IAM Ireland Chapter
6th Knowledge Sharing Event

Theme: Investment planning and delivery capability and digital tools

Proudly sponsored by Irish Water
Knowledge Sharing Event
Investment planning & delivery capability and digital tools

Give me six hours to chop down a tree and I will spend the first four sharpening the axe.

~ Abraham Lincoln
# Knowledge Sharing Event

**Investment planning & delivery capability and digital tools**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10.30 – 45</td>
<td>Welcome</td>
<td>Mark Macaulay, IW</td>
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<tr>
<td>10.45 – 11.30</td>
<td>Digital Asset Management in DAA</td>
<td>Neil Moran, DAA</td>
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<td>11.30 – 12.15</td>
<td>Investment decision-making in GNI</td>
<td>Michael Durcan, GNI</td>
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<td>12.15 – 13.00</td>
<td>Lunch</td>
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<td>13.00 – 13.45</td>
<td>Beyond the digital hype: a study of advanced processes and technologies in asset investment decision-making</td>
<td>James Cooper, AMCL</td>
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| 13.45 – 14.30 | a) BIM in Ireland – Maturity and Diffusion  
b) BIM in Practice – Case Study | Dr. Barry McAuley, TUD 
David Mullen, EngDoc |
| 14.30 – 15.00 | Tea & Coffee Break                                                          |                                   |
| 15.00 – 15.30 | **Petcha Kutchas** for 3 IAM Members  
Mutual Energy, DAA, Irish Rail | Sam Gibson, Des Swale, Jude Carey |
| 15.30 – 16.00 | Welcome to new members and intros                                           | Ark Wingrove, Kompas Development   |
# Volunteers Workshop

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>16.00 – 17.00</td>
<td>Volunteers Workshop (Including NextGen)</td>
<td>All</td>
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Irish Water

Building a National Asset Management System & Capability

Mark Macaulay
Size and Scale of the Challenge

Serving 1.6m households and 200,000 businesses nationwide

Over 7,000 Water and wastewater assets including 2,000 Water and wastewater treatment plants

€13bn Investment required to address all known deficits
Irish Water Establishment Timelines

2023  Compliance with ISO 55001 as part of an Utility (Integrated) Management System

Today

2017  Connecting our Utility Capabilities (CoUC) Initiative Launched

2016  Asset Management Maturity Assessment (39 Subjects)

2014  Formation of Irish Water

Pre 2014 - Water Services delivered by each of the 32 Counties
National Water Resources Plan

25 Year Strategy

Supply Demand Balance

Environment

Improving Level of Service

Resilience

Water Quality

Full Options Assessment