

# Nutrient Neutrality

## Nutrient Mitigation Business Proposal





The Challenge



WRc Solution



Service offering



About WRc and our Project Experience



Next steps



## The challenge



- 💧 Nutrient pollution in watercourses has led to the introduction of a nutrient neutrality obligation for local planning authorities (LPAs) and housing developers
- 💧 LPAs need to ensure new housing developments do not increase nutrient pollution in affected watercourses
- 💧 Housing developers must demonstrate that their development is nutrient neutral to obtain planning permission



- Where development is not nutrient neutral, housing developers must purchase nutrient credits or develop mitigation project
- Local councils can develop nutrient mitigation projects and sell credits to developers
- Housing developers can develop onsite and/or offsite mitigation projects to meet nutrient neutrality obligations



**The solution**



## Local Planning Authorities

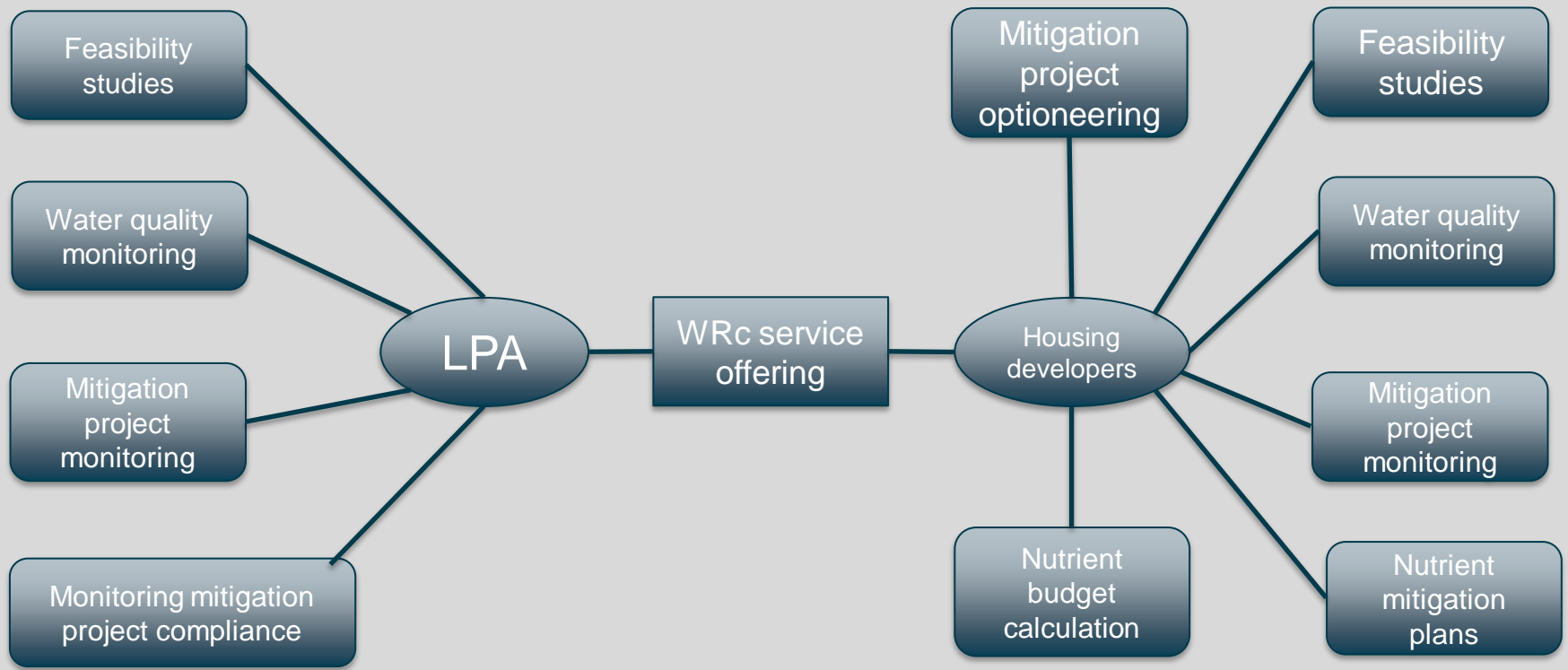
- Feasibility studies for nutrient mitigation projects e.g. constructed wetland
- Monitoring water quality at mitigation projects
- Nutrient mitigation project monitoring
- Monitoring housing developers' nutrient mitigation projects to ensure compliance with planning conditions



## Housing Developers

- Feasibility studies for nutrient mitigation projects e.g. SuDS, constructed wetlands
- Nutrient mitigation project optioneering
- Preparation of Nutrient Mitigation Plans – onsite and offsite
- Calculation of nutrient budgets for new housing development
- Water quality monitoring – monthly/ quarterly
- Nutrient mitigation project monitoring





# About WRc



We are **dedicated staff with a range of skillsets** who care about delivering a **positive legacy in partnership** with our clients.

Our priority is **creating a better tomorrow** through helping to solve problems with technical expertise and innovative solutions.

**creating a better tomorrow**



Our work as **consultants and service providers** supports the achievements of the United Nations Sustainable Development Goals (SDGs).

We are **focused on doing the right thing** – protecting the environment, reducing our carbon footprint and that of our clients, and above all ensuring safe, healthy, populations and habitats.

This is achieved through demonstrating our core values: underpinning our **trusted, innovative solutions** with **technical excellence** and **independence** of thought.



# WRc Knowledge Network



## The way we work...

### Client services

Undertaking work for our customers, ensuring our involvement in key strategic projects which benefit the environment, and assisting customers to fulfil both their own legal obligations and those of their clients.

### Community Engagement

Building relationships with, and providing support to, the local, national and international communities in which we operate.

\* a small selection





## Peatland restoration

- WRc has recently completed a peatland restoration feasibility study for a project in Scotland.



## Sediment management

- WRc has prepared surface water management plans for housing development and undertakes monthly sediment management for new developments in central and west Scotland



## Impact Assessment

- WRc assesses and prepares the hydrology and geology chapter of EIA/ES for windfarm projects in Scotland and Wales, including technical appendices such as watercourse crossing inventory and water features survey.



## Water quality monitoring

- WRc undertakes water quality monitoring for housing developments where water samples are analysed for turbidity, pH, salinity, suspended solids and other specific conductance



## Next steps

At WRc we believe in creating a better tomorrow. We believe that nutrient neutral housing development can be achieved whilst also protecting watercourses and habitats. Let us support you to deliver bespoke nutrient mitigation solutions that benefit all stakeholders and provide biodiversity net gain.

If you would like more information about any of our products or services, or have a question, please do not hesitate to get in touch with **Etisang Abraham** ([etisang.abraham@wrcgroup.com](mailto:etisang.abraham@wrcgroup.com)) and we will get back to you promptly.

# wrc



creating a better tomorrow

Trusted globally to  
deliver innovative  
sustainable  
solutions



Swindon | Stirling | Manchester

**Contact us**  
[solutions@wrcgroup.com](mailto:solutions@wrcgroup.com)

**Visit us**  
[www.wrcgroup.com](http://www.wrcgroup.com)

**Follow us**  
[@WRcGroup](https://twitter.com/WRcGroup)  
[WRc Group](https://www.linkedin.com/company/wrc-group)