

KEY CAPABILITY STATEMENT



CARBON AND ENVIRONMENTAL SERVICES



ESG360 SOLUTIONS FOR YOUR BUSINESS. THE PLANET. OUR COMMUNITIES.

About ESG360



Mission

"To be a global leader in sustainability, social impact and ethical governance, and to lead by example in fostering a resilient and equitable future for all."



Vision

"Empowering stakeholders, communities and ecosystems with innovative ESG solutions."



Values

"Responsibility: Our actions are guided by the pursuit of a resilient and equitable future, ensuring positive impacts for all stakeholders and the planet."

Sustainability: We are committed to delivering 360-degree project lifecycles with a focus on innovative design, responsible implementation and enduring value.

Collaboration: We foster respectful, productive and mutually rewarding relationships with stakeholders at each point in the project value chain.

Integrity: Our actions, words and conduct will be consistent with our values, and our decisions will reflect a commitment to honesty and transparency in all aspects of our business."

From catchment scale to paddock scale, our comprehensive natural and biophysical resource assessments are designed to determine optimal land use strategies. We integrate agricultural, silvicultural, and environmental opportunities, aligning them with conservation efforts, agricultural productivity, and renewable energy operations. Our approach focuses on identifying and developing commercial opportunities that provide tangible, nature-based solutions to meet both for-profit and purpose-driven business objectives. We also conduct thorough analyses of commercial environmental infrastructure opportunities and offer expertise in the evaluation, delivery, and management of carbon projects.

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Corporate Leadership



Strategic Advisory

Provide expert guidance on natural resource management and environmental commerce opportunities across Australia.



Executive Leadership & Governance

Lead corporate governance, organisational strategy, and executive decision-making.



Contractual & Legal Expertise

Negotiate contracts and review legal instruments to support business and regulatory compliance.



Carbon Market Compliance & Financial Analysis

Ensure compliance with the Carbon Credits (Carbon Farming Initiative) Act 2011 (Cth) and conduct financial assessments.



Driven by Science, Defined by Results



Essential planning

Scientific Analysis and Financial Modelling



Project Delivery

Plan the works, work the plans



Exceptional Outcomes

Under promise, over deliver

Experience in Delivering Innovative Solutions

ESG Team members have designed and delivered the largest carbon offset plantation ever established in Australia.



Latest Carbon Science Insights



The ESG360 Difference



Constant Optimisation

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Operational Delivery



→ Registered Professional Forester

Provide expertise in forestry management, land rehabilitation, and carbon sequestration initiatives.

→ Land Acquisition & Due Diligence

- Identify suitable land for forestry and environmental projects.
- Conduct soil and regolith evaluations.
- Lead landholder negotiations.
- Perform planning and paralegal due diligence analysis.

→ Plantation Forest Management & Operations

- Utilise Geographical Positioning Systems (GPS) for in-field mapping.
- Produce Geographical Information System (GIS) maps for planning and reporting.
- Oversee carbon sequestration revegetation initiatives.
- Deliver establishment services, including site preparation and planting.
- Develop and implement management plans.
- Negotiate contracts and execute agreements.
- Select species and manage seedling supply and delivery.
- Implement Thailand site preparation, weed/pest control, and tree planting operations.
- Enforce quality assurance processes for seedling production, weed control, site preparation, and planting.



Operational Delivery^{cont.}



→ Forestry Maintenance & Compliance

- Conduct survival counts, replant analysis, and replanting operations.
- Monitor and manage weed and pest control measures.
- Develop fire suppression plans, maintenance recommendations, and liaise with local rural fire brigades.
- Provide logistical support for fire management initiatives.
- Deliver Australian Carbon Credit Unit (ACCU) production services.
- Maintain detailed operational records for compliance and auditing.
- Identify and engage auditors for verification.
- Plan and manage third-party audits.
- Oversee permanent plant production and annual reporting.
- Liaise with the Clean Energy Regulator on compliance and reporting obligations.
- Deliver agent services for carbon project stakeholders.

