

# WUN

womens utilities network

# FOR ALL



[WWW.THEWUN.CO.UK](http://WWW.THEWUN.CO.UK)



WELCOME TO WUN FOR ALL  
We will be starting shortly

<https://thewun.co.uk/>



# Why WUN for ALL?

So that people have a place to drop into, and ..

- Feel connected
- Share & gain knowledge
- Get positive interaction
- Talk about daily challenges
- Have designated Talk Time
- A space for creativity

[WWW.THEWUN.CO.UK](http://WWW.THEWUN.CO.UK)

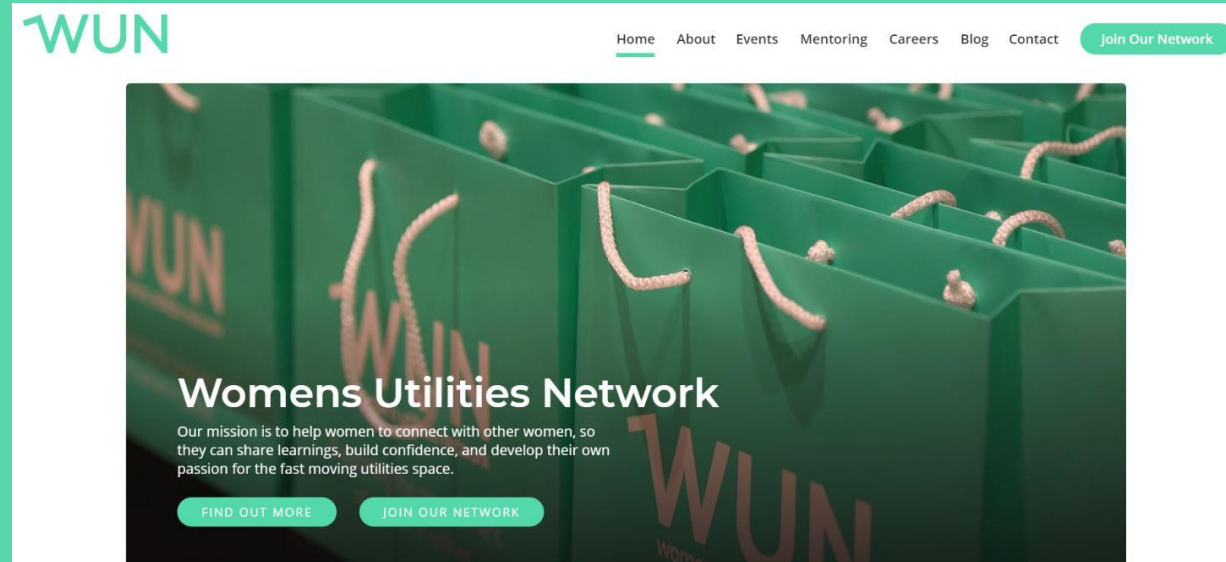
**#WUN**

# Have you looked at the new WUN Website ?

- Easy to use
- New Functionality
- Event booking & catchup
  - Blogs & podcasts
  - WUN Newsletter
- Don't forget to join our network

<https://thewun.co.uk/>

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# There is still time to complete the WUN survey

