

GREEN HUB

Capability Statement

Informed  Connected  Competitive  Sustainable

Empire Carbon & Energy

Foundation member of
greenXhub

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Mission Statement

Our mission is to provide a market leading carbon emissions service offering practical, competitive and sustainable value-for-money solutions for Australian businesses, Government and citizens.

Empire Carbon and Energy

Empire Carbon and Energy have partnered with reputable and experienced professionals to create an “ecosystem” of deep and diverse, mutually supportive and complimentary knowledge, called greenXhub. greenXhub brings deep experience and a proven industry expertise to enable development and implementation of emission reduction and mitigation strategies, processes, and technologies to help clients create business value and sustainable operations. Working together with our clients and partners, we're helping our clients navigate their unique path to Net Zero Emissions.

Whilst businesses are at varying levels of maturity in addressing their commitment to the Net Zero Emissions target, we work with them to create meaningful strategies and practicable measures to set and meet their commitments. We aim to create value and mitigate liability on the client's journey to Net Zero Emissions. We do that by providing the following:

- ✓ Trading and Risk management services for carbon credit project developers aiming to create value in the emerging carbon offset market. We assist in the accreditation process, administration, and eventual trading of ACCU's and other voluntary carbon credits on behalf of our project development clients.
- ✓ A program to assist SMEs and Corporate clients validate and communicate their Net Zero Emissions commitments in the context of the ESG regime. Empire can provide a measurable and verifiable outcome to ensure the clients stated Net Zero Emissions target are achieved.
- ✓ A portfolio-based risk managed approach to buying or trading in carbon credits (ACCU's/VCS/VER and CER's), electricity offsets or other environmental products (e.g. LGCs).
- ✓ End to end support for your energy and carbon needs – from footprint measurement to financial modelling, economic analysis and ESG reporting, from Scope 1 through to Scope 3, from regulations to compliance reporting, greenXhub has experts available to assist any company with ESG exposure, and for carbon abatement project developers.

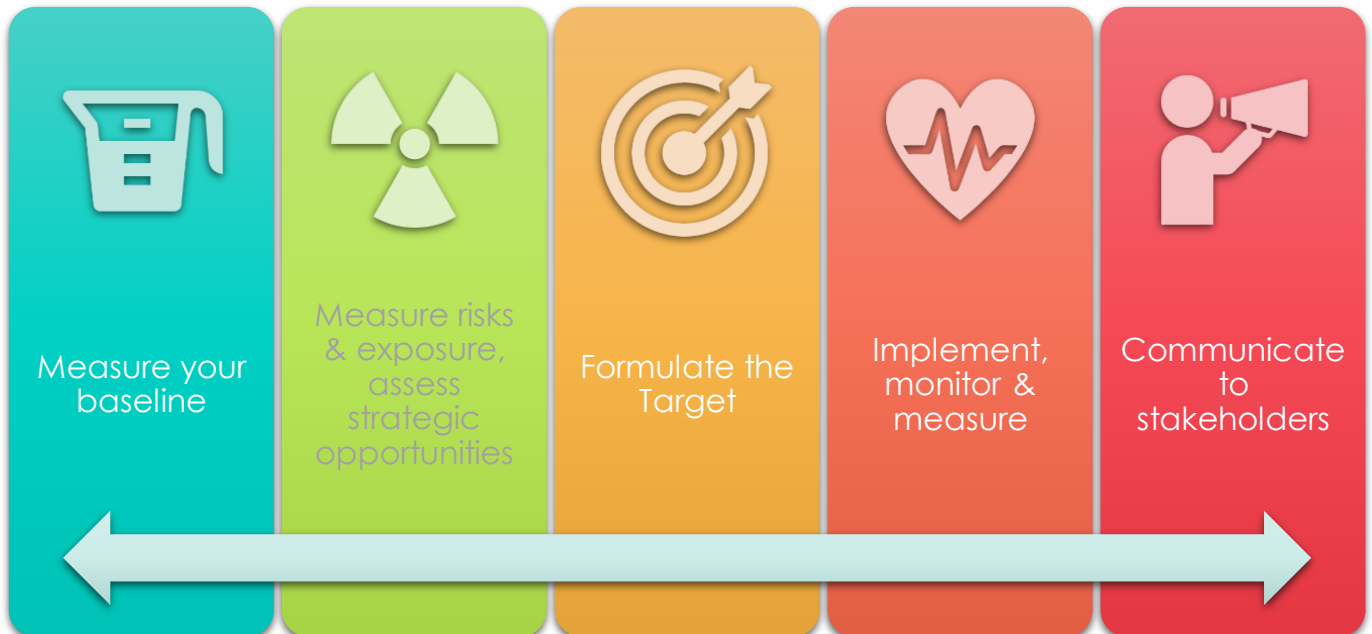
Experts in the Carbon & Renewable Energy Industry

