

NI energy & environment
CONFERENCE 09

The Importance of Measurement & Control

Using KPI's to Our Advantage

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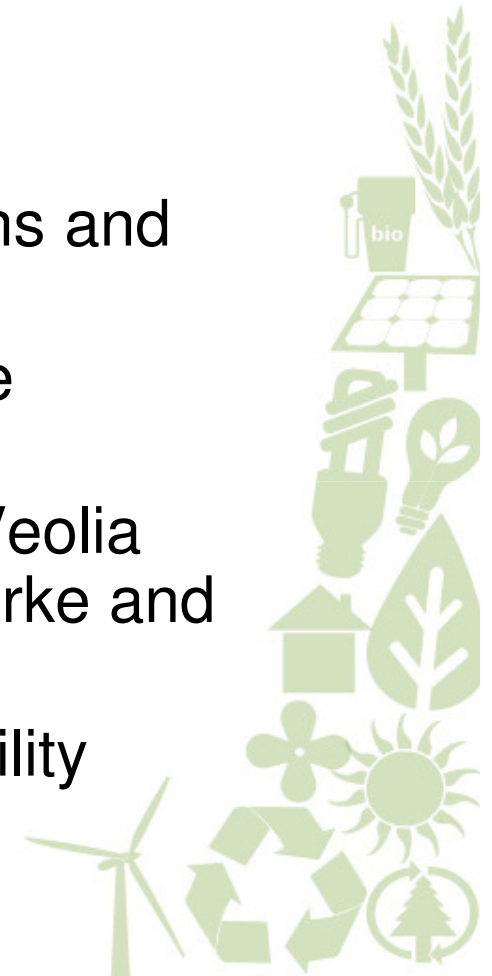
Joint Managing Director

Williams Industrial Services Ltd

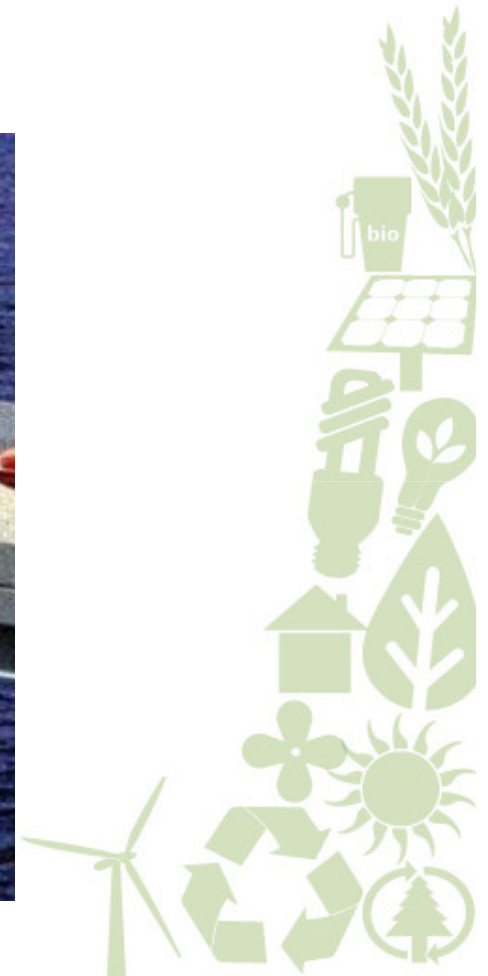


WIS – a brief overview

- WIS is the largest Environmental & Process Engineering company in N Ireland
- Employ more than 175 engineers, technicians and support staff
- Delivered more than £300M in projects since foundation in 1983.
- Long standing Strategic Partnerships with Veolia Water, NI Water, Severn Trent, Laing O'Rourke and other key industry players.
- Work across a wide range of industry and utility sectors, including Water & Waste Water, Food & Drink, Chemical & Power etc.



The importance of measurement ?



Failure to measure = Failure to Control

- There are perceived barriers to Monitoring & Control within industry.
- Too Complicated
- Too Expensive
- Won't make any difference
- Paybacks are too long
- No resource in-house to manage it.
- There are other more important things



Your Industrial MIS

(Management Information System)

- The financial success of every organisation is based on accurate measurement and appropriate control systems being in place.
- Six Sigma Quality System is a disciplined measurement driven approach to eliminating defects within a process or organisation (< 3.4 defects per million opportunities)
- **Waste is a direct result of defective processes**



Current Technologies that help

- We can use new technologies to help us break down the physical and technical barriers between our processes and the management information we need.
- Wireless instrumentation & control
- Smart instrumentation
- Digital Communications
- Asset Management Software
- **Optimisation of Technology, Expertise and Processes**



So How do we improve ?

- By applying KPI's
- Knowledge
- Partnership
- Innovation



WIS

Williams Industrial Services

Thank you