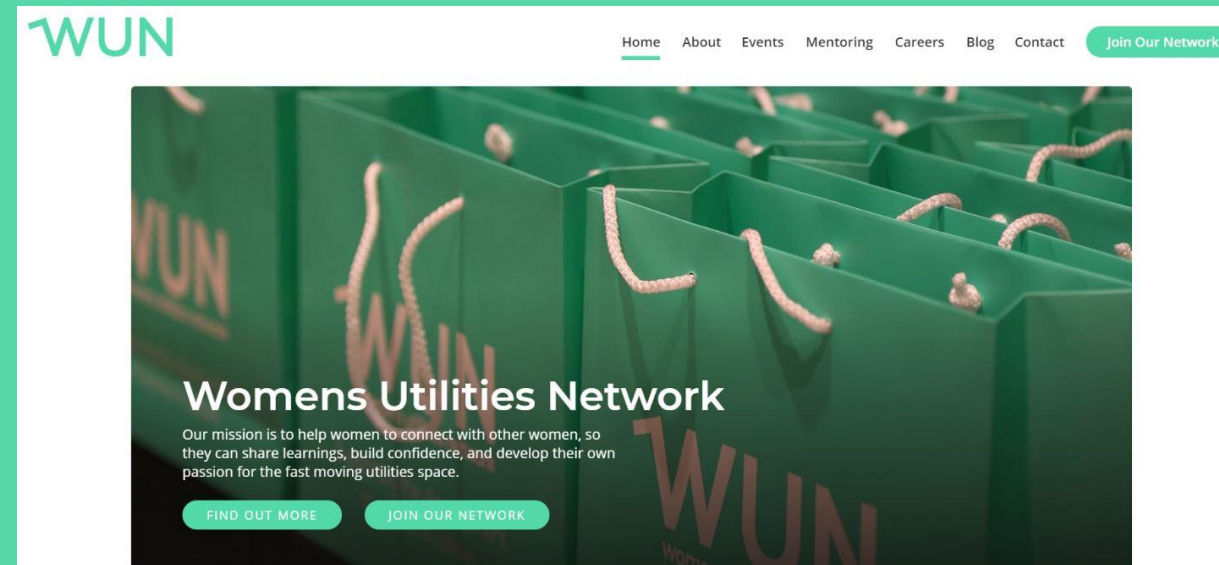
The Women's Utilities Network is here to support and encourage women, to build the right networks and develop skills and confidence for a fulfilling career within the utilities sector.

We're calling out to our wonderful members, to ask for your valuable input to enable us to grow, so that you can continue to get the best from the network.

This short survey takes no more than 2 minutes we promise, and your valued contribution will really help us with delivering future plans.

Share your valuable feedback via LinkedIn or on website

<https://thewun.co.uk/>





# Today's Agenda

- 1.00pm - Welcome – Hayley Monks WUN Founder & MD Think Inspire Create
- 1:04 Speaker –David Riley ,Head of Carbon Neutrality within Anglian Water
- Discussion /Q&A/Breakout
- 1.55pm – Wrap up and close – Hayley Monks

# Today's Speaker –David Riley

## Head of Carbon Neutrality with Anglian Water

David Riley is the Head of Carbon Neutrality within Anglian Water responsible for developing and implementing energy and carbon strategies for one of the largest water companies in the UK and also chair of the Water UK Carbon Working Group and member of the Green Construction Board Infrastructure Working Group.

In 2013 he chaired the steering group that developed the HM Treasury Infrastructure Carbon Review and more recently was part of the steering group that delivered PAS 2080:2016 Carbon Management in Infrastructure.

David is a graduate from the University of Bath with a Master of Science in Integrated Environmental Management. Having worked in both finance and the manufacturing sectors, David joined the water industry in 2000 focussing on both energy and carbon management.



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# Carbon beyond 2021



**David Riley**

Head of Carbon Neutrality

[driley3@anglianwater.co.uk](mailto:driley3@anglianwater.co.uk)