No one person can know everything or be able to provide all the solutions a business requires.

greenXhub is a collaborative hub of professionals that provides a broad a range of expert services to your business. We can work with our greenXhub members in different ways depending on the requirements of your preferred business mode.

Services for your Business

greenXhub can lead and collaborate with your team to develop comprehensive, clear and specific net zero plans to enable your business meet its commitments. Well-formed net zero plans include net-zero planning and execution. Such plans will vary in their specifics, of course, but well-formed ones will feature certain elements:



1. A clear understanding of your baseline is in terms of Scope 1, 2 and 3 emissions.
2. A strategic view and demonstration of understanding of climate risks and opportunities for each part of your business. It's worth considering both environmental exposures like dependency on diesel freight and the future rising cost to offset, as well as competitive dynamics like existing supply chain decarbonisation measures.
3. A clear set of reduction/ mitigation and offset targets for your Scope 1, 2, and 3 emissions. Any targets should consider both near-term goals for 2025 and 2030 as well as long-term. As much as practicable targets should be aligned with science-based mitigation trajectories or sector-specific trajectories provided by credible authorities. Mitigation or offset strategies should be outlined as part of your business's total emissions reduction strategy.
4. A program for implementing your plan for reduction. This involves the tactical measures to achieve the near and long term reduction targets including their prioritisation based on emission reduction effectiveness, ease of implementation, strategic alignment, stakeholder acceptability and other value-based prioritisation and risk acceptance criteria set by your organisation. External risks (e.g. change in legal or business context) and alternative mitigation measures should also be considered.
5. An assessment on the spending of transition capital that will be required to implement the program, especially from existing emissions-intensive assets. This assessment should consider the economic and financial impacts of the spend to establish a clear baseline for the program from which you can appropriately measure, monitor, and communicate.

