

Delivering Ireland's Energy Revolution



**Visitor Guide** 

20-21 March 2024 | RDS, Dublin 4



Rialtas na hÉireann Government of Ireland

## Table of **Contents**

SEAI Energy Theatre Schedule

SEAI Best Practice Arena & Heat Pump Area

Froduct of the Show Awards 2024

Product of the Show Judges 2024

Floorplan

Exhibitor Categories

12

**A–Z Exhibitors** 

#### **Opening Hours**

Wednesday, 20 March 10.00–17.00 Thursday, 21 March 10.00–17.00

#### **Organiser's Office**

Located to the right of the Main Entrance

#### **First Aid**

Please contact the Organiser's Office

#### **Media Office**

Please contact the Organiser's Office for all media information

#### **Lost Property**

All enquiries regarding lost property should be made through the Organiser's Office



William Walsh
Chief Executive,
Sustainable Energy Authority of Ireland



## We are delighted to welcome you to the RDS for the

## **SEAI Energy Show 2024**

Dear Attendees.

Welcome to the RDS for the SEAI Energy Show 2024. On behalf of SEAI and my colleagues, it's a pleasure to have you here under the theme 'Time for Action'.

With several thousand attendees each year, this exhibition highlights the vibrance and innovation of the sustainable energy sector, a key pillar of our economy. Explore over 100 exhibitors across three halls, witness best practice demonstrations, discover the latest technologies, and even take an EV test drive.

The urgency of climate action cannot be overstated. Efficient energy use and reliance on renewable sources are not just obligations but opportunities for economic, environmental, and societal benefits.

Irish businesses must stay agile to navigate disruptions and seize new opportunities. Ireland's leadership in energy transition is evident through the showcased technology and innovation.

SEAI's Energy in Ireland report underscores our progress, but collective efforts remain crucial. With advancements in technology, we possess the tools necessary to expedite the clear energy transition. The time for action is now.

Thank you to all exhibitors and delegates for your invaluable support

## Climate Toolkit 4 Business Start your zero carbon journey



Our targets to halve emissions by 2030 and be climate neutral by 2050 will require a transformation in our economy, society and communities. Irish businesses will play a crucial role in this transition – with huge benefits.

While many businesses have already grasped the opportunities of a decarbonised economy, for some it can be a big challenge. The Climate Toolkit 4 Business provides a clear and accessible starting point for any business, signposting them to useful climate action resources.

The Climate Toolkit 4 Business is an easy-to-use platform that enables businesses to see how they are doing in terms of their climate impact, and identify simple ways to reduce their impact, reduce costs, and prepare for the shift to a green economy.

#### **BENEFITS**

- Enabling small business to play their part in the wider climate action agenda
- Boosting efficiency; saving money; aligning with policy nationally and at EU level – important for companies looking to operate internationally
- Enhancing brand reputation
- Engaging staff in positive action and behaviours
- Regulations, it typically corresponds to an A2/A3 BER

This toolkit helps your business get started on your zero carbon journey.