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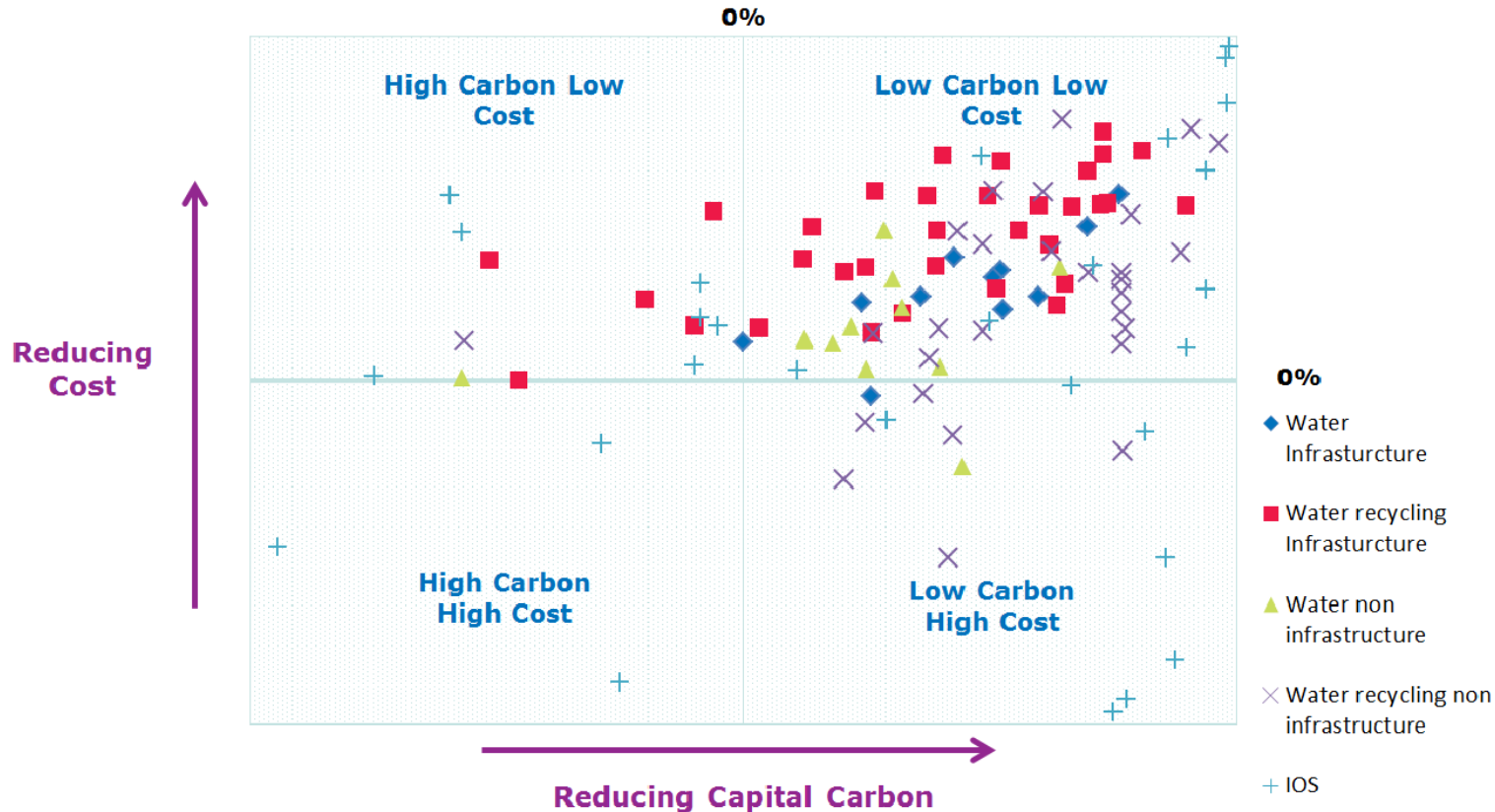
12<sup>th</sup> July 2021





