

UK-EU Innovation & Collaboration Symposium on V2X & Smart Charging



University of
Salford
MANCHESTER

14-15 April 2026

The University of Salford, Manchester, UK



UK-EU Innovation and Collaboration Symposium on V2X and Smart Charging

14-15 April 2026

**Salford Business School,
The University of Salford, Manchester, UK**

Address: University of Salford Peel Park Campus,
43 Crescent, Salford M5 4WT

- Find us on Google Map: <https://share.google/R8q3INn5mWoELjebH>
- We have advantageous hotel rates. Please see them on page 3.

Travelling to the University of Salford

We are hosting you at the **Peel Park Campus** of the University of Salford. This campus is situated just a mile and a half (three kilometres) from Manchester city centre – so close you can walk. We are also just 1.6 miles from [MediaCityUK](#).

There are excellent transport links, with [Salford Crescent railway station](#) on campus and regular bus services. Trains from [Manchester International Airport](#) run hourly and take 30 minutes to campus. The airport can also be reached by car within 20 minutes.

No matter whether you're travelling to Salford by train, bus, bike, car, or plane, we have provided travel route information for you to explore before you set off on your journey. Please use this link <https://www.salford.ac.uk/travel> or scan the QR code for more information and guide.

For information about **car parks** please visit this page: <https://www.salford.ac.uk/campus/estates/car-parking>



UK-EU Innovation & Collaboration Symposium on V2X & Smart Charging



14-15 April 2026

The University of Salford, Manchester, UK

Hotels and Accommodations

Here's some info below on some of the hotels with distances:

| Hotel Name | Rooms Available | Process | Rate per night | Distance to Salford Campus |
|--|--------------------------------------|--|--|---|
| Holiday Inn, Media City | 20 Double rooms available @ UoS rate | www.holidayinn.com/mediacity Guests need to select the dates in order to find the allocated rooms under the name ' UK-EU V2X Symposium ' or phone directly: 0161 8131040. PLEASE QUOTE: 'UKE' if calling. | £106.00 inclusive of breakfast, Wi-Fi, and VAT. | 20 minutes via bus 50 |
| Motel One, Picadilly | Double room | Register as a BeOne member and receive 10% off when booking. | 10% discount off any rate, All rates shown are per night including continental breakfast, with flexible cancellation terms | 16 minutes via train to Salford Crescent |
| Motel One, St Peter's Square | | | | 15 minutes bus V2, 38, 50, V1 |
| Ainscow Hotel, Chapel Street | Double room | Online Bookings | £75- £90 per night Bed and Breakfast per room, inc VAT. | 14 minutes walk / 5 minutes buses V2, 50, V1, 37, 8 |
| StayCity, Piccadilly | 1 Bedroom Apartment | Become a member and enjoy 10:% off | £133.50, All rates shown are per night, without breakfast, with flexible cancellation terms. | 15 minutes via bus V1, 35, V2, 50 |
| Wilde Aparthotels, Manchester City Centre | 1 Bedroom Apartment | Become a member and enjoy 10:% off | £97.50, All rates shown are per night, without breakfast, with flexible cancellation terms. | |