For more information

Visit us at stand H3

www.climatetoolkit4business.gov.ie



**Rialtas na hÉireann** Government of Ireland

## SEAI Energy Theatre Schedule

Wednesday 20 March 2024

Time	Energy Topic	Speakers
11:00 – 11:45	<b>Low Cost Finance for Home Energy Upgrades</b> This briefing will provide an update on the upcoming Home Energy Upgrade Loan Scheme and other financing models available for home upgrades in the market.	Roisin Mulligan, Programme Executive, Sustainable Finance, SEAI
12:00 - 12:45	<b>ZEVI EV Dealership of the Year Award 2024</b> The ZEVI EV Dealership of the Year Award 2024 national winner presentation and discussion with the Regional Winners. The awards recognise excellence in dealerships in the promotion and encouragement of EV uptake. Four provincial winners were announced in February and invited to attend the SEAI Energy Show. The four form the shortlist from which the national winner will be selected.	Aoife O'Grady, Head of ZEVI, ZEVI, Declan Meally, SEAI Emer Barry, Programme Manager Electric Vehicles & Demand Generation, SEAI, Geraldine Herbert, Sunday Independent, Marion Browne, Connolly's Volkswagen Letterkenny, Sean Lyons, Fitzpatrick's Garage Kildare, Sean McCarthy, Fermony Nissan Cathal Sheridan, Western Motors
13:00 - 13:45	Product of the Show Winner Presentation  The winners of the 2024 Product of the Show will be presented with their awards.  (Attendees can also visit the Product of Show display area to see the finalists' products)	
14:00 – 14:45	<b>Business Grant Briefing</b> Briefing on the current business supports available to SMEs. This briefing will cover the educational and financial supports available to SMEs on their energy efficiency journey. It will include an overview of the Energy Academy, Energy Management Training, Support Scheme for Energy Audits and financial supports such as the Non-domestic Microgeneration Scheme, EV supports and the Support Scheme for Renewable Heat.	Ali Donnellan, Programme Executive SME & Energy Academy, SEAI, Eoin Cullen, Programme Executive SME, SEAI
15:00 – 15:45	Energy Efficiency Obligation Scheme (EEOS) for Business and Public Sector  This energy theatre session will involve an introduction of the Energy Efficiency Obligation Scheme (EEOS) to businesses and public sector bodies as well as a demonstration of the available supports from Obligated Parties (OPs) to these stakeholders in carrying out eligible energy efficiency improvement projects. The session will cover how the EEOS scheme operates, will explain who OPs are, what supports OPs can offer, examples of supports they have already offered to Irish businesses and public sector organisations as part of the scheme and the eligibility criteria to be met for an energy upgrade to be eligible for support. There will be two guest speakers joining the session- the first will be a testimonial from an Irish business/public sector organisation who has carried out a project with support from an OP and the second will be a contribution from an OP representative, providing further information on supports available and the overall process structure.	Eimear Cleary, Programme Executive EEOS, SEAI, Kevin Hourigan, Customer Solutions Manager, ESB, Paddy Sweene, Enprova, Stephen Dunne, Energy Manager, ESB
16:00 – 16:45	SEAI Market Surveillance Overview  The session will highlight the role of the Market Surveillance Authority within SEAI and how a level playing field is maintained for Economic Operators in respect of EU Ecodesign, Energy Labelling and Tyre Labelling Regulation through compliance monitoring, verification, and promotion. Ecodesign and Energy Labelling will account for significant energy savings and greenhouse gas emissions reductions across the European Union by 2030. It is estimated that 1533-Terawatt Hour of energy and 160 Million Tonnes of CO2 equivalent will be saved annually by 2030. The list of products that fall under the MSA's remit include many building service products and industrial products. All products covered use significant amounts of energy in an EU context. There will be practical steps outlined for importers/distributors to ensure that they are in compliance with Ecodesign and Energy Labelling legislation and what the compliance process looks like in practical terms. The benefits of registering products on the Triple E register and procuring from it will be highlighted.	Tim Stokes, Programme Manager – Market Surveillance, SEAI, John Sheeran, Programme Manager – Market Surveillance, SEAI

