



CIBSE ANZ WOMEN IN ENGINEERING

#INWED23



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How did you get your start in Building Services Engineering?

It was actually my degree in photovoltaics and solar energy engineering that really sparked my interest in optimising energy efficiency in building services.

Since graduation I've worked in sustainability roles, but it was clear that building services integration with facades was key to achieving high NABERS and Green Star Ratings. So although my first role in a Building Services team wasn't until a couple of years ago, it feels like I've always been working in the building services side of sustainability.

Tell us a little bit about your job.


My role is office-based, collaborating with my teams in Atelier Ten Australia, UK, and USA. I also spend a lot of time in workshops collaborating with building services engineers, mechanical engineers, façade engineers and architects; making sure that our design advice is driving design development in real-time.

Engineering has also taken me to London: I was able to work in the UK for nearly 6 years, and I still maintain strong ties to my UK network and colleagues.

I'm extremely passionate about learning to talk multiple "languages": so I might be talking to the architect about their vision for the building façade in the morning and to a mechanical engineer about reducing fan pressures in the afternoon.

What do you love about your job?

I originally chose engineering because I suspected I'd always be learning (and I was right!). My day is unpredictable, and I love that! Today, receiving news of the UK Net Zero Carbon targets for buildings consultation that I worked on in its early days shows the impact we can have on changing the direction of our industry.



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What is the biggest impact you hope to have in engineering through your work?

I’m passionate about designing for the Net Zero carbon economy: both designing the buildings that unlock electricity grid decarbonisation, and designing systems that make the most of renewable energy available. I think we’ve done amazing work in answering sustainability challenges up until now, and I’m really driven to make sure we’re answering the sustainability challenges of 10 years’ time (today).

Why do you volunteer on a CIBSE committee?

As we design for Net Zero Carbon increasingly, we need to take a multidisciplinary approach. Being on the committee allows me to build my own network with engineers who have experience in fields outside my own background & experience, and in turn I hope to contribute to organising events and publications which ensure the broader industry is keeping up with the innovations needed to deliver Net Zero Carbo in buildings