

	Understanding asset management	Making the right AM decisions	Effective management of asset information/technologies
Models and tools		<ul style="list-style-type: none"> <li>• Long-term investment planning</li> <li>• Linking degradation to performance</li> <li>• Infrastructure performance simulation platform</li> <li>• Modeling risks before and after sensor deployment or change of AM strategy</li> <li>• Diverse asset portfolio management</li> </ul>	<ul style="list-style-type: none"> <li>• Hadoop-based asset info model</li> </ul>
Integrated Solutions		<ul style="list-style-type: none"> <li>• Integration of enterprise IS for real-time risk analysis</li> <li>• Integrating OM, IM, and AM decisions</li> <li>• Integrating data and physics-based deterioration models</li> </ul>	<ul style="list-style-type: none"> <li>• Solutions for futureproofing building foundation data</li> <li>• HW/SW for Mobile working</li> <li>• Integrating data from multiple data sources</li> </ul>
Guidance	<ul style="list-style-type: none"> <li>• AM Benefits</li> <li>• Idiot's guide to ISO 55000</li> <li>• Integrating ISO 55000 with other quality management frameworks</li> </ul>	<ul style="list-style-type: none"> <li>• How to use sensory data for managing slow processes</li> <li>• Simplify risk management and risk-based DM for AM</li> </ul>	<ul style="list-style-type: none"> <li>• Generic whole life asset information requirements register</li> <li>• Generic asset information resources</li> <li>• Integrating BIM and digital technology with asset management</li> <li>• Horizon scanning and assessment of digital technologies</li> </ul>
Methodologies	<ul style="list-style-type: none"> <li>• Methodology to quantify AM Benefits (Maturity vs. Performance)</li> </ul>	<ul style="list-style-type: none"> <li>• WLC-based evaluation of D&amp;B tenders</li> <li>• Incorporating sustainability</li> <li>• Very (100+ yr) long-term investment planning</li> </ul>	<ul style="list-style-type: none"> <li>• Economic data gathering and processing to reveal clear priorities for future (long term) action</li> <li>• Effective sensing strategy</li> </ul>