# SEAI Energy Theatre Schedule Thursday 21 March 2024

Time	Energy Topic	Speakers
10:00 – 10:45	Energy Performance Contracting This session will outline how Energy Performance Contracting (EPC) can help organisations across the public and private sectors deliver guaranteed energy savings and achieve their decarbonisation targets. There will be an introduction to EPCs and an overview of how the contractual arrangement between the beneficiary and the provider of the energy efficient improvement measure works in practical terms. The different contract types involved and how they differ from traditional works contracts and their benefits in relation to energy upgrade projects. The key steps involved in project implementation and delivery, such as project financing, procurement and risk management will also be highlighted. The Energy Contracting Support Scheme, which provides funding supports for organisation in need of external expertise to assist with project delivery will be outlined. These include EPC Facilitator training for Energy Auditors wishing to be included on SEAI's upcoming register of EPC facilitators and clients wanting to familiarise themselves further with the EPC process.	Aran Quigley, Programme Executive Public Sector Programme Support, SEAI, Joe Hayden, Executive Manager, Codema
11:00 – 11:45	<b>EV Fleet Trial Data</b> The findings to date of the ZEVI EV Commercial Fleet Trial will be presented as well as a panel discussion from some participants. There also be a fireside chat with Mike Keane of Hibra Design on decarbonising of heavy vehicles	
12:00 - 12:45	Ireland's Latest Energy Statistics and Target Progress  An understandable 'farm to fork' description of Irelands national energy system covering where our energy comes from (imports, own-production, etc.) and where it goes (transport, residential sector, industry activity, etc.). The presentation will cover the past, present, and future trends in Ireland's energy, by blending measured statistics with modelled projections. We will show how Ireland is performing against national emission targets, and European renewable energy share targets, and highlight what technologies and policies are helping us towards emission reductions.	Emma Lynch, Programme Manager Energy Modelling, SEAI, Lee Carroll, Programme manager for the Energy Statistics Team, SEAI
13:00 - 13:45	Product of the Show Showcase The winners of the 2024 Product of the Show will present on their winning products.	Paul Martin, William Walsh
14:00 - 14:45	<b>Business Grant Clinic</b> Opportunity for businesses to book in sessions with SEAI staff to discuss the supports available to SMEs on their energy efficiency journey.	
15:00 – 15:45	Commercial Retrofit  The session will focus on the anticipated launch of the non-domestic retrofit scheme, ideally timed before or during the Energy show. The briefing will offer insights into the retrofit support options for businesses and public sector entities. It aims to deliver comprehensive information through background analysis, showcasing case studies, and highlighting examples of businesses that exemplify best practices in retrofitting.	Eamonn Sheils, Programme Manager Commercial Retrofit, SEAI, Kevin Quinn, SEAI
16:00 – 16:45	Accelerating the Uptake of Heat Pumps in Irish Homes: Behavioural and Technical Considerations  This presentation will provide the latest insights into conversions from fossil fuel heating to heat pumps in Irish homes and describe the ongoing trial with heat pumps in high-HLI homes. Heat pumps play a key role in Ireland's strategy to decarbonise residential heating. In this session we present recent behavioural insights into the drivers behind, and barriers to, the uptake of heat pumps, give an assessment of the current state of heat pumps installed in the Irish dwelling stock, and describe an ongoing pilot project to explore broadening SEAI's heat pump grant support to more homes.	Hannah Julienne, Programme Manager Behavioural Economics, SEAI, Joel Franklin, SEAI, Stephen Farrell, Programme Manager National Retrofit Technical, SEAI



#### **SEAI**

#### Best Practice Arena

The Best Practice Arena at the Energy Show is a major feature that brings all the concepts, theories and aspirations relating to deep retrofit, NZEB, regulation compliance and contracting excellence to life

The demonstrations cover all the key elements of construction excellence with live presentations — using physical examples as props — on fabric, insulation, heat pumps, hot water, ventilation, air-tightness and solar.