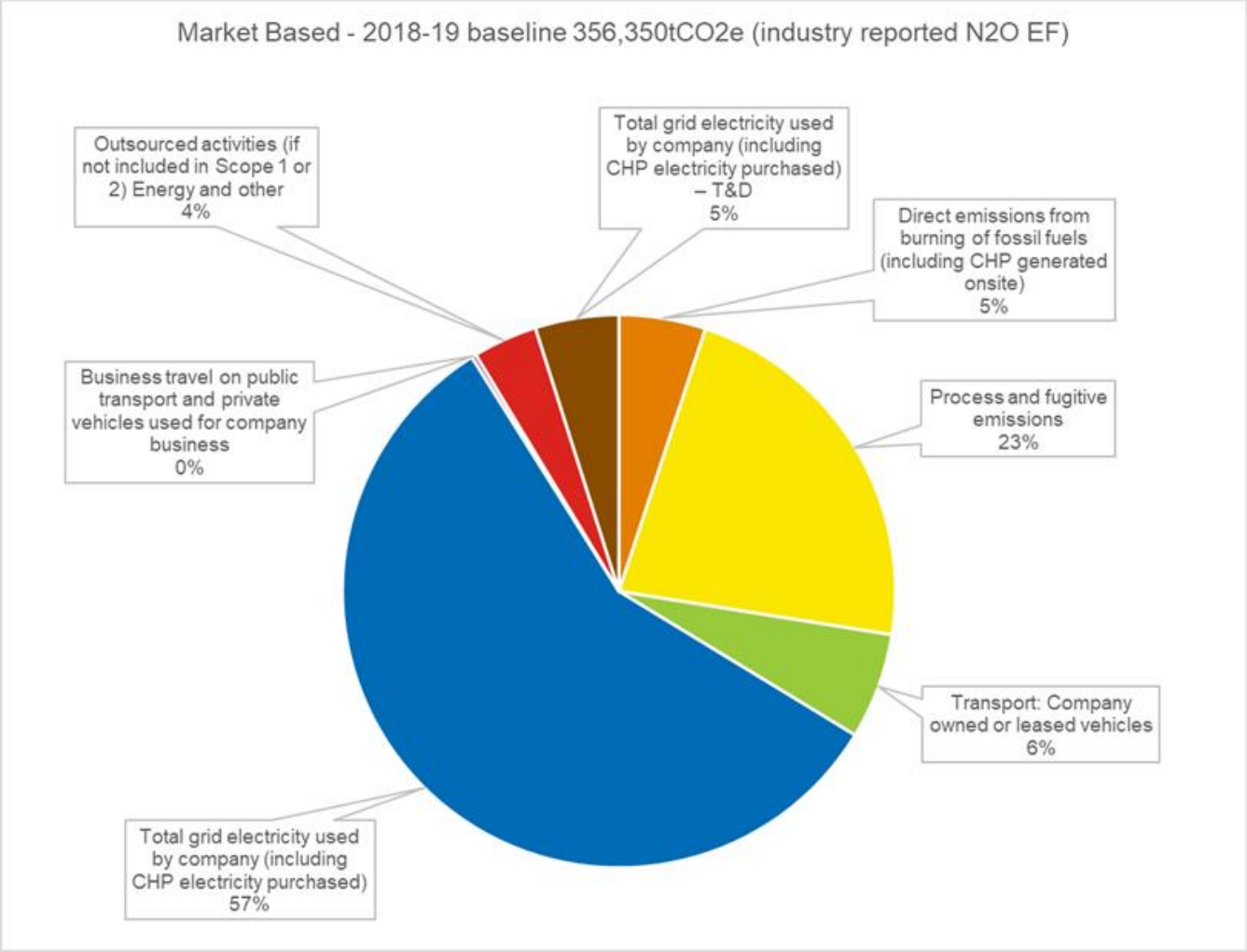
# Increasing value

# Targets 2030



- Net Zero Carbon Emissions
- 70% reduction in capital carbon from a 2010 baseline

