



**WALES CYMRU NATIONAL TRANSPORT CONFERENCE
2022**

COP 26 Implementing the Policies

**Tuesday 14 June 2022
9:00 am to 12:15 pm (UK time)**

**Online Event
Hosted by Teams**

**Organised by ICE Wales Cymru
in conjunction with CIHT and CILT(UK) Cymru Wales**

Sponsored by



PROGRAMME

The aim of this conference is to address the theme of “COP 26 Implementing the Policies” by covering a wide range of topics which will positively impact the way we live our lives from transport strategy through using new and sustainable technologies. Whilst some of the strategies being presented are Wales only, they will have a wider impact as people embrace new ways of travelling and benefit from the positive rewards within our communities and the wider global world. Presenters will also focus on how we can all contribute to the implementation of these policies by thinking about the way we travel.

The COP26 summit held in Glasgow in 2021 brought parties together to accelerate action towards the goals of the Paris Agreement and the UN Framework Convention on Climate Change. More information can be found at www.ukcop26.org

This event is being brought to you jointly by the Institution of Civil Engineers, The Chartered Institute of Logistics and Transport and The Chartered Institution of Highways and Transportation.

Sponsorship of this event has been kindly provided by WSP and Atkins, Consulting Engineers



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| 9:00 | <p>Welcome to the conference</p> <p>Ed McCann FICE ICE President</p> |  |
| 9:10 | <p>Keynote Speech: Doing Transport differently in Wales</p> <p>Lee Waters Deputy Minister for Climate Change Welsh Government</p> <p>Lee Waters Member of the Senedd and Deputy Minister for Climate Change will speak on how he is leading on a range of policies in the way Transport is delivered in Wales. These wide-ranging changes in transport include a review of road schemes, a national 20mph default speed limit roll-out in residential areas, a Bus White Paper and Bill to introduce franchising and a step-change in Active Travel investment. To gain the long-term benefit of these policies we all (organisations and individuals) need to change the way we travel.</p> |  |

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| 9:20 | Q and A session |
| 9:30 | <div data-bbox="359 235 1353 421" data-label="Image"> </div> <p data-bbox="359 459 1189 571">Llwybr Newydd – The Wales Transport Strategy 2021. Alison Thomas Head of Transport Strategy Welsh Government Llwybr Newydd – The Wales Transport Strategy 2021.</p> <p data-bbox="359 616 1332 795">The Wales Transport Strategy sets a vision for an accessible, sustainable, and efficient transport system that is supported by 20-year ambitions that are good for people and communities, good for the environment, good for the economy and places and supports a thriving Welsh language and culture.</p> <p data-bbox="359 840 1332 1075">Responding to climate change requires a change in the way we travel. We need fewer cars on our roads, more people using public transport and more walking or cycling. We won't achieve that level of change unless we take people with us, listening to users and involving people in designing a transport system that works for everyone. The Strategy commits to engaging users in the planning and delivery of our transport system.</p> <p data-bbox="359 1120 1332 1310">A major commitment in the strategy is to move people away from using their cars to walking and cycling and to use public transport. The strategy sets a target for 45% of all travel to be by sustainable modes by 2040. To achieve this, we will need to increase our investment in these areas by using the Sustainable Transport Planning Hierarchy.</p> <div data-bbox="359 1344 1197 1713" data-label="Image"> </div> |

9:50



How we are preparing for a post COP 26 world of infrastructure in Wales

Emma Thomas - Future Generations Manager, Alun Griffiths (Contractors) Ltd

David Markham - Senior Manager - Asphalt Technology, Tarmac

Griffiths will present our ongoing journey from being the largest road builder in Wales to a company solely focused on sustainable infrastructure delivery. We will especially be focusing on our close collaboration with Tarmac to reduce the carbon cost of the work we do and what the future looks like on our collective journey towards zero.