UK-EU Innovation & Collaboration Symposium on V2X & Smart Charging

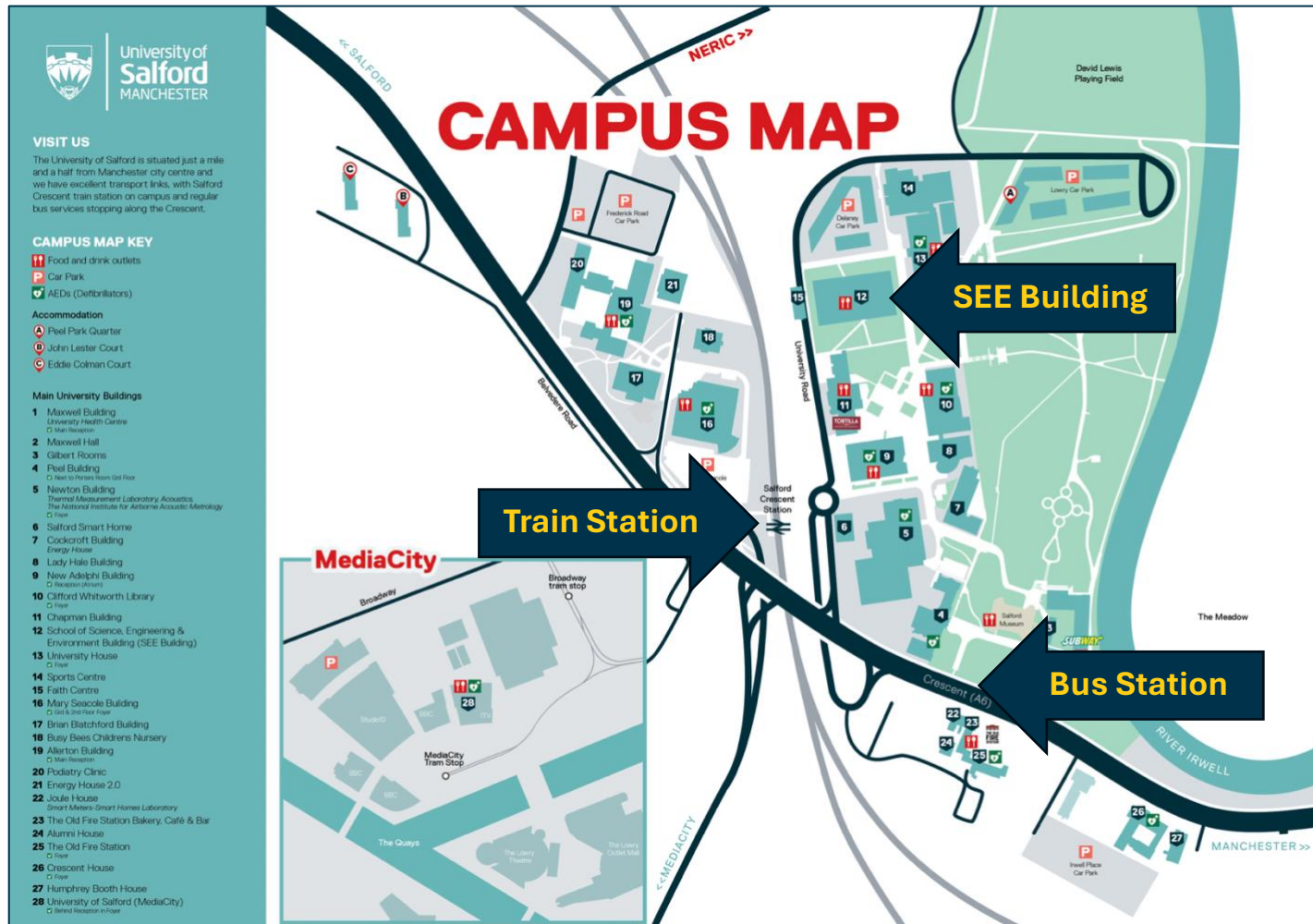


University of
Salford
MANCHESTER

14-15 April 2026

The University of Salford, Manchester, UK

University of Salford's Peel Park Map



Symposium Venue

Our iconic **SEE Building** will be the venue for this symposium. It is a multidisciplinary hub for teaching, research and industry collaboration, the building is home to our School of Science, Engineering and Environment (SEE).

