



Technology for
Efficiency in Controlled
Environment Agriculture

International Controlled
Environment Conference
2026



ceug.ac.uk

6th- 9th September, 2026

Edinburgh & Dundee, Scotland



Organised by the UK Controlled Environment Users' Group in Collaboration with NCERA-101 & ACEWS

Fàilte gu Alba

(Welcome to Scotland)

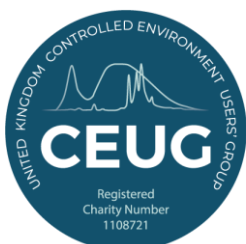
On behalf of the UK Controlled Environment Users' Group and the local organising committee we look forward to welcoming you to Scotland for the 6th International Controlled Environment Conference.

Hosted in two of Scotland's Historic cities; Edinburgh and Dundee delegates are invited to explore **“Technology for efficiency in Controlled Environment Agriculture”** over the course of three days. We aim to showcase the latest developments, research outputs, and technological advances in the field of Controlled Environment design and operation with speakers drawn from around the world for a truly international meeting.

We would like to thank both the University of Edinburgh and The James Hutton Institute, two of Scotland's foremost research institutions for kindly agreeing to host our conference and facilitate tours of world-leading CE infrastructure and research facilities.

2026 also marks the 60th Anniversary of the formation of UK Controlled Environment Users' Group. From its humble origins as a support group for owners of Saxcil Cabinets the group now brings together a diverse range of CE users, manufacturers, researchers, facilities managers and technicians with a commitment to sharing best practice in relation to controlled environments in all their forms.

We look forward to welcoming you



The James
Hutton
Institute



THE UNIVERSITY
of EDINBURGH



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Technology for Efficiency in CE Agriculture (6th – 9th September 2026)

Sunday 6th September - Pre-conference welcome, informal welcome gathering in Edinburgh

DAY 1 – Monday 7th September 2026

Venue: University of Edinburgh, The Nucleus Building EH9 3JG

Registration from 08:00, The Nucleus Building, University of Edinburgh.

All Papers and Presentations will be held in The Larch Theatre, level 1, The Nucleus Building

09:00 – 09:30 **Welcome and Introduction**

Representatives of University of Edinburgh and UK CEUG

09:30 – 10:30 **Session 1 - FACILITIES: FUTURE DEMAND**

Exploring what future research Controlled Environments may look like.
How to anticipate demands and build facilities fit for the future.

10:30 – 11:00 **Refreshments**

Access to Trade Stands and poster display.

11:00 – 13:00 **Session 2 - GLAZING TECHNOLOGIES**

Exploring new and near future technologies in glazing and coverings for
Controlled Environment growing such as films, coatings, materials and
Photovoltaics.

13:00 – 14:00 **Lunch**

Buffet lunch, access to Trade Stands and poster display

14:00 – 15:30 **Session 3 - RESEARCH DISCOVERIES**

A session of presentations championing Controlled Environment based
cutting edge impactful research, both local and international.

15:30 – 16:00 **Refreshments**

Access to Trade Stands and poster display.

16:00 – 17:30 **Session 4 - FACILITY TOURS**

Tour of University of Edinburgh research Controlled Environment
facilities, continued access to Trade Stands and poster display

17.30 **Annual Business Meetings of UKCEUG and NCERA101**



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DAY 2 – Tuesday 8th September 2026

Venue: University of Edinburgh, The Nucleus Building EH9 3JG

08:50 – 9:00 **Day 2 Welcome**

09:00 – 10:30 **Session 5 - DATA AND DECISIONS**

Current technology allows vast data sets to be generated from our CE but how much is required for stringency in systems control or in research. Exploring acquisition, processing and storage implications. Spatial and temporal considerations. Data optimisation and sharing.

10:30 – 11:00 **Refreshments**

Access to Trade Stands and Poster display

11:00 – 13:00 **Session 6 - EMERGING TECHNOLOGIES I**

Session exploring new and next generation technologies driving efficiency and sustainability in research and controlled environment agriculture.

13:00 – 14:00 **Lunch**

Buffet lunch, access to Trade Stands and poster display

14:00 – 15:00 **Session 7 - EMERGING TECHNOLOGIES II**

Session exploring new and next generation technologies driving efficiency and sustainability in research and controlled environment agriculture.

15:00 – 15:30 **Refreshments**

Access to Trade Stands and poster display

15:30 – 17:10 **Session 8 - CROPS IN CONTROLLED ENVIRONMENTS**

A session looking at developments for establishing and improving crops in CE and urban agriculture. Breeding, pest and disease control, substrates, recycling and sustainability may be explored.