10:10



Patrick Warner Lead Officer for Bus Decarbonisation Liverpool City Council

Merseyside's Zero Emission Bus Ambition – enabling the much wider decarbonisation of road transport

As Merseyside ushers in a bold new era for buses across the region, attendees will learn about the first deployment of zero emission hydrogen fuel cell buses in the north west of England, the standard setting new features that will transform the passenger experience as well as the environmental impact and the complimentary off bus infrastructure improvements that will trigger a return to growth in patronage and the ideal conditions for the kind of modal shift we will need to see if we are to achieve our climate change ambitions.

If that wasn't exciting enough, the ambition doesn't stop there because you will also hear how the ambition for better buses will also act as a powerful enabling force for the much wider decarbonisation of road transport, sharing refuelling infrastructure with other local heavy fleets to maximise the air quality benefits for local people across the communities of Merseyside.

10:30 **Comfort Break**

10:45



Developing a sustainable transport network through Metro

Geoff Ogden FICE

Director of Planning, Development and Advisory Services, Transport for Wales

Transport for Wales has evolved significantly since its establishment in 2015. This presentation will provide an overview of our development programmes across Wales, supporting our vision to create customer focused services through a safe transport network of which Wales is proud.

There will be an overview of our developing programmes and emerging priorities for the Metros, supporting the National Transport Delivery Plan. Key points of interest will be highlighted from the following programmes:

- North Wales Metro
- West Wales and Swansea Metro
- Metro Central – our work around Cardiff Central and the new bus station
- South Wales Main Line
- South Wales Metro – Cardiff Capital Region

It is anticipated that further sessions will be set up with more detail, for those wanting to understand more, beyond this short briefing across a wide-ranging series of programmes.



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| <p>11:05</p> |  <p>The key to Climate Change, Sustainable Communities, Protecting the environment Kathy Wilson-Ellis MSc MCIEHF Operations & Safety M62 J20 to J25 Human Factors Associate</p> <p>An exploration of the key to achieving climate change, sustainable communities and protecting and enhancing the natural environment. The common denominator is the human. In order to achieve these ambitious priorities, we need people to change. We need people to want to change and to be willing to change. This is always easier said than done. In order to achieve these changes, we need to explore what people currently do, why they currently do these things and how can we influence them. There isn't a "one size fits all approach" when it comes to humans. We are all very different and have different internal and external factors that shape our decisions our actions and behaviours. To achieve the changes, we need to approach these challenges with a new, fresh, alternative approach. We need to help today's society to evolve. The key to all of this is to work with the people, bring them on the journey and to be part of the evolution</p> |
| <p>11:25</p> |  <p>Member of the SNC-Lavalin Group</p> <p>Enabling Effective Carbon Management in Rail</p> <p>Daniel Newall BSc (Hons), MSc - Assistant Consultant, Infrastructure UK & Europe Engineering Design and Project Management Atkins</p> <p>Under the global climate crisis, changing policy demands are driving an increased prevalence in carbon reduction requirements and Net Zero targets on UK infrastructure projects. The industry is seeing a fundamental shift in the way we work, placing carbon at the core of our project delivery processes. As such, delivery teams are being challenged to find new and innovative solutions to help drive low carbon solutions.</p> <p>Carbon reduction is, at its simplest, the effective implementation of the carbon reduction hierarchy (Build Nothing, Build Less, Build Clever, Build Efficiently), but realising carbon reductions on major schemes can introduce new challenges. Low carbon solutions present both carbon reduction opportunities and carbon</p> |

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| | <p>increase risks and can also impact the wider delivery success of a project. Managing these opportunities and risks effectively is key.</p> <p>Achieving carbon reduction on a large rail scheme requires a culture and project structure that actively challenges tradition, capitalises on carbon focussed innovation, and delivers an effective pathway for enabling the application of carbon reduction opportunities throughout the supply chain.</p> <p>This presentation will introduce case-studies to discuss some of the major points in tackling these challenges and enabling low carbon design in the rail industry.</p> |
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| 11:45 | Panel Discussion |
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| 12:05 | Closing remarks by Ken Evans Chair ICE Wales Cymru |
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| 12:15 | Conference closes |