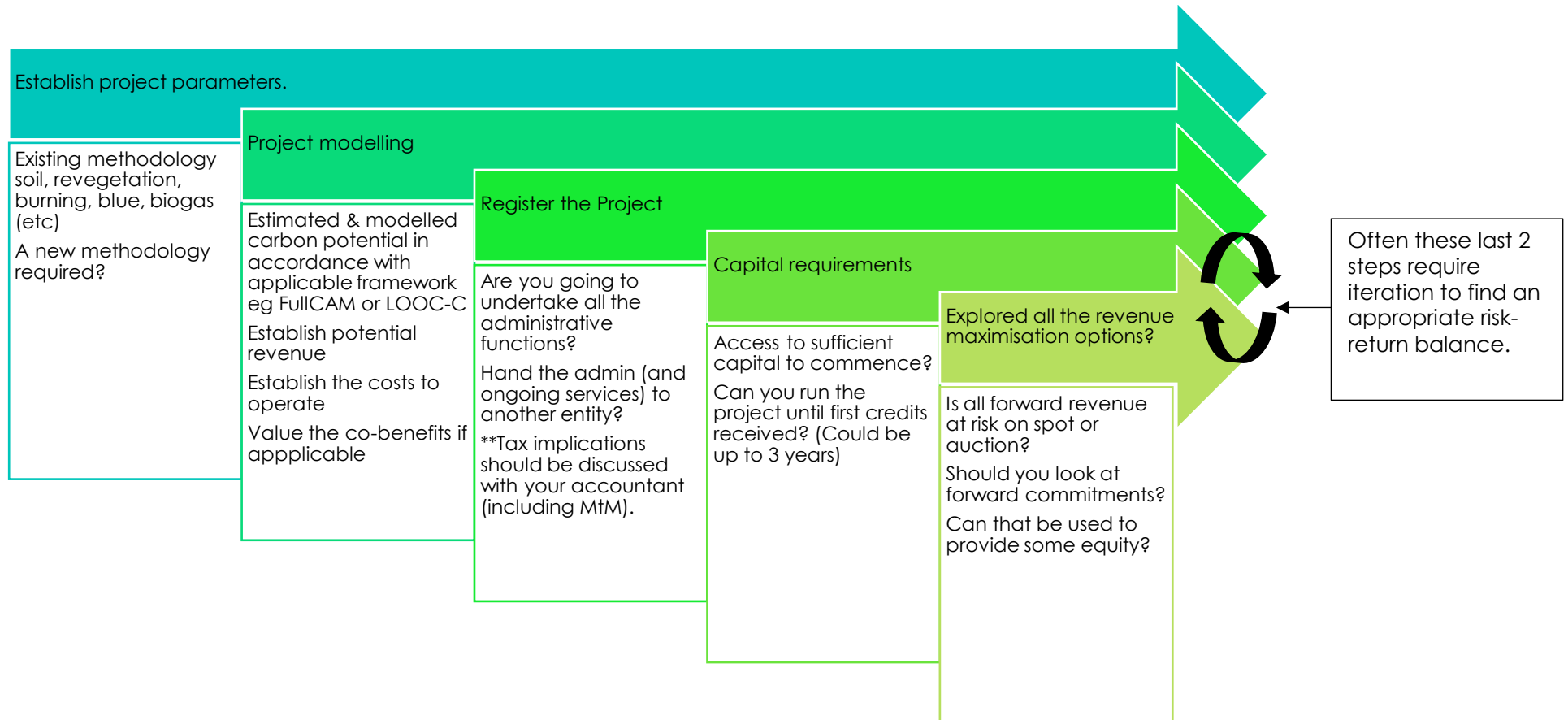
6. A strategy for monitoring and measuring your plan. This needs to include the what: e.g. measured parameters, data collection and validation systems etc; as well as the how: in-house capability & training for, external measuring & frequency. The strategy should have clear requirements on how and when to update the plan, partially or in full.
7. Communicating the company's plan to stakeholders is important. Leaders expect an investor-relations and external-engagement program that puts the company on the front foot by explaining how they see the future, what they are doing now, and what they will do next.

Plans take time to prepare—but business conditions are changing quickly. Businesses should not wait to act. It is possible to make no-regrets moves even while drawing up your long-term agenda, such as:

- ✓ greenXhub members can provide data from national and international sources and indications on forward pricing that enables evidence-based decisions for investment or purchase for short-term offsets whilst integrating that information into your long-term planning.
- ✓ Empire CaE's energy advisory capabilities enable your business to start right away with straightforward steps like energy efficiency measures that are proven to generate value.

Services for your Project

greenXhub members can help to scope, define and develop a roadmap and more tactical documentation for your carbon mitigation project. Regardless of whether the project is Australian or International, we can provide the following services to make your project successful.



GreenXHub Members

We assist businesses to navigate the complexities of transitioning to a low carbon world and provide a practical pathway that creates value whilst mitigating risk. A combined 35yrs experience specializing in the implementing of sustainability and the development of carbon strategies for large multi-national businesses.

Our team has a broad skillset for undertaking any Carbon or Energy related mandate including exposing latent risks. We can do this because of our skills in Business Transformation, Operations, Finance Compliance and Reporting.