19:00 **Conference Dinner, The Caves**



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DAY 3 – Wednesday 9th September 2026

Venue: The James Hutton Institute, Dundee, Scotland DD2 5DA

09:00 – 11:00 **Coach transfer from IBIS Hotel, Edinburgh South Bridge EH1 1HN to The James Hutton Institute, Dundee DD2 5DA**

11:00 – 11:30 **Welcome, Introduction and refreshments**
Representatives of James Hutton Institute and UK CEUG

11:30 – 15:30 **Presentations, Tours and Trade Stands**
Access to Trade Stands and Poster display. Tours of JHI plant phenotyping and research glasshouse facilities, and the Intelligent Growth Solutions LED plant growth facility. Presentations of the work of the James Hutton Institute.

13:00 **Buffet lunch**

15:30 **End of 7th International Conference.**
Coach transfer from The James Hutton Institute, Dundee to IBIS Hotel, Edinburgh South Bridge

Conference Venues

The conference will take place primarily in Edinburgh with the third day being hosted at The James Hutton Institute in Dundee. A coach transfer to Dundee is included in the conference fee. We recommend that delegate source accommodation in Edinburgh.

University of Edinburgh, The Nucleus, Kings Buildings, Edinburgh EH9 3JG www.ed.ac.uk

As one of Scotland's four ancient universities, Edinburgh has been influencing the world for more than four centuries. From Nobel laureates and Olympic champions to space explorers and prime ministers, our alumni and distinguished scholars have shaped Edinburgh into a world-renowned university. Founded in 1583, the University is the sixth oldest university in the UK and the oldest civic foundation in the English-speaking world

The James Hutton Institute, Invergowrie, Dundee, DD2 5DA www.hutton.ac.uk

The James Hutton Institute is a world leading interdisciplinary scientific research organisation delivering excellent, open and trusted science to help secure the future for people, nature and the economy. Through multidisciplinary research spanning land, crops, water and natural resources, the Hutton delivers measurable public good by supporting sustainable land use, climate resilience, food security and community wellbeing in Scotland and across the globe.



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Our work, from laboratories to landscape scale living labs, helps society respond to the climate and nature crises while strengthening rural communities and resilient economies. We undertake research for clients including the Scottish and UK Governments, the EU and international partners. We employ just under 500 staff, support around 100 PhD students, and have campuses in Aberdeen and Invergowrie, near Dundee. We are named after the pioneering 18th century Scottish Enlightenment scientist James Hutton, whose ideas laid the foundations of earth systems science through his understanding of deep time, cycles and the interconnectedness of natural processes. We continue his legacy of integrative, evidence led thinking.

The Caves, 12 Niddry Street, Edinburgh, EH1 1NS www.unusualvenuesedinburgh.com

Beneath the cobbled streets of Edinburgh's Old Town, nestled in the underground vaults of the South Bridge is 'The Caves', the venue of our conference dinner. Delegates are invited to join us for a truly Scottish dining and entertainment experience.

Accommodation Options

There are plenty of hotel and guest accommodation options across the city of Edinburgh, we expect that delegates will be able to find something that meets their requirements and budget and be able to enjoy the cultural delights of historic Edinburgh during their stay.

The accommodation suggested below are in Edinburgh old town, a short walk from the famous Royal Mile. This is where the pick-up point will be for the short coach transfer up to the University of Edinburgh's Kings Building Campus or for the excursion to the James Hutton Institute on Day 3.

The IBIS Hotel

Edinburgh Centre South Bridge
77 South Bridge
Edinburgh
EH1 1HN
all.accor.com

Holiday Inn Express

300 Cowgate
Edinburgh
EH1 1NA
ihg.com

Apex Grassmarket Hotel

31-35 Grassmarket
Edinburgh
EH1 2HS
apexhotels.co.uk

Travelodge Edinburgh Central

33 St Mary's St.,
Edinburgh
EH1 1TA
travelodge.co.uk

Travel Information

Air

Edinburgh has an International Airport with connections from around the world. Key International airlines are British Airways, KLM, Air France, Lufthansa, Qatar, Emirates, United Airlines, Delta and Air Canada Rouge.



Domestic airlines include British Airways, EasyJet, Ryanair and Loganair. From the airport there is a very easy-to-use tram connection to the City, as well as taxis.

Rail

Edinburgh Waverly station is centrally placed in the city and is served by both the East Coast Main Line and the West Coast Main Line. Services include LNER, LUMO, Cross Country, Avanti West Coast and Scotrail.

Coach

The main Bus / Coach station is sited close to the city centre and receives coach routes from National Express, Megabus, FlixBus and Citylink.

Local bus

The principal bus operator is Lothian Buses. Their service 9 serves The Kings Buildings. 7, 37 and 47 stop nearby. Fares are paid contactless.

Tourism

There are many websites for tourist information including these two official sites:

[The Official Guide to Edinburgh - Forever Edinburgh](#)

[VisitScotland.com](#)

Information for Trade Supporters

For our commercial members, this years' international conference provides the perfect opportunity to meet and exchange with a wider audience than usual. Over the course of the 3 days, we have created numerous opportunities to network with a wide range of CE users, scientists and facilities managers throughout the conference. This year, our dedicated Trade Displays will be present at both the University of Edinburgh and the James Hutton Institute sites, providing even more opportunities for information exchange.