Presenta	tion times		
Wednesday		Thursday	
Session 1	10.15am	Session 1	10.30am
Session 2	12.45pm	Session 2	12.30pm
Session 3	15.00pm	Session 3	15.00pm

Demonstrations Schedule			
Introduction / Welcome	Henry Sheahan, NIAI		
Contant action by CEAL	Dara Stewart, Programme		
Context setting by SEAI	Manager, EPBD Delivery		
Demonstrations with voice-overs			
External Wall Insulation	A   D		
	Andrew Butler, KORE Insulation		

Internal Wall Insulation

Cavity Bead Insulation	A   D   C	
Thermal Bridging Solutions	Andrew Rennie, Energy Store	
Attic Insulation	David Brady, ISOVER	
Pitched Roof Insulation	David Blady, ISOVEIV	
Internal Wall & Roof Insulation	Jason Horrex, ISOVER	
Air Tightness	Andrew Rennie, Energy Store	
PV Solar	Gerhard Hyel, PV Green	
Heat Pumps	April McHale, Daikin and David	
Ticuti umps	McConnell, Mitsubishi Electric	
Mechanical Ventilation	Chris Halligan, Lindab	
Q&A discussion		

Please allow 3 minutes for continuity linking. Q&A to be held together at the end

#### **SEAI**

### Heat Pump Area

The display of a full, custom-built, outdoor and indoor heat pump system, along with related pipework and controls, and intertwined within one of the house wall sections





#### **Electric Vehicles**

#### and Test Drives

The electric vehicle (EV) market is on a rapid upward trajectory. See the latest models available that could work for your business. Drop by the test drive kiosk in the Electric Vehicle Showroom to arrange a test drive of the VOLVO EX30 Single Motor Extended Range.

Test drives run from 10am-5pm Wednesday and Thursday and must be pre-booked via the registration system.

#### **Participants**

Volvo



#### Wednesday

10:00 - 17:00 Test Drives available. Pre-Booking Required

#### **Thursday**

**10:00 - 17:00** Test Drives available. Pre-Booking Required

#### **Seminars**

and Presentations

#### Wednesday

11:00 - 13:00	Industry Pathways to Net Zero	Minerva Suite
11:30 - 12:30	Navigating EU Funding Opportunities for SMEs	Merrion Room
14:00 - 16:00	Careers in Energy Retrofit: Session 1	Merrion Room
14:30 - 16:00	Digital Innovations to Enable Scale in the Domestic Retrofit Market	Minerva Suite

### **Thursday**

10:30 -	Pathways to becoming a One Stop	Lansdowne
11:30	Shop	Room
11:00 -	Traditional Buildings – Guidance and	Minerva
13:00	Research	Suite
11:00 -	Developing Supply Chains for Public	Merrion
13:00	Sector Retrofitting	Room
14:00 - 16:00	Careers in Energy Retrofit – Session 2	Merrion Room
14:30 - 16:00	Ventilation & Indoor Air Quality	Minerva Suite



#### Start your visit at the Product of the Show Awards 2024 display

The SEAI Energy Show "Product of the Show Awards" has championed innovative product developments, especially those incorporating smart energy solutions, for many years. Considerable investment in R&D, coupled with rapidly-changing technology, has seen a wave of pioneering products and systems featured at the Show. It is now regarded as the preferred platform for most manufacturers to introduce their latest innovations.

All category finalists are listed on the next page and their products are on display at the dedicated "Product of the Show Awards" stand in the SEAI Energy Arena. This is an ideal starting point when visiting the Show as it highlights products and services of particular merit as adjudicated by the Awards' judging panel.

## **Awards Categories**



Best Energy Efficient Product



Best Innovative Product



Best Renewable Energy Product



Best Services Provider



Best Lighting Product

The Product of the Show 2024 winners will be announced on **Wednesday 20 at 13.00** in the SEAI Energy Theatre

Winners of the Awards will be showcased with pitches on their winning products on Thursday 21 at 15:00 in the SEAI Energy Theatre

## Shortlisted Finalists

#### Abso

Haier M7/M8 hot water heat pump (HWHP)

#### **C&F Quadrant**

Keyter – Medea Pro Heat Pump

#### **Panasonic**

ECOi-W Aqua-G Blue A2W reversible heat pump chiller

#### **Mitsubishi Electric**

Hydrodan R32 water to water heat pump

#### **Fáilte Solar**

SigenStor Home Energy Solution

#### **Genius Roof Solutions**

Speedflash

#### **Balcas Energy**

Wood Pellet Powder Burner

#### **EnergyElephant**

EnergyElephant - 4Gets App

#### FVHAC

Electric vehicle hybrid heat pump air conditioning charging system (EVHACS)

