



SUSTAINABLE WATER **CONNECT**

MEET THE BUYER | NETWORK | SUPPORT



Decarbonising Water and the Supply Chain

EUGENE HEANEY

Green Economy Business Development Manager
Invest Northern Ireland



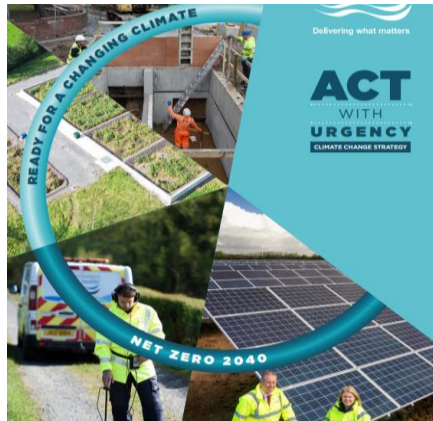
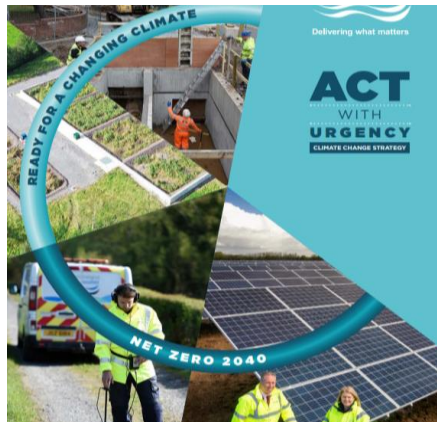
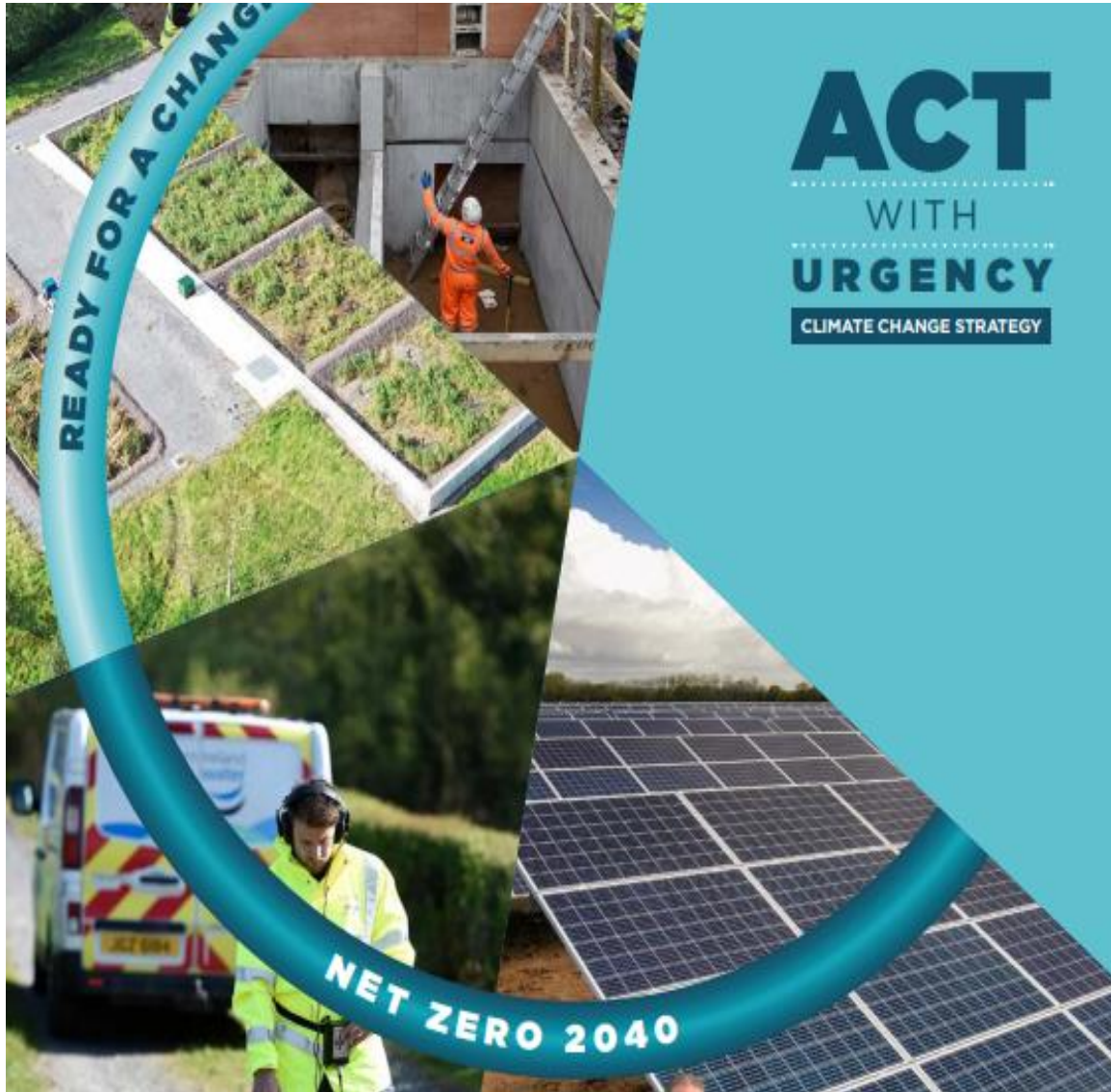
Programme

