

Matt Edwards
Solar and Silicon Officer, Element Zero

Matt Edwards is a technologist with a focus on commercialisation of solar technologies, industrial decarbonisation and green minerals. He has a PhD in Photovoltaics from UNSW, and spent two years in the USA ramping solar production for German company SolarWorld. Moving back to UNSW, he led the Solar Technology Transfer Team commercialising UNSW's solar technologies for a decade in collaboration with major global manufacturers such as Suntech Power, LG and Hyundai while also working as a research scientist and an ARENA Postdoctoral Fellow. He then worked as Head of Solar Manufacturing at Fortescue before moving to India for two years, where he was Head of Solar Technology at Adani Solar. Matt now leads silicon development and solar deployment initiatives at Element Zero, a company dedicated to zero-emissions iron and silicon production. His work centres on the development and commercialisation of green metals processing, and integration of renewable energy into modular, scalable manufacturing systems.