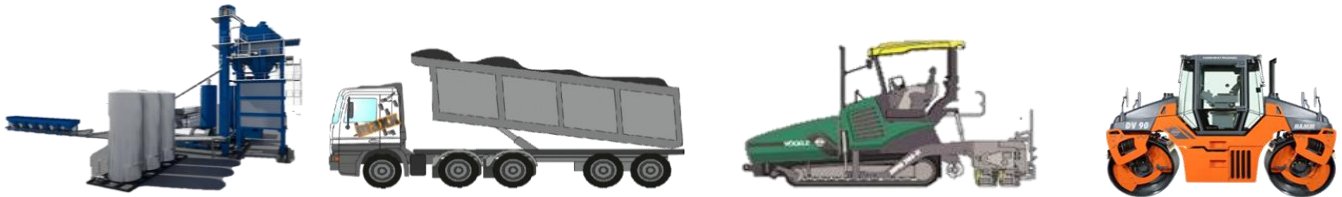


## Training Course

# Sustainable Road Pavements- Specifications, Materials, Sustainability, Quality & Supervision

24 April 2024 Ballycoolin Regional Training Centre



### TRAINING COURSE PROGRAMME

8.50-9.00	Registration	
9.00-9.15	<b>Welcome and Introductions</b>	
9.15-9.40	<b>Overview of Specifications and Standards</b> David Hogan	<ul style="list-style-type: none"> <li>• EN standards &amp; NSAI SR 28</li> <li>• Local Authority Specifications</li> <li>• IS 844, Certification (CE &amp; DOP)</li> <li>• IAT Guidelines</li> </ul>
9.40 - 10.20	<b>Overview of Road Pavement Materials</b> Ciaran Collier	<ul style="list-style-type: none"> <li>• Aggregates</li> <li>• Unbound materials</li> <li>• Asphalt</li> <li>• Production Controls</li> <li>• Factory Production Control &amp; Routine Testing</li> </ul>
10.20 - 10.40	<b>Sustainability</b> David Hogan	<ul style="list-style-type: none"> <li>• TII Specification</li> <li>• Life Cycle Assessment</li> <li>• Environmental Product Declarations (EPD)</li> <li>• RAP &amp; Warm Mix Asphalt</li> </ul>
10.40 - 11.10	Coffee Break	
11.10-11.30	<b>Asphalt Pavement Works</b> Corin Bridson	<ul style="list-style-type: none"> <li>• Transport, Laying, Compaction</li> </ul>
11.30-12.10	<b>Surface Treatments</b> Fergal Madden	<ul style="list-style-type: none"> <li>• Rate of spread of surface dressing chips</li> <li>• Overview of surface treatments</li> <li>• Hardness probe, Carpet tile test</li> <li>• Site testing requirements</li> </ul>
12.10-1.00	<b>Site Testing Requirements</b> Seamus O'Reilly	<ul style="list-style-type: none"> <li>• Sampling &amp; sample preparation</li> <li>• UGM and CBGM - Compaction and stiffness</li> <li>• Asphalt - Temperature &amp; density measurement, site coring, surface regularity, texture depth</li> <li>• HRA - positive texture and 3D Photogrammetry Reporting</li> </ul>
1.00-2.15	Lunch	
2.15-3.15	<b>Practical Demonstrations</b> All speakers	<ul style="list-style-type: none"> <li>• Texture Depth</li> <li>• Density Measurements</li> <li>• Sampling techniques for Road Materials</li> <li>• Site testing for Surface dressing_ carpet tile test, hardness probe, rate of spread</li> <li>• Concrete sampling and testing</li> </ul>
3.15-3.40	<b>Supervision of the Works</b> Corin Bridson	<ul style="list-style-type: none"> <li>• Road Pavement Types</li> <li>• Responsibilities, Reporting and records</li> <li>• Best practice, Problems and Solutions</li> </ul>
3.40-3.50	<b>Questions &amp; Discussion</b>	