# Our Baseline - 2018/19<sup>1</sup>

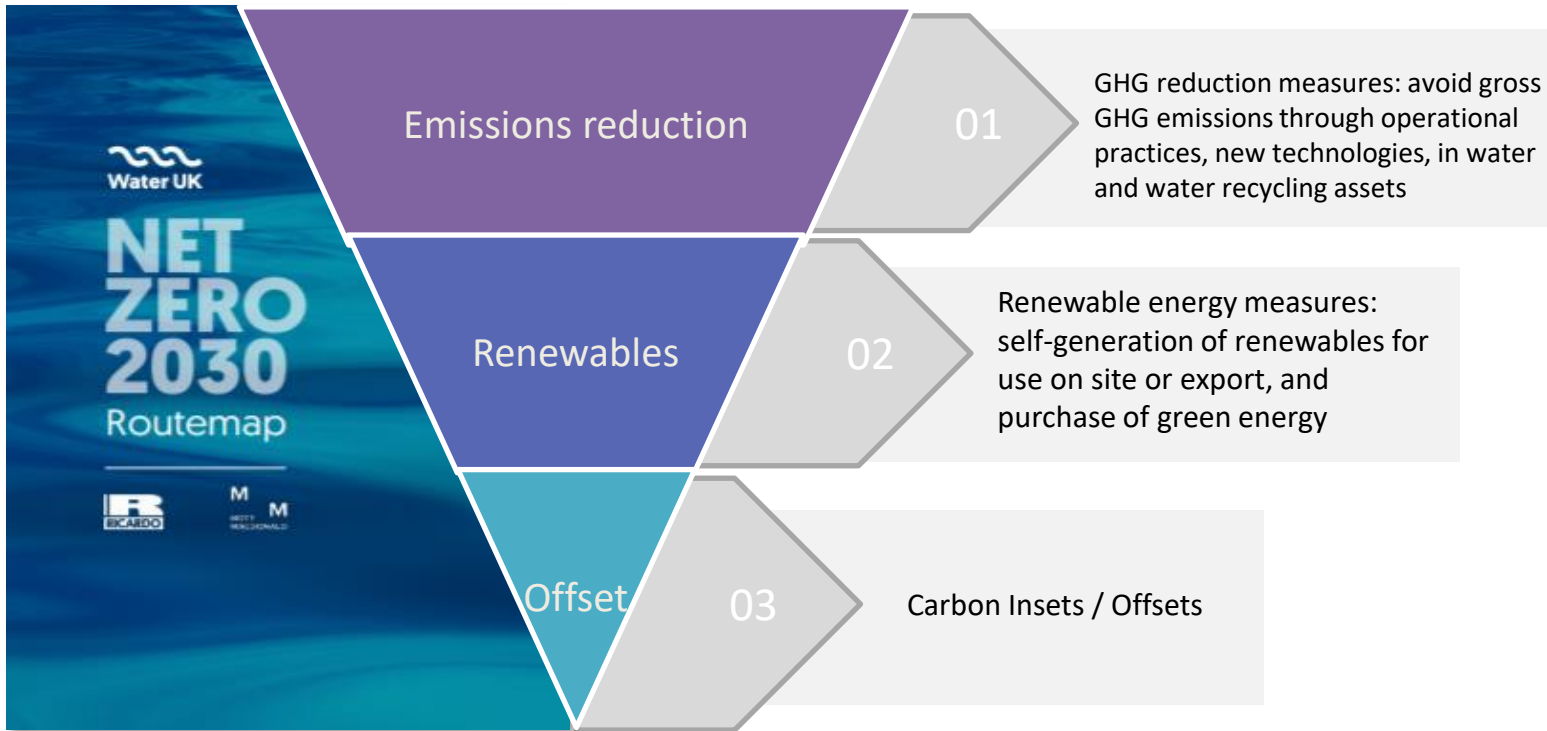


- 62% of emissions associated with purchased electricity
- 23% associated with process and fugitive emissions (N<sub>2</sub>O and Methane)
- 10% Transport (including “outsourced activities” and “Business travel”)
- 5% fuels

<sup>1</sup>Based on AW Carbon Accounting Workbook for 2018-19 (net emissions). Includes update of process emissions calculation (previously an industry-wide mistake in the CAW).



# Net Zero 2030 Routemap



## AnglianWater's Routemap to 2030

Progress towards Net Zero 2030 goals through a focus on:

- Energy
- Biogas
- Process Emissions
- Transport & Travel
- Fuel Oils
- Offsetting/Sequestration



**Net zero by 2030**

Our region is the driest and lowest-lying in the UK, more vulnerable than most to the effects of climate change, giving us hotter, drier summers and warmer, wetter winters, and causing sea level rise. The more the world warms, the worse those effects will be. Which is why we're playing our part in the global effort to limit further climate change: by cutting our carbon emissions to net-zero by 2030.

**Great progress so far**

We've been driving carbon out of our business for well over a decade. By 2020 we'd...

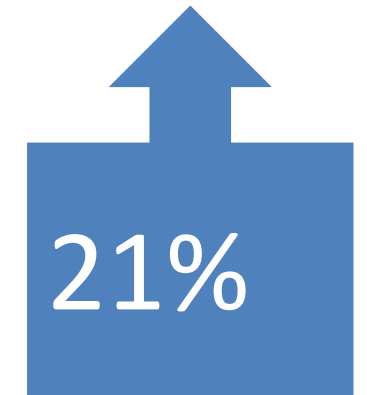
- cut capital carbon 61% against a 2010 baseline
- cut operational carbon 34% against a 2014/15 baseline

Now it's onward and downward. Fast.