- Damien O'Mullan, Head of Energy for Northern Ireland Water
- Eilis Kelly, Head of Commercial at NI Water
- Connor Whoriskey, Programme Manager, Energy & Resource, Invest NI
- Q&A

SUSTAINABLE WATER CONNECT

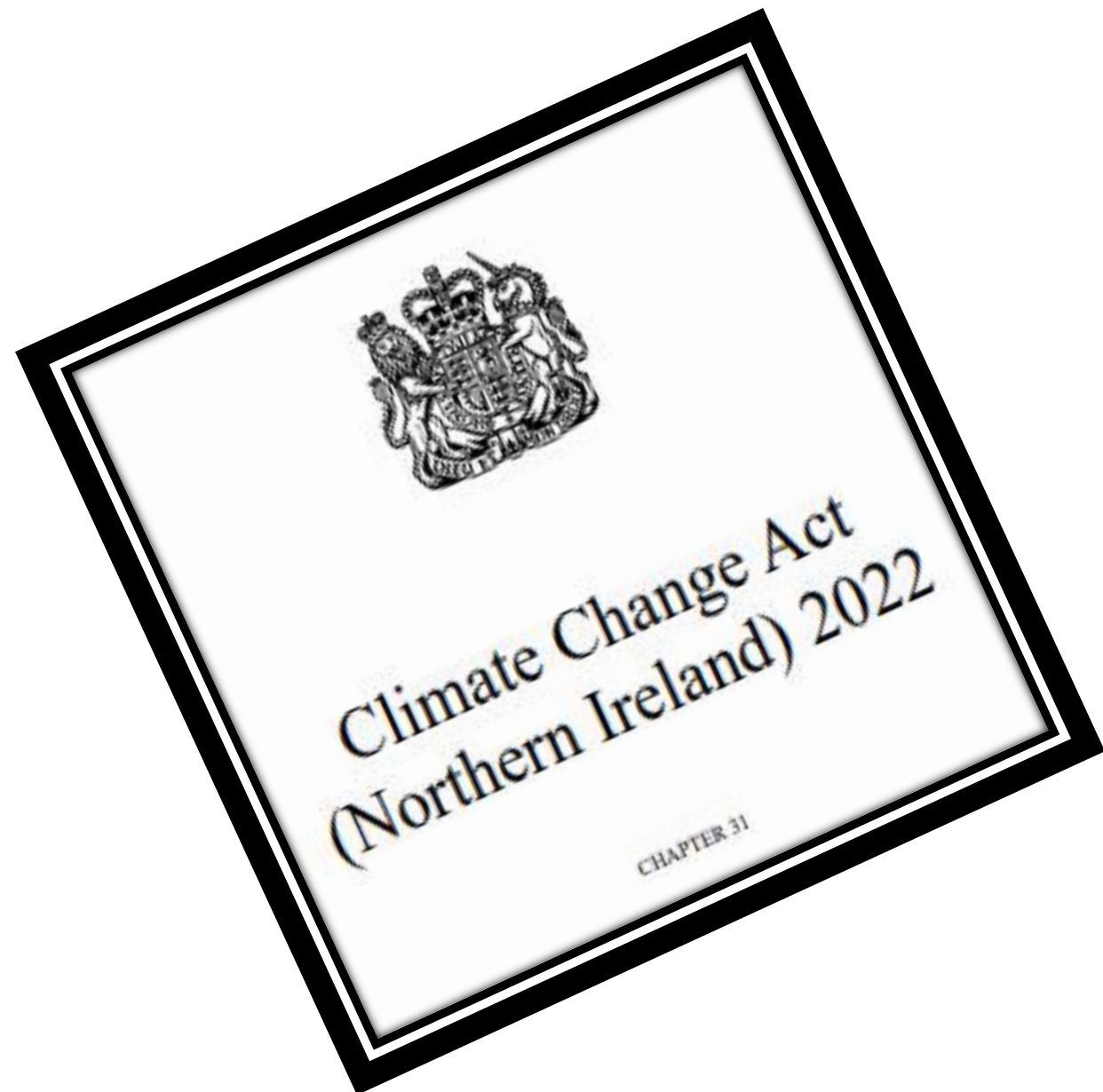


In partnership with
niwater
Delivering what matters





The cheapest energy is
the energy you don't use
in the first place.



Financial Institutions

- Sustainability credentials
- Reducing your environmental footprint
- Plan in place



Having The Right People





Damien O'Mullan

Head of Energy, NI Water



Purpose

- Introduce NI Water's Energy Strategy
