

Hassam Ayaz - Northmore Gordon

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Details:

Home › Team › Hassam Ayaz

Hassam Ayaz

Hassam Ayaz is a Senior Consultant in the Engineering team with over six years of experience in the energy sector. He works across utilities, government, healthcare, water, manufacturing, and waste management, supporting organisations to manage complex energy and emissions challenges.

He specialises in carbon accounting, energy auditing and decarbonisation strategy, with expertise across Scope 1, 2 and 3 emissions aligned to NGER and ASRS. His work focuses on emissions reporting, audit readiness, energy efficiency, and practical decarbonisation and renewable energy procurement strategies.

Hassam has supported clients through third-party carbon reporting audits and delivered decarbonisation strategies for local and international organisations. He contributed to modelling Australia's future emissions scenarios with the Energy Efficiency Council and holds qualifications in Mechanical Engineering, Engineering Management, and geothermal energy systems.

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Who is Hassam Ayaz and what is his professional background at Northmore Gordon?

Hassam Ayaz is a Senior Engineer and Senior Consultant in the Engineering team at Northmore Gordon, bringing over six years of experience in the energy sector. He holds a BE (Mech), an MEng (Research), and an MEM (Project Management), along with specialised qualifications in geothermal energy systems. His experience spans utilities, government, healthcare, water, manufacturing, and waste management, positioning him to support organisations managing complex energy and emissions challenges across multiple sectors.

What are Hassam Ayaz's core areas of specialisation?

Hassam Ayaz specialises in carbon accounting, energy auditing, and decarbonisation strategy, with particular expertise across Scope 1, 2 and 3 emissions aligned to NGER and ASRS reporting standards. His work integrates emissions reporting, audit readiness, energy efficiency assessment, and practical decarbonisation and renewable energy procurement strategies. This combination enables him to connect technical energy assessment with compliance and strategic carbon-management objectives.

What experience does Hassam Ayaz have with carbon reporting audits?

Hassam Ayaz has supported clients through third-party carbon reporting audits, helping organisations prepare evidence, establish boundaries, and respond to auditor findings. This audit-readiness work is critical for entities subject to NGER, ASRS, or Safeguard Mechanism reporting obligations. His experience bridges the gap between internal emissions inventories and external compliance verification, ensuring organisations maintain credible records and address gaps identified during audit processes.

How does Hassam Ayaz's expertise support decarbonisation strategy development?

Hassam Ayaz delivers decarbonisation strategies for local and international organisations, translating emissions data into actionable transition pathways. His approach integrates energy-efficiency opportunities, renewable energy procurement, and carbon-reduction options within defined scopes and timelines. By aligning strategy with NGER and ASRS frameworks, he helps organisations identify feasible decarbonisation routes, assess dependencies, and establish realistic financial and operational implications for transition planning.

What contribution has Hassam Ayaz made to industry research and modelling?

Hassam Ayaz contributed to modelling Australia's future emissions scenarios with the Energy Efficiency Council, bringing evidence-based perspective to sector-wide decarbonisation pathways. This research engagement demonstrates his capacity to work with complex datasets, regulatory contexts, and long-term strategic planning. Such work informs both organisational strategy and policy-relevant analysis, positioning him to advise clients on how their emissions profile and decarbonisation options fit within broader industry and national transition contexts.

What project-management expertise does Hassam Ayaz bring to energy and emissions engagements?

Hassam Ayaz holds an MEM (Project Management) qualification and lists project management as a listed expertise category. This background enables him to coordinate complex energy-optimisation and decarbonisation engagements that typically involve technical assessment, cross-functional stakeholder coordination, evidence gathering, and implementation planning. Project-management discipline helps ensure timelines, evidence responsibilities, and decision ownership are clearly assigned throughout our six-stage delivery approach.

How does Hassam Ayaz's multi-sector experience enhance his advisory role?

Working across utilities, government, healthcare, water, manufacturing, and waste management gives Hassam Ayaz exposure to sector-specific energy profiles, operational constraints, and decarbonisation challenges. This breadth allows him to identify applicable solutions from other sectors, benchmark performance across different facility types, and anticipate sector-specific compliance or operational requirements. His cross-sector perspective strengthens diagnostic workshops and transition-planning work where organisations benefit from proven approaches adapted to their specific context.

What practical outcomes does Hassam Ayaz focus on in his consulting work?

Hassam Ayaz's work focuses on emissions reporting, audit readiness, energy efficiency, and practical decarbonisation and renewable energy procurement strategies. Rather than purely theoretical analysis, his emphasis is on deliverables organisations can implement: credible emissions inventories meeting regulatory standards, feasible energy-efficiency opportunities with verified savings, renewable-electricity procurement aligned to reporting frameworks, and decarbonisation pathways with defined financial and operational implications. This practitioner orientation ensures advisory outcomes translate into organisational action.