Venue Room Guide

- **Plenary Sessions:**
 - **SEE 0.11:** Ground floor
 - **SEE 2.03/2.04:** 2nd floor
- **Parallel Sessions:**
 - **SEE 2.01:** 2nd floor
 - **SEE 2.11:** 2nd floor
- **Registration, Networking & Exhibition:**
 - **SEE Atrium:** Ground floor
- **Media Suite:**
 - **Interviews recordings at Serenity:** 2nd floor



UK-EU Innovation & Collaboration Symposium on V2X & Smart Charging



14-15 April 2026

The University of Salford, Manchester, UK

Tour of the Energy House Labs

We have arranged a limited-capacity tour of our national facility, [Energy House Labs](#). The visit will include the [HAVEN project](#) (2019), the Salford Smart Home (external viewing), and Energy House 2.0 (with chamber access to be confirmed).

[Energy House 2.0](#) is one of the largest purpose-built building performance test laboratories in the world.



UK-EU Innovation & Collaboration Symposium on V2X & Smart Charging



14-15 April 2026
The University of Salford, Manchester, UK

SYMPOSIUM PROGRAMME

Tuesday, 14th April 2026

| DAY-1 | | | |
|--------------------------------|--|---|------------|
| 08:30-09:00 | Registration and welcome coffee | | SEE ATRIUM |
| OPENING PLENARY SESSION | | | |
| 09:00-10:30 | Opening Plenary: UK–EU Perspectives on Smart Charging and V2X | | SEE-0.11 |
| | <p>Welcome and introductions</p> <p>This opening plenary sets a shared UK–EU vision for smart charging and V2X at scale, moving from pilots to trusted, everyday deployment.</p> <p>We will hear what is working, what is still blocking progress, and where action is needed next, across policy, standards, markets, networks, and consumer adoption.</p> | | |
| 10:30-11:00 | Coffee break and networking | | 2.03/2.04 |
| PARALLEL SESSIONS | | | |
| 11:00-12:30 | 1. V2X Markets, Aggregators and Revenue Stacking | 2. Standards, Communication Protocols, & Interoperability | |
| | SEE 2.01 | SEE 2.11 | |
| | <p>This session is essential for both the UK and EU, as scaling V2X depends on establishing clear and investable value pathways. It will focus on:</p> <ul style="list-style-type: none"> Market access and product definitions remain fragmented Settlement, baselining and data requirements are inconsistent Value sharing, risk allocation and tariff integration are unclear Who pays, who earns, who carries risk? | <p>This session matters for the EU and UK because interoperability is the make-or-break barrier for scaling V2X beyond pilots. It looks into challenges like:</p> <ul style="list-style-type: none"> Conformance testing and certification routes are inconsistent ISO 15118-20 is implemented differently across OEMs and chargers Multi-vendor integration creates recurring field failures and delays | |

UK-EU Innovation & Collaboration Symposium on V2X & Smart Charging



14-15 April 2026
The University of Salford, Manchester, UK

| | | |
|---|--|--|
| 12:30-14:00 | Lunch, Networking, and visit the project stands/poster | SEE 2.03/2.04 |
| PARALLEL SESSIONS | | |
| 14:00-15:30 | 3.Regulation, Grid Codes and Connection Approval | 4. Place-Based Delivery Models for V2X: Local Authorities and Community Energy |
| | SEE 2.01 | SEE 2.11 |
| | <p>This session explores how connection rules and compliance pathways influence the pace and scale of V2X deployment. Participants will work together to identify the regulatory and grid-code barriers that currently limit progress, clarify the responsibilities of different actors, and shape practical, co-developed recommendations to shorten approval times and reduce delivery risk. The discussion will focus on:</p> <ul style="list-style-type: none"> • Unclear and inconsistent connection approval processes • Role and liability gaps across DNOs/DSOs, OEMs, CPOs and aggregators • Grid-code requirements that are not yet prepared for routine V2X deployment | <p>This session looks at how place-based approaches can accelerate V2X deployment and shape meaningful local benefits. Participants will explore how councils, combined authorities and community groups can work with networks and market actors to design practical delivery models that reflect local needs and priorities. The discussion will focus on:</p> <ul style="list-style-type: none"> • Governance models for local delivery across councils, combined authorities and community groups • Public sector fleets, estates and the development of coherent local energy strategies • How to align incentives across communities, networks and market actors to enable scalable solutions |
| 15:30-16:00 | Coffee break and networking | SEE 2.03/2.04 |
| DAY-1 CLOSING PLENARY SESSION (SEE 0.11) | | |
| 16:00-17:30 | Day-1 Closing plenary session: Pilot Evidence and Deployment Readiness, What Works, What Fails, What Scales | |
| | SEE 0.11 | |
| | <p>This closing plenary consolidates evidence from UK and EU pilots to separate proven results from assumptions, and to define what is needed for scale. We will review technical performance, interoperability, network impacts, customer experience, and commercial outcomes, then identify replication conditions and evidence gaps. The session will produce a clear set of deployment readiness lessons and priorities for Day 2 recommendations.</p> | |

