kerry Foods Carrickmacross Lidl Ireland & Northern Ireland GmbH Vodafone Ireland
3. Public Sector	Dublin City Council Dublin City University Sligo University Hospital SOS Kilkenny
4. Small Business	Airpacks Ltd t/a KORE Insulation Sirus Veolia
5. Community	Castleblayney Sustainable Energy Group Comharchumann Fuinnimh Oileáin Árann Teoranta Louth County Council
6. Buildings	Dún Laoghaire-Rathdown County Council Rediscovery Centre Eurotech Renewables National Gallery of Ireland National Gallery of Ireland
7. Research	Cork Institute of Technology RemoteHVAC Smart M Power Co (t/a MPOWER)
8. Energy Team/Manager of the Year	DAA Gurteen College Musgrave
9. Renewable Energy	EirGrid Elgin Energy Galway Wind Park - SSE/Coillte GSK Dungarvan