→ Carbon Project Registration & Compliance

- Establish and manage an Australian National Registry of Emission Units (ANREU) account.
- Select and implement methodologies under the Carbon Credits (Carbon Farming Initiative) Act 2011 (Cth) for land-based revegetation and forest regeneration projects.
- Register carbon projects with the Clean Energy Regulator.
- Model land-based methodologies using FullCAM for ACCU projections and reporting.



Redefined ACCU Growth



ESG360 Technologies: Maximising Australian Carbon Credit Unit (ACCU) Growth

ESG360 GIS spatial analysis and soil testing enable precise identification of high carbon sequestration areas, optimising land use and management practices to maximize ACCU growth and enhance climate change mitigation efforts.

Scientific Landscape Interpretation

Utilise the ESG360 scientific process to conduct detailed landscape analysis, assessing soil types, composition, and carbon sequestration potential to optimise ACCU generation.

Advanced Soil Testing & Optimisation

Apply precision soil testing methods to identify high-carbon storage areas, enabling tailored land use strategies that enhance organic matter retention and maximise carbon credit potential.

Precision Agriculture & Scientific Monitoring

Integrate data-driven approaches to improve soil health, increase carbon uptake, and enhance ACCU production while promoting sustainable land management and climate change mitigation.

GIS Technology for Carbon Optimisation

Deploy ESG360 GIS technology for accurate mapping and analysis of land characteristics, including soil composition, vegetation cover, and topography, to pinpoint high carbon sequestration zones.

Data-Driven Land Use Planning

Leverage ESG360 GIS insights to optimise land use change practices, supporting carbon storage initiatives such as reforestation, afforestation, and soil management for enhanced sequestration outcomes.

Continuous Monitoring & Compliance

Use ESG360 GIS for ongoing monitoring and assessment of carbon projects, ensuring regulatory compliance, precision in carbon accounting, and maximisation of ACCU generation.

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Case Studies



Key People



Our ESG360 team members have diverse networks and expertise, including in conservation and land management, carbon and natural capital, business, communications, environmental markets, public administration, housing, social services, reconciliation and employment.

To complement our ESG360 team, we have a panel of experienced industry specialists that we engage regularly across a broad spectrum of project work.



Aaron Soanes - Executive Director

Aaron Soanes is a distinguished forester and board director, known for his significant contributions to the forestry and environmental sectors in Australia. As the CEO of a prominent Australian public company, Aaron has demonstrated exceptional leadership and strategic vision, spearheading initiatives that have had a profound impact on sustainable forestry practices. One of Aaron's most notable achievements is the establishment of Australia's largest carbon sequestration plantation, a pioneering effort that underscores his commitment to combating climate change and promoting environmental sustainability. His expertise and innovative approach have not only advanced the field of forestry but have also set new benchmarks for carbon sequestration efforts worldwide.



Mark Denning - Executive Director

As General Manager of a major Commonwealth agency, Mark played a pivotal role in acquiring land for First Nations organisations and making strategic investments to scale Indigenous enterprises sustainably. His expertise in brokering solutions and building partnerships is highly respected, and he is known for his ability to foster collaboration across communities, government, and the private sector. Mark's influence extends beyond his professional roles; he is a Graduate of the Australian Institute of Company Directors and sits on various business, environmental, and heritage advisory panels and serves as a Director on the Board of Reconciliation Queensland, further demonstrating his commitment to advancing reconciliation and social equity.



Dave Lyons - Executive Director

Following his undergraduate studies, Dave launched a successful career as a pharmacy owner in regional Queensland, where he was instrumental in creating frameworks to enhance collaboration in primary healthcare and spearheaded the implementation of harm minimization services. Driven by a commitment to improving community health outcomes, he later pursued an MBA, which paved the way for leadership roles in the healthcare and retail industries. Dave is a dedicated problem solver with a strong passion for advancing primary healthcare, advocating for social housing, and addressing the homelessness crisis.

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