UK-EU Innovation & Collaboration Symposium on V2X & Smart Charging



14-15 April 2026
The University of Salford, Manchester, UK

| | |
|--------------------|--|
| | RECEPTION (SEE ATRIUM) |
| 17:30-19:30 | End of day networking, canapé, and drinks Please join us for an evening of conversation, networking and collaboration, focused on shaping the future of smart charging and V2X across the UK and EU. |
| | |

Wednesday, 15th April 2026

| DAY-2 | | |
|--------------------|---|---|
| PARALLEL SESSIONS | | |
| 09:00-10:30 | 5. Battery Health, Warranty and Consumer Assurance | 6. Making V2X Fair, Trusted and Beneficial for All Actors |
| | SEE 2.01 | SEE 2.11 |
| | <p>This session explores how concerns around battery health, warranty, and liability influence consumer trust and the wider adoption of V2X. Participants will examine the latest evidence on battery degradation, discuss how risk should be communicated, and co-develop practical approaches that make V2X attractive and credible for households and workplaces. The discussion will focus on:</p> <ul style="list-style-type: none"> Battery degradation concerns, emerging evidence and effective ways to communicate risk Warranty, insurance and liability barriers affecting consumer confidence | <p>This session explores how fairness, transparency and public value shape consumer trust in V2X. Participants will explore the barriers facing households and fleets, consider how inclusion and protection can be strengthened, and co-develop approaches that present V2X as credible, fair and beneficial for all actors. The discussion will focus on:</p> <ul style="list-style-type: none"> Fairness, inclusion and consumer protection in V2X participation Trust and adoption barriers across households and fleets How to communicate public value, resilience and local benefits credibly |
| 10:30-11:00 | Coffee break and networking | SEE 2.03/2.04 |