- Highlight how the supply chain can get involved in the delivery of our energy ambition

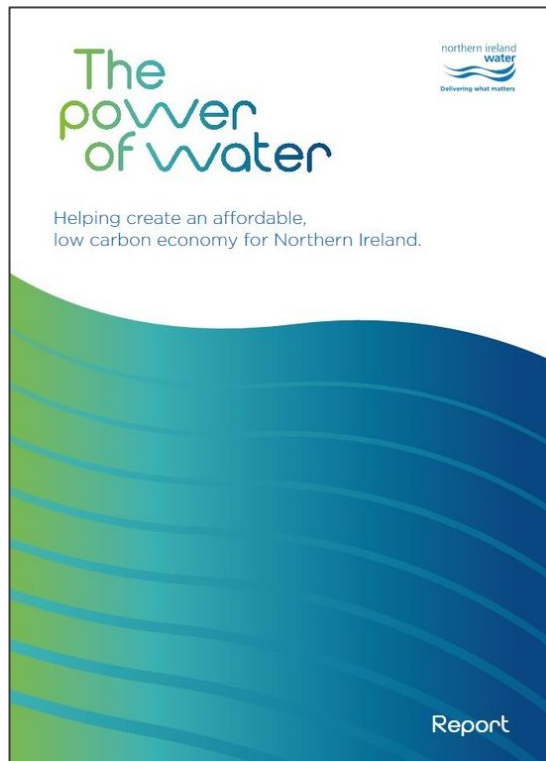


What we'll Cover

1. NI Water's Energy Strategy and net zero target
2. The key investment areas and opportunities for suppliers
3. A look forward towards the key areas of innovation over the next few years



Largest Electricity user in NI



Our electricity bill has doubled from c.£30m to £60m+ (and set to continue)

Electricity accounts for c.22% of our annual operating costs and 75% of our operational carbon

Our energy net zero goal by 2030 is predicated on switching to fully renewable power