#### Heva

Thunder WiSAN-P Heat Pump

#### **Ideal Energy Distribution**

Ideal Logic Air Monobloc Heat Pump

#### **Panasonic**

Panasonic Aquarea L Series A2W heat pump

#### **Ecological Building Systems**

**Airtight Specification Training Course** 

#### **Symphony Energy**

**Smart Optimisation by Symphony Energy** 



## Product of the

## **Show Awards Judges 2024**



#### **Stephen Weir**

Stephen Weir BEng, MCIBSE IEng, is current CIBSE Ireland Chairperson and MSI (Master Systems Integrator) Director at Hereworks. In his role as MSI Director he oversees the Intelligent Building delivery of projects globally for integration of the buildings systems. This involves complete integration of building system outputs to cloud data lake, where all building outputs such as HVAC, lighting, metering and even waste bins and food usage are centralised to a single repository. This approach allows for deep learning and interrogation of the building's system and enhances occupants' understanding and analysis of building dynamics, with a focus on the human and energy aspects.



#### Orla O'Kane

Orla is President of the Architectural Association of Ireland (AAI) and a Senior Architect with O'Mahony Pike Architects. She is also Design Studio Tutor at the School of Architecture, University of Limerick, and brings her vast experience from both cultural and arts organisations in the UK and Ireland to her work.



#### **Michael Curran**

Michael Curran is Head of Building Services, Energy and Utilities at NUI Galway. As Energy Performance Officer at NUI Galway, Michael led the team to ambitiously exceed Government targets in primary energy reduction, also wining the SEAI Energy Team of the year 2019. He also works closely with the U9 Group of Energy Officers across the university sector.



#### **Paul Martin**

Paul Martin is Programme Manager for Technical Standards Development, SEAI and a former Chairman of CIBSE Ireland. A graduate of Northumbria University, Newcastle and Waterford Institute of Technology (WIT), Paul is a Chartered Member and Fellow of CIBSE and is also the Chair of the Building Services Committee for the National Standards Authority of Ireland (NSA).



#### **Jessica Smyth**

Jessica Smyth is an electrical engineer, with a degree in building services from TU Dublin. She is working with Axiseng on various residential, commercial and public works projects. She is a member of Engineers Ireland and CIBSE, as well as the Institution of Lighting Professionals. She works on a wide range of WELL and LEED-led projects and always strives to design energy efficient systems for her projects.



#### **Eamonn Sheils**

Eamonn is a Chartered Engineer with 20 years of experience in the building services industry. His experience spans numerous sectors and regions, including new and fit-out projects in commercial office, retail, leisure, industrial and public sector in Ireland, Japan and Dubai. Prior to joining SEAI Eamonn was a director in one of the leading mechanical and electrical consultancies in the country. In his new role as Programme Manager – Commercial Retrofit, Eamonn will join the Business Team in SEAI in its drive to support and collaborate with all stakeholders on their journey to achieve the government's targets for this sector.



### SEAI Energy Show 20–21 March 2024

**Stand Position and Sizes** 



## Exhibitors by **Primary Category**

#### **Energy Auditing, Consultancy, Training & Associations**

Association Of Energy Engineers Ireland	F11
BER Assessors Association	H1
RetroKit	J14
Watt Footprint	F4

Mitsubishi Electric	C9
myenergi Ireland	EV2
Pinergy	D10
Pipelife Ireland Solutions Limited	D2
PVGeneration	B19
Solartricity	B1
Tria Energy	D14
Valk Solar Systems UK	C11