Empire CaE

Empire CaE was founded by Mike Austin and Liz Aitken as the only technology agnostic ACCU and VCU trading entity in Western Australia. We advise buyers and sellers of carbon credits on the maximisation of value for their offsets, whether as part of their ESG strategy or as monetisation of credit creating projects and undertake trading activities. (AR: 001294797)

Empire specialises in the provision of both carbon & energy advisory services and our associates are all specialists in their field having been immersed in the Australian carbon and energy sectors for well over two decades. We have experience in development of, and operation in, the entire carbon and energy value chain, having worked in wholesale, network, generation, and retail businesses as well as policy and business development.

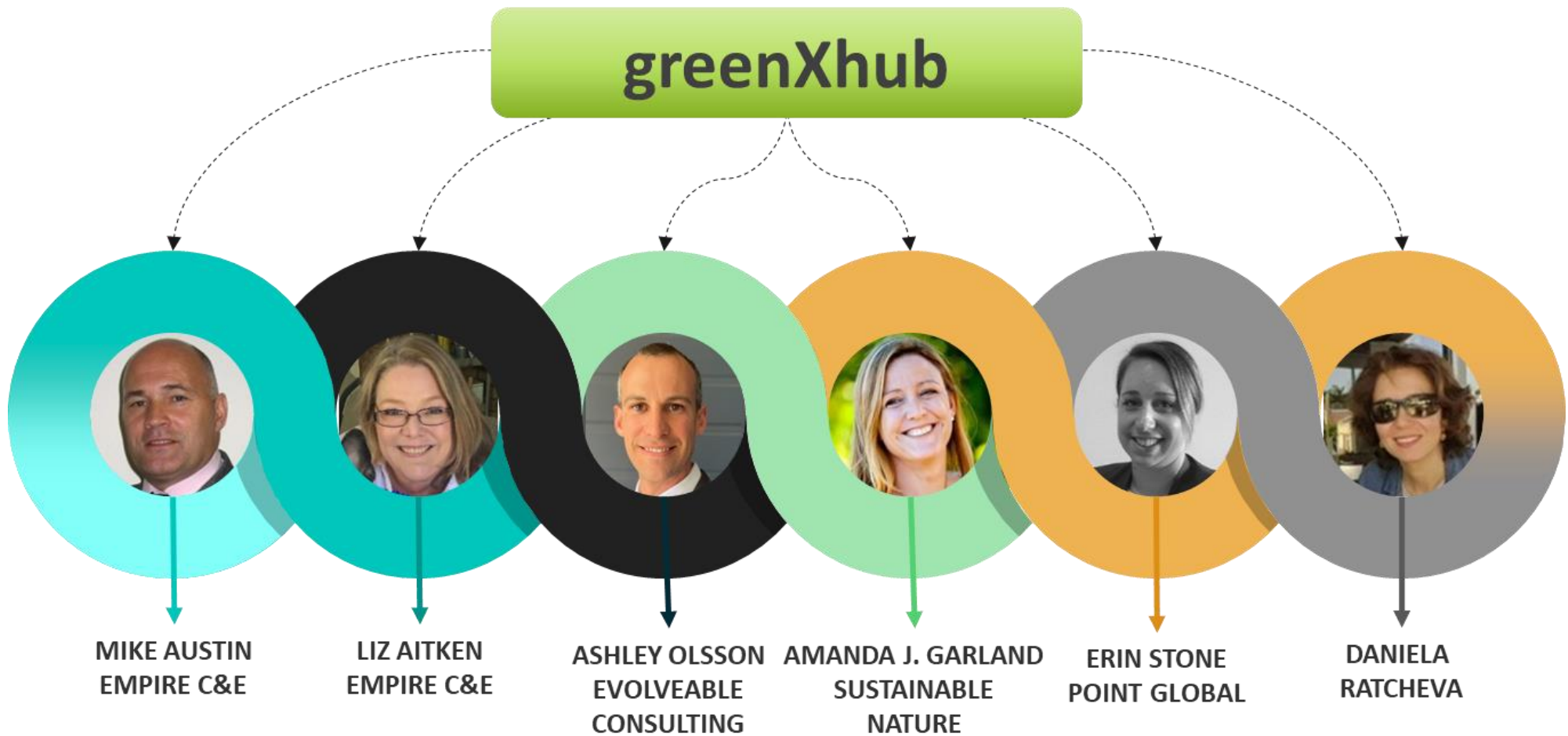
Mike Austin

Mike has a proven executive background in leading businesses through transformation and focused performance across numerous sectors. Mike has held both Executive and Non-Executive Directorships and was an executive member of the infrastructure board in an FTSE 200 listed company, with a portfolio of business that included, manufacturing, foundry, major project delivery (incl Combined Cycle Power Stn), equipment supplies and skilled resources on an international scale.

Liz Aitken

Liz has more than 25 years' experience in energy and energy and carbon trading.

Liz is responsible for the trading of Carbon Certificates, as well as risk management for Carbon Certificate buyers and sellers. With a deep understanding of the impact of operational, strategic policy, risk, along with regulation issues on energy and carbon market participants. The effect of short and long-term market cycles on business opportunities, gained by having held numerous executive positions in the past. Liz also has a special interest in microgrids and their evolution and importance in WA.



Ashley Olsson

Ashley has been providing decarbonisation and sustainability strategies for over 15 years across large corporate companies and mega-projects internationally. With technical environmental engineering expertise combined with regulatory experience, Ashley understands the complexities of decision making when balancing the critical components of ESG with commercial business and policy drivers.

Ashley can provide practical risk-based solutions and embed sustainability frameworks at a corporate, government or project level that creates value for all stakeholders.

Amanda J. Garland