**Did you know...**

We were the first water company to set targets for

# Reducing carbon : Renewable Energy

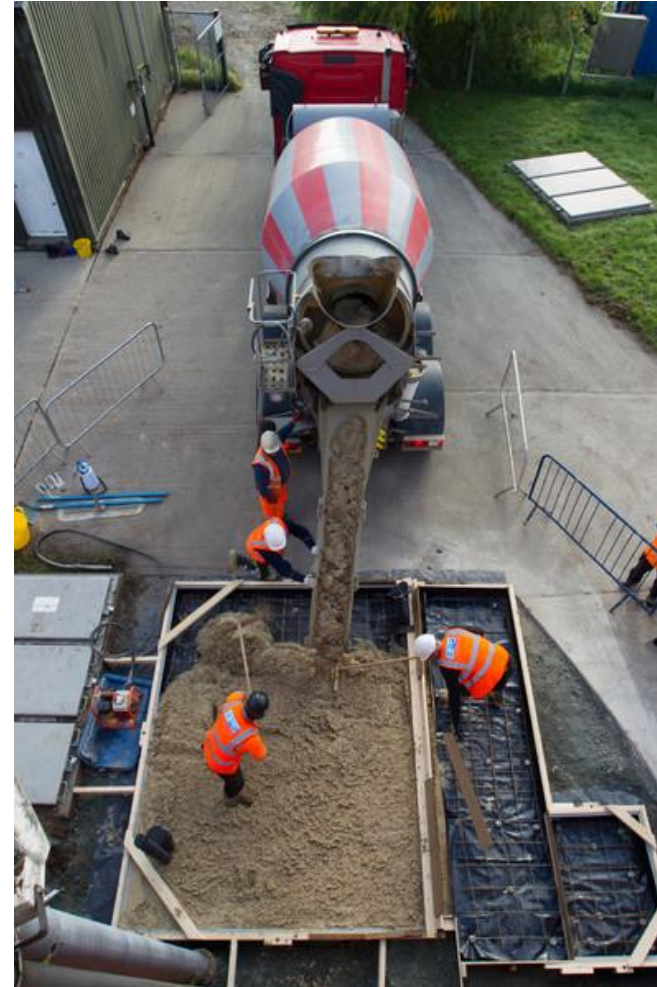


| Renewable Source    | Power   |
|---------------------|---------|
| AD (Sewage & CHP)   | 114 GWh |
| Wind (3 turbines)   | 13 GWh  |
| Solar PV (12 sites) | 15 GWh  |

# Success Stories – Low Carbon Concrete



- According to the independent cement manufacture accounts for **5-7% of global emissions.**
- AWS the first utility to use cemfree – cement free concrete
- **60% capital carbon reduction** in the concrete base.



# Sustainable and Green Financing

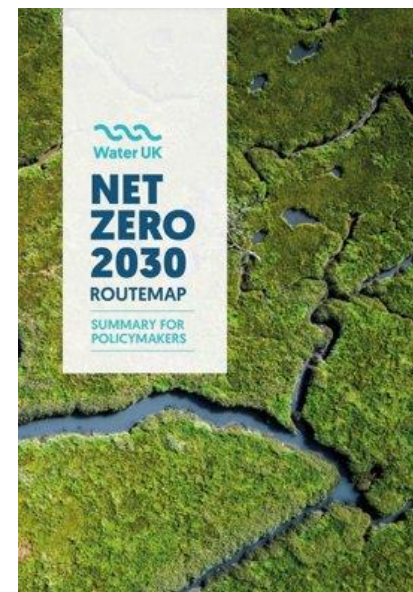


## Delivering sustainable finance for AMP7

### Anglian Water AMP7

£1bn+ green finance raised since 2017

Issued the worlds first sustainable linked bond to operational and capital carbon targets for £300m in July 2021