To deliver on net zero - we must collaborate, innovate and act with urgency

Energy matters to our business more than ever

Our energy strategy has 4 key delivery themes



Use less - Energy efficiency is at the core of our strategy



Buy less - Incorporate more renewables



Buy better - We must adapt to a decarbonizing electricity market



Empower - We must continue our innovation journey to reach net zero



Use Less - Key Investment Areas



Predict
Control
Optimise



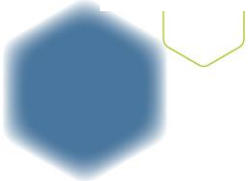
Pump
&
Blower Upgrades



WW Real
Time
Control



Odour
Control



Buy Less – Key Investment Areas



NIW
Solar Farm



NIW Wind
Turbine



Hydro



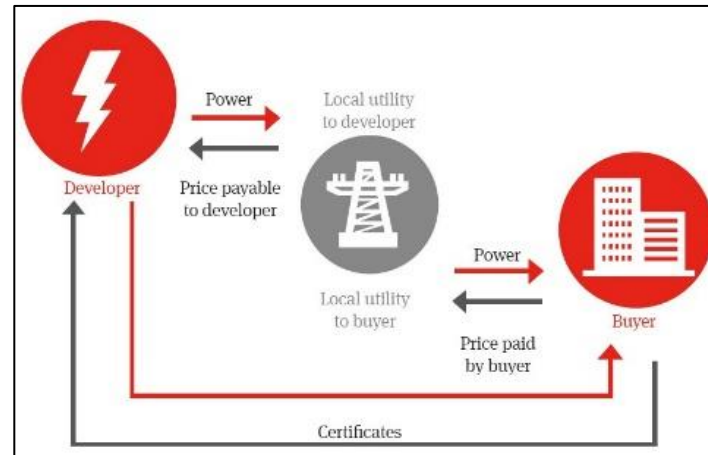
Waste Water
Sludge



Buy Better – Key Investment Areas



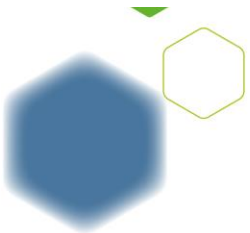
Power Purchase
Agreement



Corporate
PPA



Energy
Trading



Empower – Key Investment Areas



Energy Storage
Batteries and
and Hydrogen



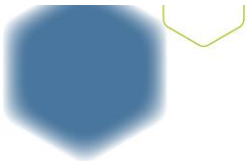
Major
Wind Farm
3rd Party



EV
Charging
Infrastructure



Tree
Planting



Key opportunities moving forward – Innovation

- Small Business Research Initiative Projects (SBRI)
- Continued to develop the key pillars of our Energy Strategy
- Flexibility will become increasingly important
- Energy from Sludge
- Climate mitigation