Amanda has over 15 years' experience managing environmental and sustainability programs, specialising in project management, compliance and policy development, waste management and conservation areas across a range of business sectors including industrial, construction, civil and government. She is highly skilled managing Corporate Social Responsibility initiatives and ran small businesses in this area in Australia and Indonesia – she is passionate about environmental improvement, sustainability and improving the wellbeing of communities.

As a sustainability professional Amanda specialises in the Global Reporting Initiative (GRI) Standards and is familiar with several other Australian and International reporting mechanisms/benchmarks. She is an analytical problem solver, presenter and people manager with a strong focus on continuous improvement, service delivery, commitment to customer satisfaction, a safe work culture and establishing strong working relationships. She is deeply committed to helping businesses move into circular economy

Erin Stone

Erin Stone is an experienced leader, manager and trained economist with more than a decade of experience in energy sector policy and regulation. She has worked in a variety of roles in finance, utilities, and system operations, and has substantial experience in network regulation. This provides Erin with the ability to consider matters of strategic and operational importance from several perspectives and thereby effectively drive change.

Erin's combination of regulatory expertise, commercial acumen and change management skills enable her to synthesise information from diverse backgrounds and deliver high-quality projects underpinned by compelling written and verbal advice.

Daniela Ratcheva

Daniela has a strong background in risk management, developing GHG abatement and air quality management plans and procedures, development of environmental reporting systems and environmental reporting.

She has worked for most of her 30-year professional career for oil and gas operators and engineering design companies. She applies a systemic approach to problems, aligned to the principles of risk management and environmental management systems, enjoys collaborating with others and prides on attention to detail as well as presenting the results of her work in comprehensive and clear ways.

Environment, Social, Governance Practices

The team at greenXhub through their combined experience touch the major factors in the provision of guidance and education in the field of ESG. This is an emerging force in Australia that is being coupled with the Net Zero Emission pledge and is becoming a major ingredient in the sustainability reporting cycle. This is another tool for boards to monitor and communicate the strategy for the decarbonisation journey and transition to the Green Economy on a local and global level.