



eHEAT
Ireland

Croke Park
29th November

Decarbonising heat through electrification



ANNUAL CONFERENCE 2023

eheat.ie



SPONSORED BY



On the 29th November, eHeat Ireland will hold their 2023 annual conference in Croke Park Conference Centre, Dublin. This event will bring together industry experts, policy makers, professionals, and company owners to discuss the electrification of heat as an effective means of reducing carbon emissions. The greater electrification of heat is going to influence how Irish industry and business can move away from fossil fuels as electrification is a sustainable, efficient and economic means of generating heat for industry in Ireland.

It is further going to influence many areas of the energy industry, including greater utilisation of the electricity grid, providing flexible demand, and a reduction in fossil fuel imports. At the conference we will further look at:

- The wide heat pump technologies available for industry in Ireland
- Supports available to help make the move to electric heat
- Case studies of heat pumps from a broad range of industries

The conference will explore topics such as;

- The electrification of heat opportunity for industry, and the role it can play in supporting Ireland's climate goals
- Currently available heat pump technologies
- Supports available to support electrification of heat
- Electrification of heat case studies

Attendees:

- Industrial organisations/companies decarbonise with Scope 1 GHG emissions reduction targets
- Policy makers
- Industry experts
- Hear how large energy users are using heat pump technologies to reduce Scope 1 GHG emissions.
- Get the latest insight on climate policy in Ireland and the potential for significant carbon reduction by Industrial heat users.
- Listen to subject matter experts on the benefits of heat pump technologies.
- Meet and discuss the latest news on decarbonising industrial heat with colleagues.



Coffee & Registration 08.00am

09:20am-10:55am - Welcome and Opening Session - Facilitator - **Ronan Coffey** - Boston Scientific

- 9:25am **Minister Eamon Ryan** - Dept. of Environment - Title: The importance of decarbonisation through the electrification of heat
- 9:40am **Tom Marren** - eHeat Ireland - Title: Welcome to eHeat Ireland Conference 2023
- 9:55am **Brian Ó Gallachóir** - MaREI - Title: From Climate Ambition to Climate Action – How is Ireland Doing?
- 10:10am **Tristan McCallum** - IDA Ireland - Title: Delivering Scale and Ambition in achieving Industrial Net Zero
- 10:10am **Keith Whiriskey** - Enterprise Ireland - Title: Delivering Scale and Ambition in achieving Industrial Net Zero
- 10:35am **Q&A Discussion Panel**
- 10:55am-11:25am **Refreshment Break**



11:25am-13.05pm - Session 2 - Morning Session - Facilitator - **Tristan McCallum** - IDA Ireland

- 11:30am **Gregor Schumm** - Piller Blowers GmbH - PILLER MVRs – The Vapour compression heat pump technology for the process industry
- 11:45am **Fergus Sharkey** - SEAI - Title: Electrification of Heat – The Backbone of Industry Decarbonisation
- 12:00pm **Tom Marren** - Astatine Limited - Title: Proven Electrification of Heat Technologies and Their Application in Industry
- 12:15pm **Ellen Diskin** - ESB - Title: Incentivising flexible demand from industrial heat
- 12:30pm **Marcell Zambo** - Rondo Energy, Inc - Title: Lowest cost decarbonization of large-scale industrial heat in Ireland
- 12:45pm **Q&A Discussion Panel**
- 13:05pm-14:00pm **Lunch**



14:00pm-15:45pm - Afternoon Session - Facilitator - **Keith Whiriskey** - Enterprise Ireland

- 14:05pm **James Browne** - Irish Distillers Ltd – Title: The journey towards zero scope 1 CO2 emissions
- 14:20pm **John Hanley** - FDT Engineers – Title: Optimising Decarbonization of Heating Systems: Strategic Factors at the End User Stage
- 14:35pm **Sten Snellman** - Fresh Servant Oy Ab - Title: Fresh Servant Oy Ab
- 14:50pm **Sergio Contreras** - Boston Scientific - Title: Decarbonisation Through Electrification of Heat
- 14:50pm **Paul Burke** - PM Group - Title: Decarbonisation & Electrification, Challenges and Opportunities
- 15:10pm **Alannah O'Neil** - Johnson & Johnson - Title: Johnson & Johnson Campus Ireland Decarbonisation Strategy
- 15:25pm **Q&A Discussion Panel**
- 15:45pm-16:00pm **Closing Address**