Eilis Kelly

Head of Commercial, NI Water



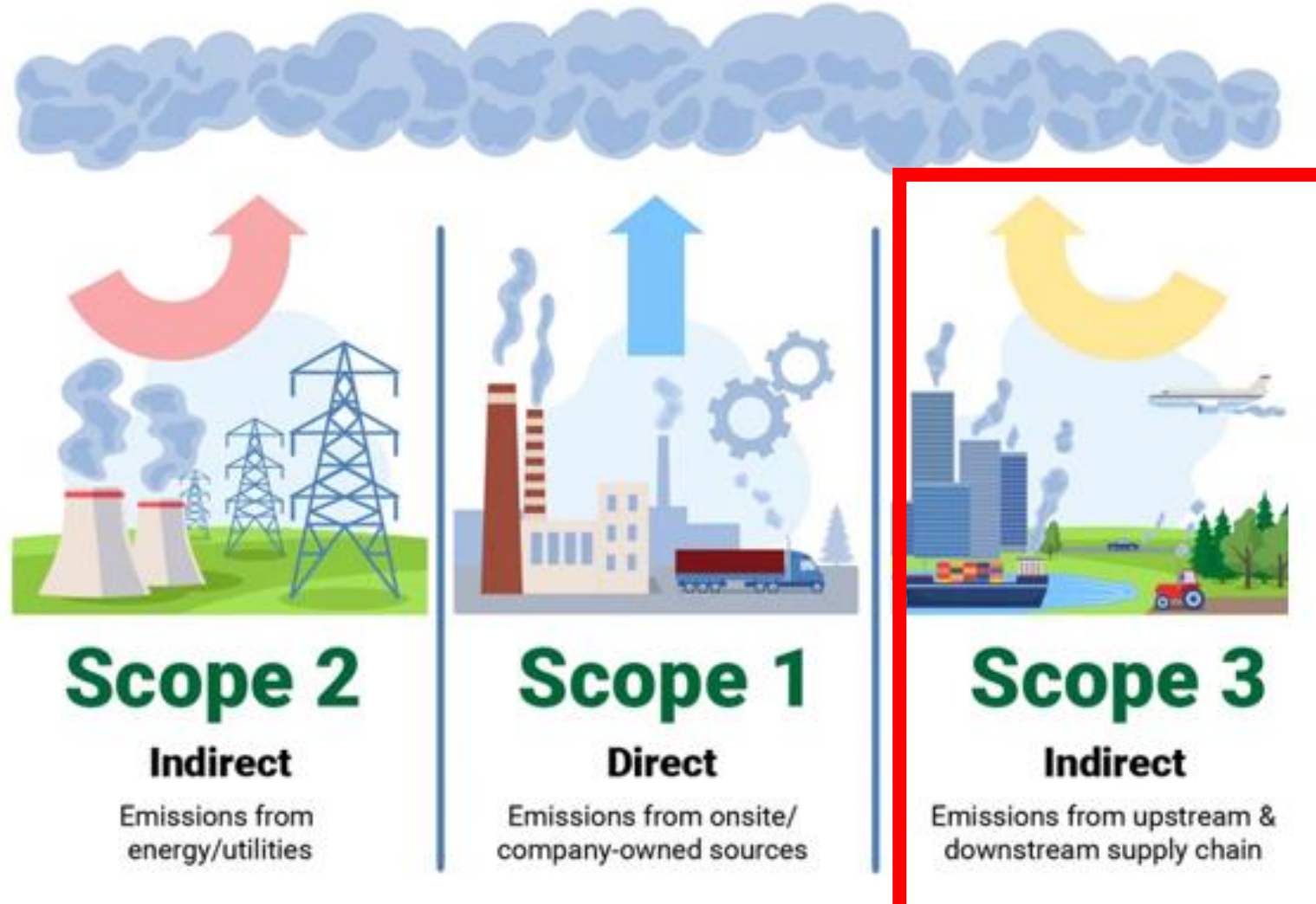
Working with Suppliers to Drive Net Zero

