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SUSTAINABILITY FROM A NEW VANTAGE POINT

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CONNECTED CONSULTING

THE NEED

The Manufacturing Industry is Experiencing a Surge in Sustainability and ESG Projects.

The manufacturing sector in Queensland faces a pressing need for comprehensive sustainability services.

This arises from a complex interplay of new environmental laws, such as carbon reporting requirements and biodiversity conservation mandates, alongside societal pressures for greener solutions.

Economic challenges, including inflation and the need for cost-efficiency, localisation, drive manufacturers to seek smart, sustainable practices.

Technological advancements open up new opportunities for waste reduction, energy efficiency and circular manufacturing.

As a result, manufacturers are looking for expert guidance to navigate this landscape, ensuring compliance, enhancing competitiveness, and capitalizing on grants designed to foster sustainability.

Profiting from complexity in consulting which doesn't lead to rapid regenerative outcomes is no longer acceptable for a better humanity.



Introducing Our Organization

Overview

Innovator in Sustainability Solutions providing high value, regenerative solutions, focused on manufacturing for a Better Humanity.

Born in 2015, we have delivered 100's of projects across QLD using local and international talent.

Vision and Mission

Imagine a world where sustainability solutions are uncomplicated, reliable, readily available to everyone, and prioritize efficiency and tangible outcomes. In this world, access to information, data, and procurement choices is effortless for small and medium-sized enterprises (SMEs).

Our mission is to provide a leading integrated Beyond Carbon product that allows all SME;s investment to go direct to impact , not consultancy fee's.

Core Values

- Customer intimacy
- Integrity
- Clarity
- Focus
- Ease
- Grace
- Results
- Product leadership

Our pledge to Sustainability:

At You3 our commitment to sustainability is at the core of everything we do. We understand that sustainable practices are not just a corporate responsibility but a collective necessity for the well-being of our planet and future generations.

Our Sustainability Pledge:

Integrity in Leadership: We lead by example, integrating sustainable practices into our own operations before advocating them to others.

Client Empowerment: We empower our clients with the knowledge, strategies, and tools to make sustainable decisions that align with their corporate values and societal expectations.

Innovation: We are committed to continuous innovation, leveraging the latest in digital technology to provide solutions that are not only efficient but also environmentally sound.

Collaboration: We believe in the power of collaboration, working alongside industry experts, community leaders, and policymakers to drive systemic change.

Education: We invest in education and training for our team to stay abreast of the latest sustainability trends, regulations, and best practices.

Transparency: We operate with transparency, regularly reviewing and reporting on our sustainability goals and progress.

Impact Measurement: We measure the impact of our initiatives, ensuring that we provide tangible value to our clients and the environment.

Community Contribution: We actively contribute to community initiatives that promote environmental awareness and action.

Adaptability: We remain adaptable to the evolving landscape of sustainability, ready to meet future challenges with proactive solutions.

Ethical Practice: We are dedicated to upholding the highest ethical standards, ensuring that our solutions not only benefit our clients but also contribute positively to the broader community.

Absolute Sustainability: We are committed to a pursuit of fostering the maturity of management systems so that businesses, as soon as possible, can transform their business models, processes, and approaches to stay within planetary boundaries and adapt well.

This commitment reflects our dedication to making sustainability an accessible and integral part of the corporate fabric, ensuring that You3 remains a catalyst for positive environmental and social change.

Our professionals are 2050 ready:

The Sustainability professionals at You3 are equipped with an arsenal of technical skills, industry-specific knowledge, and recognized certifications vital for the progressive manufacturing landscape in Queensland. We are proficient in lean manufacturing and Six Sigma processes, ensuring optimal efficiency and quality control. Tertiary qualified in speciality fields that are fitted to the application, and need of the Manufacturer.

Our agile adaptability allows us to swiftly respond to changing demands. Our team is well-versed in the practices that enhance competitiveness within the sector. We are committed to building robust talent pipelines, adeptly managing technological change, and driving industry growth, in line with advanced strategies like the 'Advancing Manufacturing Skills' initiative by Jobs Queensland.

Our professionals are at the forefront, steering the industry towards a sustainable future marked by innovation and resilience.