Anglian Water Services Ltd  
Anglian Water Services Financing Plc

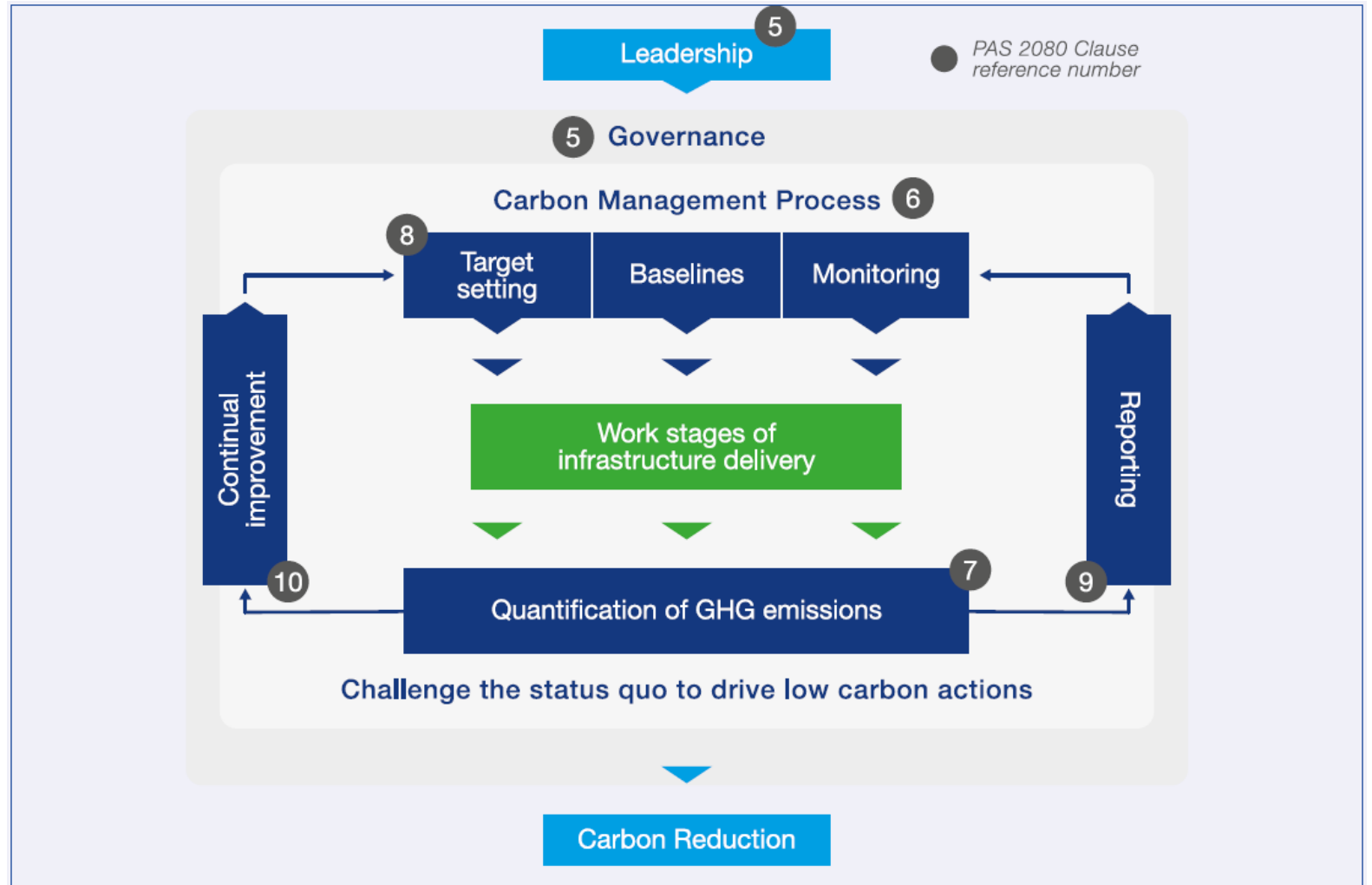
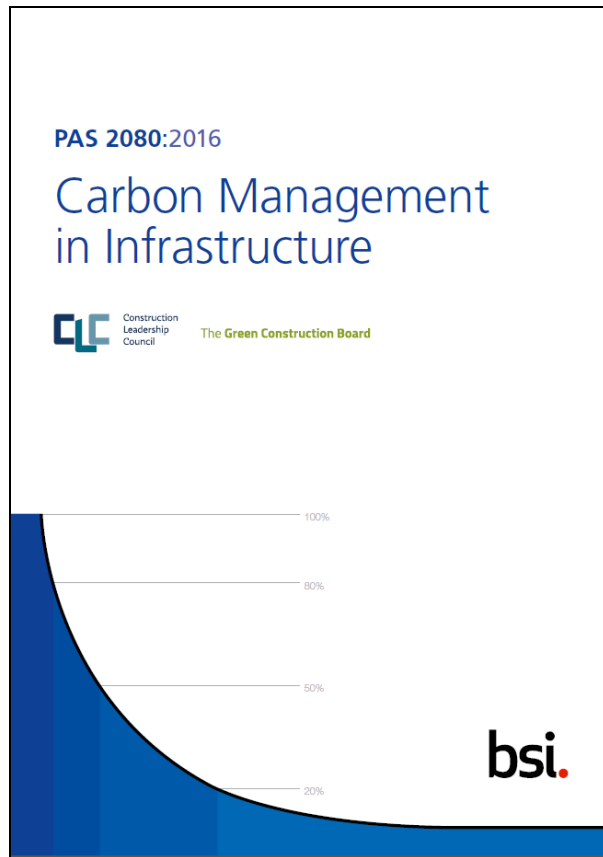
## Sustainability Finance Framework

