



MEET KANE

Principal Hydrologist Arrow Energy

Bachelor of Engineering (Civil)

Tell us about your journey

I started as a civil design engineer working in urban development. Over time, our company picked up mining work, designing dewatering pipelines, and when a secondment opportunity came up to assist with flood recovery after the 2011 Queensland floods, I jumped on it. That led to nine months FIFO as a contractor. When a permanent job opened up, I went for it – and my wife and I moved from the Gold Coast to Moranbah! I then moved to regional NSW and then back to south-east Queensland in various hydrology and engineering roles, before joining Arrow as a Principal Hydrologist where I lead a team of three talented specialists.

What drives you to do this work?

I am proud to be actively contributing to reducing the impact of the resources industry on the environment and communities that we operate in. At the same time, I find it rewarding to work in a dynamic workplace with continuous improvement.

What's a challenge that shaped your journey?

A challenge for me was starting a family remotely while working as a site-based engineer in the Hunter Valley. We were a long way from family support. It was warming to find there were a lot of other parents in the same position and who were happy to reach out and lend a hand. As a result, we made life-long friends who we still keep in contact with.

What's the best thing about your team and workplace?

The people are the best thing about the team I am in! We are a tight team who all get along well. I am in the groundwater team and surrounded by a diverse team of deep technical specialists. Together we help enable production through approvals, compliance, and providing subject matter expertise.

What has this opportunity opened up for you?

A career in the resource industry has given me the opportunity to travel and make life-long friends, all while growing professionally as both a technical specialist and leader.

What excites you about the future?

I am inspired by the energy transition and believe we can work towards a sustainable future where our natural resources are valued and respected. I see Queensland well placed to continue as leaders in sustainable production of metallurgical grade coal and natural gas.

What does 'Shape Our Future' mean to you?

It means joining the industry so you can contribute to (and lead!) improved outcomes by directly advocating for the things you are passionate about.

Your message to future students

I think it's important to understand that metallurgical grade coal and natural gas are two of Queensland's biggest exports. You can't make steel without coal, and you can't cook barbeques without gas. It also helps Queensland pay its bills. We need young people to come and make sure we continue to develop our resources in a sustainable way. Oh, and walking into a big mining pit or underground is unreal. It is lots of fun driving around the pit, playing with giant machinery, or cracking a giant valve on a dam or pipeline!

The problems of the future are going to be difficult to solve, we are going to need a diverse range of people to step up and help solve them, so come and get involved!