Core service:

C³ Ground Zero. Integrated online information, carbon profiling, with roadmap and execution tool with AI and community/coach support that goes Beyond Carbon and direct to regeneration via nature-based solutions

Supporting services:

- Manufacturing-focused online Sustainability transformation courses via our LMS.
- Data-Driven Insights for Sustainable Practices
- Integration of Sustainable Digital Technologies
- Digital Carbon Footprint Analysis and Reporting
- Decarbonisation pathways
- Technical feasibility assessments
- Occupational Health and Safety Services
- Sustainability Coaching and counsel for leaders
- Energy, water and waste reviews
- Management system and change management advice
- Sustainable Resource Management Systems
- Energy Efficiency and Procurement software
- LCA Software and support
- Corporate Sustainability Reporting Tools
- Technology Innovation

Research and Development focus

Pioneering AR and AI for Sustainability

At You3 we are at the forefront of integrating cutting-edge technologies like Augmented Reality (AR) and Artificial Intelligence (AI) to champion sustainability. Our commitment is to leverage these technologies to create solutions that not only benefit businesses but also positively impact the environment and society.

Research and Development

Our journey began with extensive research into the capabilities of AR and AI in addressing critical sustainability challenges.

This involved:

- **Innovative AR Applications:** Developing AR tools to enhance understanding and interaction with Safety critical environments data. Our AR solutions allowed users to connect in real-time, fostering a deeper awareness and engagement with sustainability issues.
- **AI-Driven Analytics:** Utilizing AI to analyze vast datasets related to environmental metrics. Our AI models are trained to identify patterns and predict trends, aiding in more informed decision-making for sustainable practices.

Testing and Implementation

Our testing phase was and is comprehensive, ensuring that our AR and AI solutions are both robust and effective:

- **Real-World Testing:** Piloting our AR and AI tools in real-world scenarios across various industries to gauge their effectiveness in augmenting sustainable practices.
- **Feedback Integration:** Actively seeking feedback from end-users and industry experts to refine our technologies, ensuring they meet the practical needs of sustainability.

Impact and Future Directions

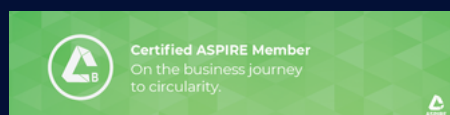
The impact of our AR and AI initiatives in sustainability has been significant:

- **Enhanced Awareness and Engagement:** Our AR tools have been instrumental in increasing awareness and engagement in sustainability efforts among both individuals and corporations.
- **Data-Driven Sustainability Solutions:** AI-driven insights have enabled organizations to make more informed and effective decisions in their sustainability initiatives.

Looking ahead, we are excited to expand our research and explore new ways in which AR and AI can contribute even more profoundly to sustainable development. Our commitment to innovation and sustainability is unwavering, and we continue to seek partnerships and collaborations to further our impact.

Conclusion

At You3, we believe that the synergy of AI, Sustainability and Small to Medium business leaders is key to unlocking new potentials in sustainability. Through our dedicated research, rigorous testing, and innovative applications, we are set to make a lasting impact on how technology can be harnessed for a sustainable future.



Manufacturing based case studies





Equity Partner

TECHNICAL FEASIBILITY FOR A WASTE WATER TREATMENT PLANT AND DESIGN CASE STUDY

Sustainability solutions from Sustainability Professionals

 **Objectives**

- An Equity partner asked us to complete a technical feasibility study for a specialised waste water treatment plant to revolutionise an industry and to arrive at designs where an 'off the shelf solution' did not exist.

 **Challenges**

- Varied team of consultants were employed globally so correct fit was needed.
- High standards of requirements from the client set a big challenge
- Global search was immense and there was a wide range of data.
- Specialised waste meant that there was a large knowledge chasm to cross.

 **Solutions found**

- Water characterisation established, wants, needs and assumptions
- Expert Environmental Engineering, research and data analysis team was formed.
- CONOPS created and requirement specification
- Detailed research into options, with international patent searches, technical reviews and consulting
- Energy and heat recovery analysis
- Management of change review completed
- Financial modelling and carbon analysis and comparative scenarios completed.
- Solution found that met full requirements via design that is innovative and proven.