2020



# Reducing carbon

## PAS 2080





## Q&A/Discussion

<https://thewun.co.uk/>





Break Out

<https://thewun.co.uk/>

# What's coming up....



More WUN events coming in the early Autumn

Look out for further events on social media & WUN Website

<https://thewun.co.uk/>

# WUN Podcast –

You can follow our podcast on Apple Podcasts, Spotify, Amazon Music and wherever else you get your podcasts – just search “WUN4ALL”.

Or just click through for new website

<https://thewun.co.uk/news-blogs/>

Look out for Julys podcast coming soon .....



Thank you to all our Partners for their support



# #WUN Don't forget to follow us for the latest news



## and updates



### Women's Utilities Network

@TheWUN1

WUN helps women connect so we can work together to support one another, share learnings, build confidence and create a better future for women in #utilities!

England [womensutilitiesnetwork.com](http://womensutilitiesnetwork.com) Joined October 2018

77 Following 119 Followers

Not followed by anyone you're following

Tweets

Tweets & replies

Media

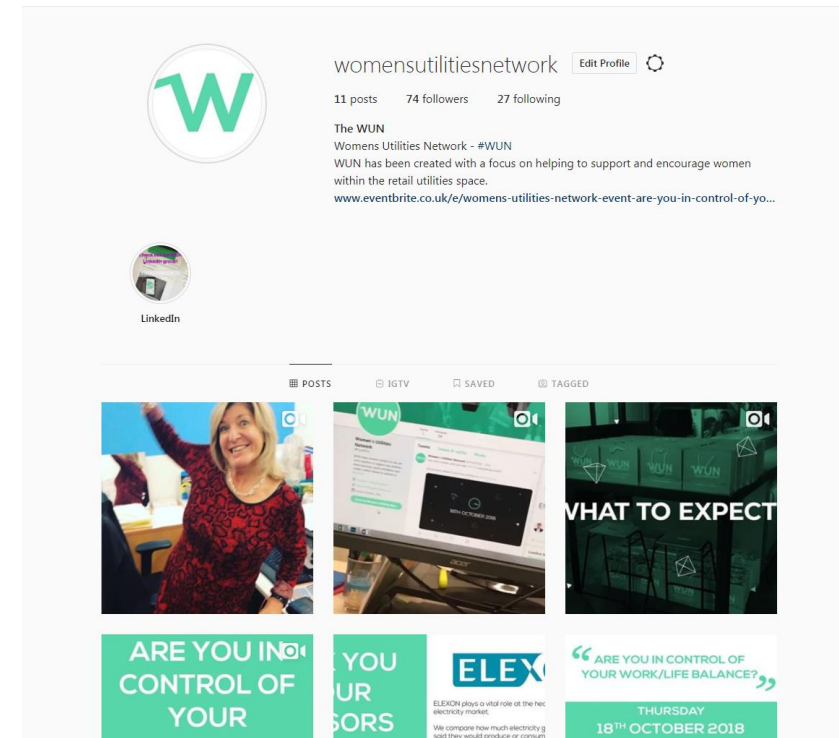
Likes



Women's Utilities Network @TheWUN1 · 22h

Get your tickets to our event quick!

This Thursday is our upcoming WUN event all about Psychometrics...We have



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