#### **Energy Efficient Equipment**

C & F Quadrant	B10
Euromotive Energy Ltd	L4
Jl Intelligent Cooling Solutions Limited	H5
Sirus	В9
Warmflow Engineering Co. Ltd	A9
Xylem Water Solutions Uk Ltd	E12

#### Sustainable Building **Products & Lighting**

Absol Renewable Energy	E4
Aerobarrier Ireland	А3
Graphenstone Paints	F1
Vivid Edge Limited	D1

#### **Energy Management Systems**

EnergyElephant	E10
GLAS Energy Technology	B2
Iso Baseline	F5
Symphony Energy	F13
Ultan Technologies	B12

#### **Electric Vehicles** and Charging Suppliers

and changing suppliers		
Carra Ireland	EV10	
Evhacs	B13	
Instavolt	EV12	
NiftiBusiness	<b>E</b> 6	
TSG Ireland	L7	

#### **Energy Suppliers** (including HVAC & CHP)

(	
Glen Dimplex	E14
UrbanVolt	C8

Renewable Energy	
Alternative Energy	G1
Balcas Energy	H4
CHP Mechanical Services Ltd	J5
Eel & Ewl Greentech	L3
Failte Solar	B4
GPC Europe	J2
Grant Engineering Ireland Ulc	C10
Ideal Heating	F8
Joule	D8
Local Power Ltd.	F3
Metac	J18

Other	
2eva	F9
Aramark Workplace Solutions	L9
ATC	E9
Bcr Comply	J17
Breffni Eco Group	F2
Celtic Dynamics	J15
Clarke Energy	E8
Climate Toolkit 4 Business	НЗ
Climeaction	C12
Communication Technology Limited	J3
Crest Pro Power	F6
Daikin Ireland	E13
Department Of Enterprise Trade And Employment	Н3
Department Of Transport	EV18
EC CHARGING	EV13
Eclipse Renewables	D11

EcoDepo	B11
Ecological Building Systems	D4
Ecovolt	A10
Encom Energy	A2
Firebird Heating Solutions	C2
Flogas Ireland	E15
Future Biogas Ltd	B16
Gaia Smart Energy	G5
Gas Networks Ireland	B18
Genius Roof Solutions	J1
Green Management Consultant Ltd	L2
Heat Pumps Ireland	A1
Hevac Limited	B15
Irish Bioenergy Association	J4
KORE Energy	E2
KORE Insulation	D6
Kra Renewables	J6
KSN Energy	G8
Laois And Offaly Education And Training Board	L1
Lawler Sustainability	J16
Lindab Irl Ltd	E3
Marstek Energy Co	E1
Midsummer Renewables	D5
Midwest Solar Ltd	Н8
Moby Bikes	F10
Molgas Energy Ireland Limited	A4
Panasonic Heating & Cooling Solutions	E13
Passive Sills	J12
Randridge Technologies	EV3
RFE	C6
Solar Hub	C5
Soler And Palau Ventilation Group Ireland	A6
Spectrum Engineering Ltd	B5
SSE Airtricity	<b>C</b> 7
Start Solar Ireland Ltd	G4
Stiebel Eltron	A8
Thermal Imaging Ireland	J13
Toward Zero Carbon Ltd	H2
TSUNESS CO., LTD	B8
Unitherm Heating Systems Ltd	<b>C</b> 1
Veep Energy	J8
Veolia	D12
Volvo Car Ireland	EV1
Weev	J19
Woodco Renewable Energy	Н9
ZIEHL-ABEGG Ireland Ltd.	F14