OUR BENEFITS

Benefits One

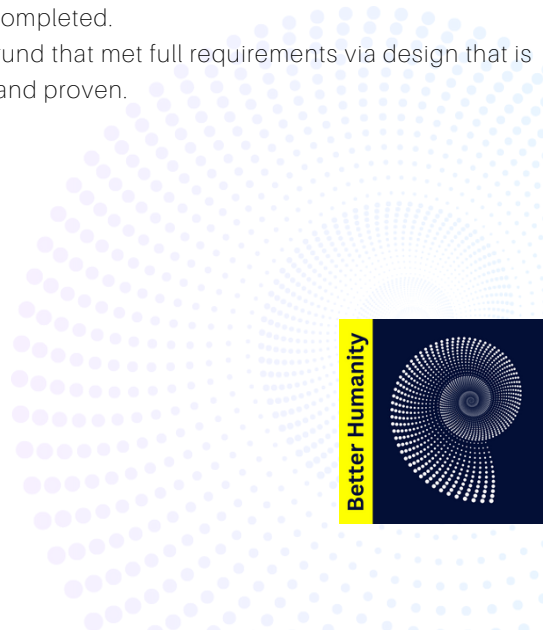
High quality sustainability research and team support which was adaptable and agile.

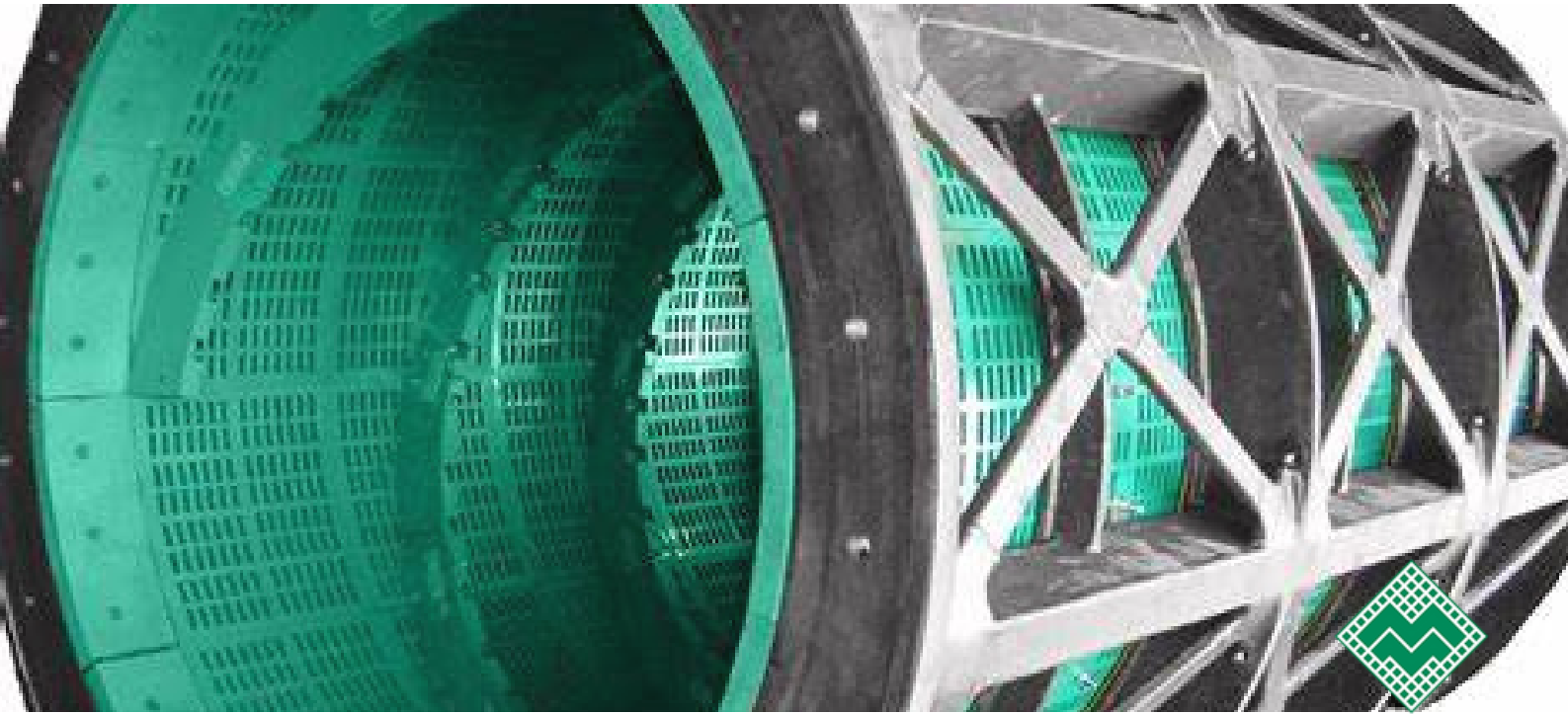
Benefits Two

World class methodologies used to ensure success

Benefits Three

Responsive to client needs without excess waste and cost to delight the client





MULTOTEC CASE STUDY

Sustainability solutions from Sustainability Professionals

 **Objectives**

- Multotec Australia were seeking support for establishing their Green House Gas (GHG) Carbon dioxide equivalent profile of their Australian organisation and to meet BHP supply chain requirements

