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## REVITALISING AND VALUING BROWNFIELD SPACES: SUSTAINABLE LAND REDEVELOPMENT AND BIODIVERSITY CONFERENCE PROGRAMME 16<sup>TH</sup> SEPTEMBER 2025 – HELD ONLINE

**Morning Chair: Harriet Webb CIEEM, CEcol, CEnv (CIEEM Vice President Wales)**

### SESSION 1

<b>09.30</b>	<b>Welcome and introduction</b> Harriet Webb CIEEM, CEcol, CEnv (CIEEM Vice President Wales)
<b>09.35</b>	<b>Opening address:</b> Harriet Webb CIEEM, CEcol, CEnv (CIEEM Vice President Wales)
<b>09.45</b>	<b>Net Benefit for Biodiversity – An emerging planning tool to restore biodiversity on previously developed land and improve ecosystem resilience.</b> Craig Llewellyn CEcol MCIEEM CSJK, Atkins Réalis
<b>10.10</b>	<b>Managing unexploded ordnance and ecology – a balanced approach</b> Harriet Webb CIEEM, CEcol, CEnv (CIEEM Vice President Wales), Arcadis
<b>10.35</b>	<b>Planning for invertebrates - the value of brownfields</b> Gemma Waters MCIEEM, Buglife – The Invertebrate Conservation Trust
<b>11.00</b>	<b>Break</b>

### SESSION 2

<b>11:20</b>	<b>Brownfield habitats and biodiversity net gain – building best practice guidance for nature positive cities</b> Caroline Nash PhD, Sustainability Research Institute at UEL
<b>11.45</b>	<b>Ty Peilot: A Multi-Agent AI Platform for Contradiction-Driven Biodiversity Enhancement in Post-Industrial Regeneration</b> Darrell Mann BSc(Hons) MSc C Eng FIMechE, Systematic Innovation Network
<b>12:10</b>	<b>From moonscape to community asset: the Lane End Nature Reserve and Heathlands Neighbourhood, Buckley, Flintshire</b> Elizabeth Seal, MCIEEM, CEnv, The Environment Partnership (TEP)
<b>12.35</b>	<b>Lunch</b>

**Afternoon Chair: Harriet Webb CIEEM, CEcol, CEnv (CIEEM Vice President Wales)**

### SESSION 3

<b>13:35</b>	<b>Coastal open mosaic habitats on previously developed land in Neath Port Talbot</b> Charles Hipkin Bsc PhD, Neath Port Talbot Local Nature Partnership
<b>14:00</b>	<b>Swansea Bay sand dune creation – a nature-based solution</b> Sean Hathaway MCIEEM, Swansea Council
<b>14:25</b>	<b>Trevor Basin area and former industrial works redevelopment</b> Sian Jones MCIEEM, Arcadis; Duncan Macaulay MCIEEM, Arcadis
<b>14.50</b>	<b>Break</b>

### SESSION 4

<b>15.10</b>	<b>The Wales metal mine programme, addressing the challenges of legacy metal mines and working towards the sustainable management of natural resources.</b> Lindsey Mansell CEcol, MCIEEM, Mining Remediation Authority
<b>15.35</b>	<b>From coal mine to community - the transformation of Coed Ely and Rhyd y Blew collieries</b> Madeleine Czura ACIEEM, Arcadis
<b>16.00</b>	<b>eDNA-based monitoring of recolonisation of regenerated grassland habitats by waxcaps and other grassland macrofungi</b> Prof. Gareth Wyn Griffith, Aberystwyth University
<b>16.25</b>	<b>Summary and Close</b>
<b>16.35</b>	<b>Finish</b>