## Exhibitors **A-Z**

F9	2eva
E4	Absol Renewable Energy
G1	Alternative Energy
L9	Aramark Workplace Solutions
F11	Association Of Energy Engineers Ireland
E9	ATC
H4	Balcas Energy
J17	BCR Comply
H1	BER Assessors Association
F2	Breffni Eco Group (Breffni Insulation)
B10	C & F Quadrant
EV10	Carra Ireland Ltd
J15	Celtic Dynamics
J5	CHP Mechanical Services Ltd
E8	Clarke Energy
НЗ	Climate Toolkit 4 Business
C12	Climeaction
J3	Communication Technology Limited
F6	Crest Pro Power
D9	Daikin
EV18	Department Of Transport
EV13	EC CHARGING
D11	Eclipse Integration
B11	EcoDepo
D4	Ecological Building Systems
A10	Ecovolt Ltd.
L3	Eel & Ewl Greentech
A2	Encom Energy
E10	EnergyElephant
L4	Euromotive Energy Ltd
B13	Evhacs
В4	Failte Solar
C2	Firebird Heating Solutions
E15	Flogas Ireland
B16	Future Biogas Ltd
G5	Gaia Smart Energy
B18	Gas Networks Ireland
J1	Genius Roof Solutions
B2	GLAS Energy Technology
E14	GlenDimplex
J2	GPC Europe
C10	Grant Engineering Ireland Ulc

F1	Graphenstone Paints
L2	Green Management Consultant Ltd
F8	Groupe Atlantic / Ideal Heating
A1	Heat Pumps Ireland / Renewable Energy
B15	Hevac Limited
EV12	Instavolt
J4	Irish Bioenergy Association
F5	Iso Baseline
Н5	JL Intelligent Cooling Solutions Limited
D8	Joule Group Ltd
D6	KORE Insulation
E2	KORE Energy
C10	Grant Engineering Ulc
D14	Green Biofuels Ltd
G3	Greentricity
B13	Heat Merchants
B15	Hevac
<b>C</b> 5	lcocell
<b>C</b> 5	Innio Jenbacher
J4	Irish Bioenergy Association
G8	Iso Baseline
D9	Joule Group Ltd
A1	KelTech loE
C5	Kohlbach
G1	KORE Insulation
E7	Lawler Sustainability
F4	Local Power Ltd
EV10	Loco Scooters Ltd
J3	Loetb - National Construction Training Campus
F2	Manotherm
J18	Metac Training
EV3	Mg Motor Ireland
D5	Midsummer
C9	Mitsubishi Electric Ireland
J1	MK Honeywell
A7	Molgas Energy Ireland Limited
EV2	Myenergi Ireland
H5	Nevo
E9	Nexgen
C5	Ochsner

J14	Passive Sills
C11	Phoenix Contact Ireland
E13	Pinergy
D2	Pipelife Ireland Solutions Limited
A4	POLARIS SIGORTA BROKER SIRKETI
EV8	Polestar Automotive Ireland
B8	Pse
L11	Puredrive Energy Ltd
EV9	Randridge Smart Ev Ltd T/a Randridge Technologies
EV17	Renault Ireland
J15	RetroKit Ltd
A2	RFE (Reg Farrell Engineering Ltd)
D6	ROBUS
C13	SEAI
D10	Shenzhen Growatt New Energy Co.,ltd.
L4	Ske Engineering Gmbh
F10	SmartSPIN - H2020 Project
В6	Solar Hub
<b>A</b> 6	Soler & Palau Ventilation Group Ireland
D7	Solplanet
EV12	Solutions
B10	Spectrum Engineering Ltd.
<b>C</b> 7	SSE
J6	Start Solar
G4	Symphony Energy
EV5	Tokheim Ireland Limited
E6	Total Air Solutions Ltd.
F5	Toward Zero Carbon Ltd
B1	Turbotricity Ltd
D1	U Value Insulation Ltd
B12	Ultan Technologies
E4	Unilin Insulation
L8	Unitherm Heating Systems Ltd
H9	Universal Graphics
D12	Veolia
G2	Visor MMC
EV1	Volvo Car Ireland
F9	Watt Footprint
L2	Wwetb
E12	Xylem Water Solutions
F14	ZIEHL-ABEGG Ireland Ltd.

Partel