UK-EU Innovation & Collaboration Symposium on V2X & Smart Charging



14-15 April 2026

The University of Salford, Manchester, UK

| PARALLEL SESSIONS | | |
|--------------------|---|--|
| 11:00-12:30 | 7. Integrating V2X into Local Energy Systems and Network Operations | 8. V2X for Fleets, Depots and Heavy-Duty Transport |
| | SEE 2.01 | SEE 2.11 |
| | <p>This session examines how V2X interacts with local networks, site operations and emerging distributed energy systems. Participants will explore the technical and operational constraints that shape hosting capacity, consider how smart charging and bidirectional dispatch can be coordinated effectively, and co-develop insights on integrating V2X with microgrids, solar and storage to support resilience and local energy optimisation. Discussions focus on:</p> <ul style="list-style-type: none"> • Hosting capacity, local network constraints and the operational impacts of V2X • Smart charging versus bidirectional dispatch and coordination with site controllers • Microgrids, solar integration and resilience use cases | <p>This session explores how V2X can support fleet operations, depot management and the emerging needs of heavy-duty transport. Operational constraints, charging architecture options, and the conditions required for fleets to participate reliably in flexibility markets while maintaining service levels will be explored. The discussion will focus on:</p> <ul style="list-style-type: none"> • Depot operations, dwell time and fleet optimisation constraints • Megawatt charging, wired versus wireless solutions, AC versus DC, safety and accessibility • How fleets can participate in flexibility markets while meeting operational and service requirements |
| 12:30-14:00 | Lunch, Networking, Tour, and visit the project stands/poster | SEE 2.03/2.04 |
| PARALLEL SESSIONS | | |
| 14:00-15:30 | 9. Buildings, Homes and Heat: V2H, V2B and Resilience | 10. Hardware, Power Electronics & Charger Architecture |
| | SEE 2.01 | SEE 2.11 |
| | <p>This session explores how V2X can support buildings, homes and heat systems by integrating with existing controls, microgrids and whole-home optimisation. Participants will examine practical pathways for V2H and V2B deployment. The discussion will focus on:</p> <ul style="list-style-type: none"> • V2H and V2B pathways and integration with building controls and microgrids • Resilience, self-consumption and customer value beyond grid services | <p>This session focuses on the technical foundations required for reliable and scalable V2X hardware. Participants will examine the cost, efficiency and manufacturability pathways for bidirectional chargers. The discussion will focus on:</p> <ul style="list-style-type: none"> • Cost, efficiency and manufacturability pathways for bidirectional chargers • Architecture choices, including AC versus DC, CCS versus CHAdeMO, modular hubs and megawatt-level readiness • How hardware constraints affect interoperability, cyber posture and business models |

UK-EU Innovation & Collaboration Symposium on V2X & Smart Charging



14-15 April 2026

The University of Salford, Manchester, UK

| | | |
|-------------|---|---------------|
| 15:30-15:45 | Coffee break and networking | SEE 2.03/2.04 |
| | DAY-2 CLOSING PLENARY SESSION (SEE 2.03/2.04) | |
| 15:45-17:00 | Day-2 Closing plenary session: UK–EU Roadmap and Joint Action Plans | |
| | SEE 2.03/2.04 | |
| | <p>This session brings together insights from both days to shape a shared UK–EU pathway for accelerating V2X deployment. The common priorities across standards, evidence needs, regulation and scaling support, and work towards a set of joint actions for governments, regulators, system operators and funders will be discussed. The discussion will focus on:</p> <ul style="list-style-type: none">• Shared UK–EU priorities for standards, evidence, regulation and scaling support• Joint asks for policy makers, regulators, system operators and funders. | |
| | | |

UK-EU Innovation & Collaboration Symposium on V2X & Smart Charging



14-15 April 2026
The University of Salford, Manchester, UK

EU Funded Projects¹ (in alphabetical order)



UK Funded Projects² (in alphabetical order)

| | | |
|--|--|--|
| BEVScanV2X | Electric Heavy Goods Vehicles V2X Demonstration | ENSTOREL-V2X |
| Entrust V2H Charger | EV-shAIR | Local Network Fleet Solution |
| Leasy V2H | Megawatt Charging Multidirectional Microgrids | Next Generation V2X Power Module |
| Papilio3 DC V2X FastHub Demonstration | Project INFLEXION | Secure-V2B |
| Rural Energy Resilience | V2BUILD | V2VNY Demonstration |
| V2X-Flex | VECTORS (Vehicle to Energy Communities) | Zero Carbon Tariffs with Cashback |

¹ The EU funded projects under EU V2X Cluster are funded by the European Commission.

² [The V2X Innovation Programme](https://www.gov.uk/government/publications/flexibility-innovation) (the table highlights only a subset of UK-funded projects) is part of the up to £65m Flexibility Innovation Programme, funded from the Department for Energy Security & Net Zero's £1 billion Net Zero Innovation Portfolio (NZIP) <https://www.gov.uk/government/publications/flexibility-innovation>. In addition, the UK government funded 20 projects through the V2G programme (2018–2022), which delivered significant breakthrough work on bidirectional charging, particularly for domestic use.