1. Role of the Supply Chain
2. Our Approach
3. Collaboration





The Supply Chain's role in delivering net zero

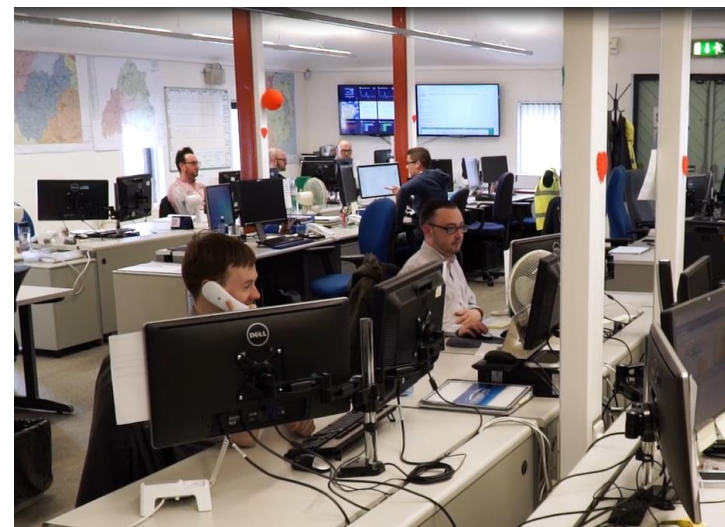


The Supply Chain's role in Delivering Net Zero

NIW annual
spend over
£400m



Our Focus



Our New Approach

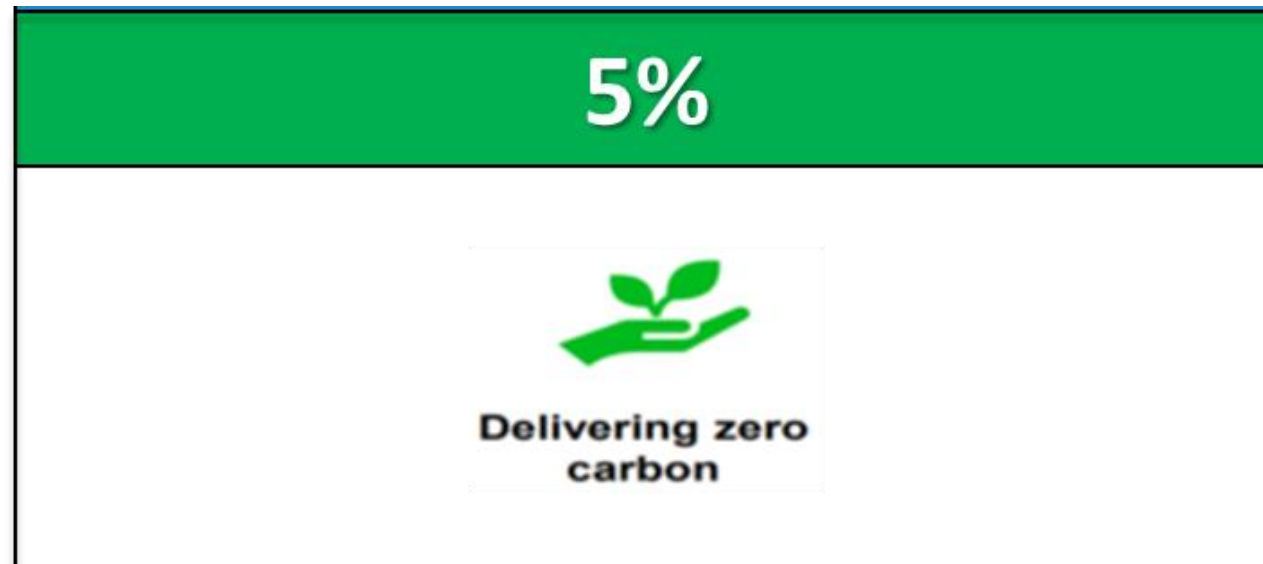
Tenders include questions on:

- Baseline
- Action Plan
- Monitor & Report
- Influence your Supply Chain



Our New Approach

Scoring & Evaluation:





Working with Suppliers

Track Progress

Regular Updates

Assess Performance

Collaboration

Supporting Resources



www.etenders.gov.uk



www.niwater.com/procurement
[Climate Change \(niwater.com\)](http://www.niwater.com/procurement)