Minister Eamon Ryan
Environment, Climate,
Communications
and Transport



Dr.-Ing. Gregor Schumm
Piller Blowers
& Compressors GmbH



Ellen Diskin
ESB Networks



Brian Ó Gallachóir
MaREI



Sergio Contreras
Boston Scientific



Tom Marren
Astatine Ltd



Fergus Sharkey
SEAI



Sten Snellman
Fresh Servant Oy Ab



James Browne
Irish Distillers Limited



Paul Burke
PM Group



Tristan McCallum
IDA Ireland



Keith Whiriskey
Enterprise Ireland



John Hanley
FDT Consulting
Engineers



Alannah O'Neil
DePuy Synthes



Marcell Zambo
Rondo Energy



EXHIBITORS



Astatine is a renewable heat and power specialist based in Ireland, bringing the future, today. We collaborate with industry as a decarbonisation partner, with a specific focus on the feasibility, detail design & installation of the following:

- Industrial High Temperature Heat pumps & thermal storage (Hot water & Steam)
- Industrial solar project & battery Storage
- Control & optimising of the above assets

Founded by former EY Entrepreneur of the Year finalist Tom Marren and a very experience management team from the energy sector. It has an in-house engineering and construction team, which provides expert initial feasibility studies, detail engineering design and turn key construction and after sales services. Astatine's portfolio of solutions is tailored to directly target and reduce reported carbon emissions under Scope 1 and 2 for its clients. Astatine works with both global and local Irish companies in the drink, food, dairy and pharmaceutical sectors. Our clients include Irish Distillers, Coca-Cola, Arrabawn, Lakelands, Medentech, Ahascragh Distillery and Boston Scientific, where they have seen cost and carbon reductions up to 50% on projects which have been implemented by Astatine. All decarbonisation projects can be delivered under zero CAPEX solutions by utilising Astatine's European Investment bank low cost Debt facility. For more information, please visit

www.astatine.ie



Enterprise Ireland is the state agency responsible for supporting the development of manufacturing and internationally traded services companies. We provide funding and supports for companies - from entrepreneurs with business propositions for a high potential start-up through to large companies expanding their activities, improving efficiency and growing international sales.

Enterprise Ireland also provide funding to support the different aspects of the decarbonisation & sustainability journey for Irish enterprises under;

Climate Planning Fund for Business- building company capability to develop plans for lower-carbon products, processes, and business models.

Enterprise Emissions Reduction Investment Fund- supporting capital investment and Research, Development & Innovation in decarbonisation

For more information please visit:

www.enterprise-ireland.com/en/Productivity/Build-a-green-sustainable-Business/



EXHIBITORS



PILLER is the technological leading manufacturer of blowers and compressors for the process industry. The German-based company develops, designs and manufactures custom-made solutions with excellent performance and maximum efficiency for nearly every industrial application. PILLER offers a full service from engineering over project planning to design and manufacturing. We provide comprehensive services, including commissioning, training, inspection, repair and system optimization.

Our goal is to provide the best technological solution complying with specific quality requirements. Our global network of wholly owned subsidiaries and joint ventures enables us to serve our customers worldwide in the best possible way.

All our activities are guided by the motto "Always Advancing". We act in the awareness of constantly evolving in all fields.

www.piller.de



Rondo Energy makes industrial decarbonization possible — and profitable — today.

The company provides zero-carbon, low-cost industrial heat to heavy industry, such as cement, mining, biofuels, food production and beyond. It does this by capturing low-cost renewable electricity in its Heat Battery, which provides on-demand delivery of high-temperature heat in the form of hot air, steam or hot water. Rondo helps customers lower their operating costs while continuously powering operations with zero-carbon energy.

Rondo not only helps replace fossil fuels for some of the most challenging sectors to decarbonize, but its technology can also help stabilize the grid by reducing curtailment and making use of excess renewable electricity.

www.rondo.com



Sustainable Energy Authority of Ireland are working with citizens, businesses, communities and government to transform how we think about, generate and use energy. SEAI provide a range of supports to business to support energy efficiency and renewable energy including advisory and decarbonisation planning support via Large Industry Energy Network, and grant support from EXEED, SSRH, Non-Domestic Microgeneration Grant and Community Grants.

www.seai.ie



eHEAT
Ireland

Decarbonising heat through electrification



eheat.ie