 **Challenges**

- Navigating the many standards and approaches to carbon profiling, disclosure and management
- Navigating the many different software, tools and techniques
- As a growth business there are many projects present for the business and therefore external support is beneficial.

 **Solutions found**

- Deployment of a custom tool to meet current and ongoing requirements of the business.
- Creation of measurement procedures
- Tailored online training plan for staff
- Formulation of GHG Roadmap reports and action plans
- Provision of external independent third party validation options
- Processing of data using AI builders from invoices and analysis
- Chartered accountant oversight.

OUR BENEFITS

Benefits One

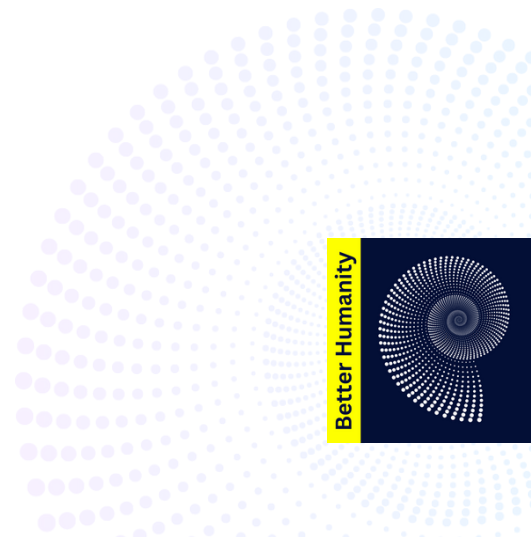
Clear understanding about the GHG profile of the business

Benefits Two

Ability to understand patterns, trends, changes and also solutions to lead to results

Benefits Three

We provided support in a partnership which allowed Multotec have full ownership but targeted guided support was present to demystify the experience!





ENERGY PARTNERS SUSTAINABILITY SUPPORT CASE STUDY

Sustainability solutions from Sustainability Professionals

Objectives

- Energy Partners were part of a solar safety remote support pilot using Augmented reality and voice activated hands free headsets
- Also, EP sought to be tender ready and garnered support for their management system preparation for a large solar roll out of 2.7MW

Challenges

- New technology had to compete with traditional smart phones
- Monitoring operations via phone.

Solutions found

- Delivery of detailed remote inspections and write up of an exception report and recommendations for improvement
- Delivery and development of management system documents for a 2MW+ Brisbane wide Solar tender including quality plan, policy, waste management plan

OUR BENEFITS

Benefits One

Insight and improvements into operations

Benefits Two

Hands on engagement sessions at a distance to develop the safety culture

Benefits Three

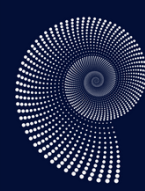
Management system development leading to performance improvements



"The experience was great! Eddie has delivered this new technology and im excited at what it will do for our business. from site safety setup, live on site tech support, client reporting. Its next level.

JASON CODEGA
Energy Partners, CEO

Better Humanity



Implementation and support:

Custom Implementation Strategies: We provide custom implementation strategies tailored to the unique needs of each APAC manufacturing business, ensuring seamless integration with existing systems.

Expert Support and Guidance: Our team offers ongoing expert support and technical assistance throughout the implementation process, addressing challenges and ensuring effective tool utilization.

Comprehensive Staff Training: We conduct detailed training sessions for your team, ensuring they are skilled in using our tools and understand their applications.

Continual Improvement and Scaling

Regular Performance Reviews: We engage in continual improvement through regular assessments, analyzing the impact of our solutions on your sustainability objectives.

Adaptable and Scalable Solutions:

Our solutions are designed to grow with your business, offering scalability to meet evolving needs.

Innovation and Regular Updates:

We are committed to continual innovation, providing regular updates and new features to keep pace with advancements in sustainability technologies.