Join us on the Journey



Connor Whoriskey

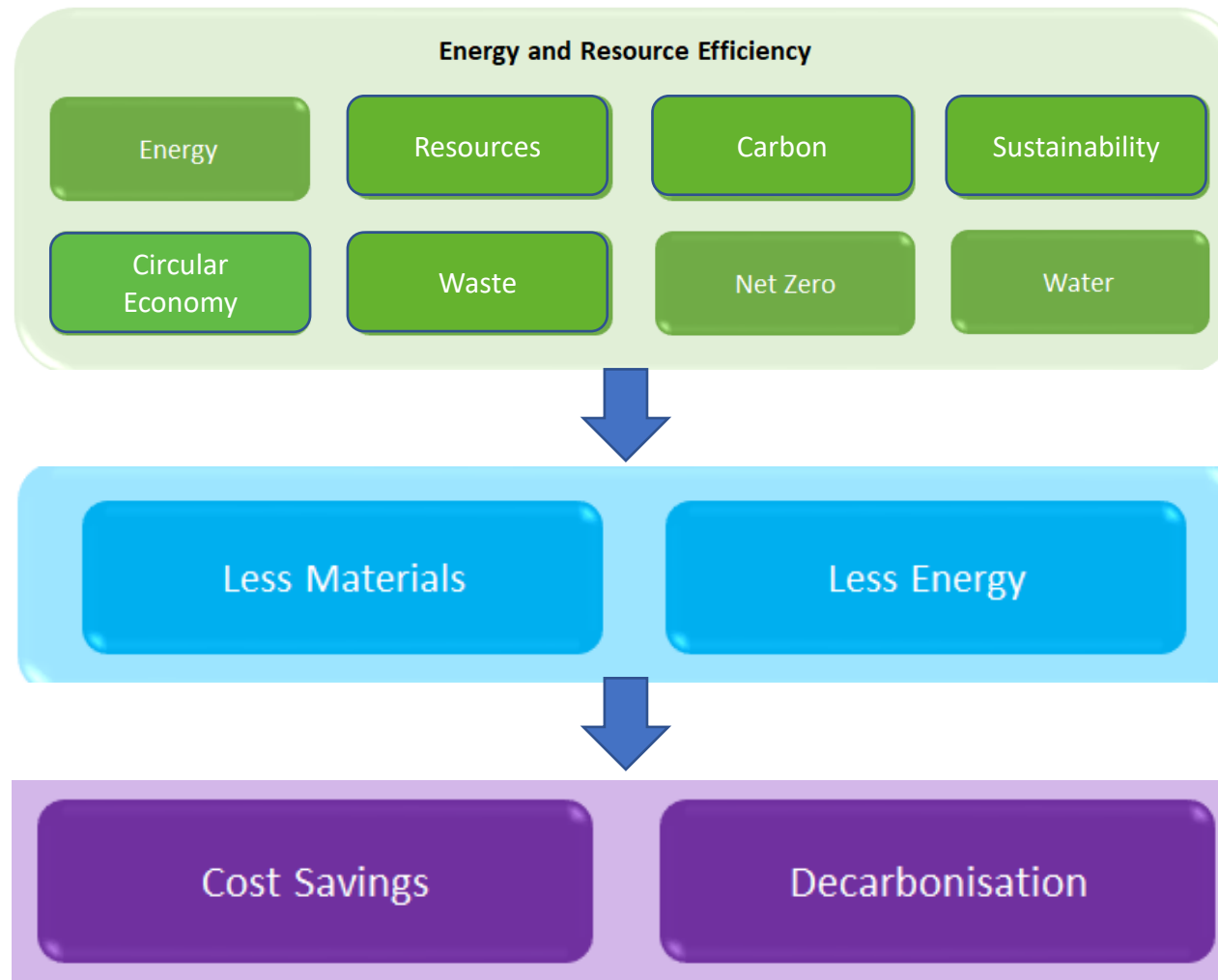
Invest NI Energy & Resource Efficiency
Programme Manager



Energy and Resource Efficiency

- Who we are
- Support available
- Typical projects

What we do



Technical Consultancy

Up to 6 days fully funded consultancy:

- Annual resource & energy spend of **at least £30K**
- Independent consultancy
- Specific recommendations



Sustainability Reports

- Annual resource & energy spend of **at least £30K**
- Holistic assessment
- Environmental impact
- Consultancy support



Resource Matching Service

- Available to all NI businesses
- Turn your redundant materials into a resource for another business
- Benefits



Resource Efficiency Capital Grant

- Investment support for **up to £50K**
- Open to Invest NI clients.
- Rate of support based on company size.
- Competitive call process.



Energy Efficiency Capital Grant

- Available to all businesses in NI subject to qualifying criteria
- Grants of up to £150k
 - Large - maximum of 30%
 - Medium - maximum of 40%
 - Small & Micro - maximum of 50%



Typical projects

- **Energy related** – lighting, heating, compressed air, processes
- **Resource related** - water consumption, water treatment, material use
- **Reporting** – Carbon footprinting, Sustainability reporting

How do businesses benefit

By being more efficient you stand to:

- Save money
- Improve competitiveness
- Build resilience to Energy/cost of doing business crisis
- Improve your corporate image
- Helps with recruitment

Get in touch with the ERE team at Invest NI:

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T: 08001814422

W: <https://www.investni.com/support-for-business/manage-business-energy-and-waste.html>

Panel Discussion Q&A