Contribution to UN Sustainable Development Goals (SDG's):

Our initiatives are deeply aligned with the United Nations Sustainable Development Goals (SDGs). We place a special emphasis on:

- **Goal 12: Responsible Consumption and Production:** We are committed to sustainable and regenerative management and efficient use of natural resources and 'capital'. Our strategies and solutions shift via Lean, AI and circular economy processes move towards more sustainable consumption patterns.
- **Goal 7: Affordable and Clean Energy:** By advocating for and implementing clean and renewable energy sources, we are contributing to building a future with affordable, reliable, and sustainable energy for all.
- **Goal 13: Climate Action:** We are actively engaged in projects and innovations that reduce total pollution and its impacts. Our efforts include developing technologies and practices that reduce carbon emissions and enhance resilience to climate-related hazards.
- **Goal 9 Innovation:** By giving access to no-cost tools with investments going straight to impact, not companies, we are providing insights and nature-based solutions to the impact of energy consumption in manufacturing.

Integrating SDGs into Business Practices

We don't just support these goals; we integrate them into our core business practices. This includes:

- **Sustainable Operations:** Implementing practices in our operations, such as using renewable energy sources, optimizing energy efficiency, lighting control, remote meetings, and minimizing carbon footprint.
- **Educating and Empowering Stakeholders:** We work closely with our clients, partners, and communities to spread awareness about the SDGs and empower them to take actionable steps towards these goals.
- **Monitoring and Reporting:** Regularly measuring and reporting our progress towards these SDGs, ensuring transparency and accountability in our sustainable practices.

This approach not only aids in achieving the SDGs but also sets a standard for responsible business practices in the industry.



Community Engagement and Social Responsibility initiatives:

Community Engagement and Social Responsibility Initiatives

Our organization is dedicated to making a positive impact in the community, driven by core values that emphasize ethical practice, adaptability, and proactive community contribution. We are committed to initiatives that promote environmental awareness and action, and we strive to uphold the highest ethical standards in all our endeavors.

Key Initiatives

- **Environmental Awareness Programs:** We have launched several initiatives aimed at educating communities about environmental conservation and sustainability. These programs involve workshops, seminars, and interactive sessions that engage people of all ages.
- **Local Community Development Projects:** We actively participate in projects that contribute to the development of local communities. This includes infrastructural improvements, supporting local businesses, and creating opportunities for sustainable livelihoods.
- **Volunteer Programs and Charitable Donations:** Our team regularly volunteers in community-based environmental projects such as Ubuntu living on the Sunshine Coast. We also make charitable donations to local and global organizations that align with our sustainability goals like our Client Lifeline.

Impact and Outcomes

- **Community Empowerment:** Our initiatives have empowered communities to take an active role in sustainability efforts, with increased participation in environmental programs.
- **Ethical and Adaptive Solutions:** By adhering to ethical practices and remaining adaptable, we have provided solutions that benefit not only our clients but also the broader community.
- **Quantifiable Impact:** We have seen a measurable increase in community engagement and environmental awareness, with significant contributions to local sustainable development projects.



Client Onboarding Process

Streamlined Onboarding: Our client onboarding process is designed to be efficient and informative, ensuring a smooth transition to our services. This includes an initial consultation to understand client needs, setting up necessary accounts, and providing access to our digital platforms.

Customized Solutions: We tailor our services to meet the specific requirements of each client. This personalized approach ensures that our solutions are aligned with the client's sustainability goals and business objectives.

Training and Education Services

Comprehensive Training Programs: We offer extensive training and education services to ensure that clients are well-versed in our tools and methodologies. This includes online courses, webinars, and hands-on workshops.

Continual Learning: We believe in empowering our clients with the latest knowledge in sustainability practices. Our training programs are regularly updated to reflect new trends and technologies.

Ongoing Support and Account Management

Dedicated Account Management: Each client is assigned a dedicated account manager who provides ongoing support, ensuring that any issues are promptly addressed and resolved.

Regular Check-Ins and Updates: We maintain regular communication with our clients, providing updates on progress and new features. Our support team is always available to assist with any queries or concerns.

**“ABSOLUTE CORPORATE
SUSTAINABLE, IT'S UN-
NATURAL NOT TO.”**

Edward Foord





Join Us in Making a Difference:

We invite you to partner with us in your journey towards sustainability. Our team is ready to support you every step of the way, from initial consultation to ongoing management and beyond.

Contact Us Today:

Reach out to us to learn more about how our solutions can benefit your organization. Let's work together to create a sustainable future.



CONNECT WITH US

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