

Rotary Club of Brisbane

Overview - Rotary, Environment and Sustainability

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How things started...

Cleveland hosts o'seas students



CLEVELAND High School is host school in 1989 to five exchange students from overseas countries.

These students are Greg Kraus from the United States, Mari Auri from Finland, Kohei Higshi from Japan and Adriana Abdo and Lius Carneiro from Brazil.

The countryside, climate, food and customs are among the facets of Australian life which appeal to all the exchange students.

In fact Greg thinks Australia is "so great it should become a state of the US".

Wearing a school uniform seems to be the

greatest difference between the schools in Queensland and schools overseas, although in Brazil school begins at 7.30am and finishes at 12 midday.

Each student (except Greg) hopes to improve his or her English and on returning home will attend university.

The staff and students of Cleveland High hope all five students enjoy their stay at school and in Australia and hope they have many happy memories to take home to their families, schools and friends.

PICTURED left to right are Kohei Higashi, Adriano Abdo, Luis Carnerro, Mari Auri, Greg Kraus.

Career in a nutshell – Brazil till Australia



1989
YEP
Cleveland 2001 2002 2003 2005
Married Beatriz Gabriel GM, is born is born Kyot

2005 bye bye GM, welcome Kyoto Protocol 2008 Home office alien (Lloyd's)



2017-2020

2020 Gabe YEP in Italy) Rotary 🛞

PP 2019-20



Mom and Dad visited a few times and viceversa

2024 Brazil again in December

• General Motors 2000 -2005

Advance Purchasing

1st to market New Tech (opting for 100% ethanol or 100% petrol at the station)



Consultant
 Biofuel
 Generation



Head of Climate Change and Sustainability (2008-2016) **UK**

 BDM leading ESG (2021-22) AUS



10millionTCO2e/annum



 Consultant 2017-2021

1st to market instant carbon measurement. From Startup to \$130Mil value





General Manager ESG 2022-2024

2022

at Uni

Children

(Xentih Consulting)

1st to market local carbon credit method for open cut coal mines – methane recovery



 Head of Sustainability ANZ





00 clients in

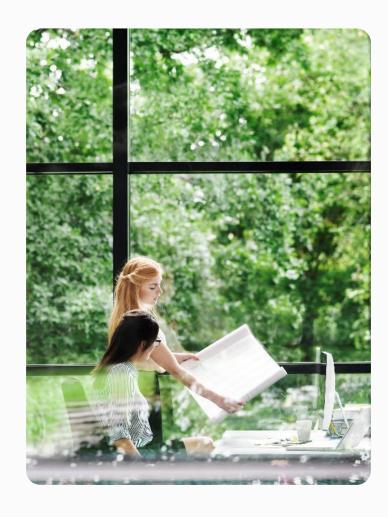
E CLEAN ENERGY R REGULATO

4,000 clients in ANZ / 80,000 globally





The power to deliver



Founded in 1901

84,000 clients

200+ Auditors in ANZ

5,518 colleagues

Clients in **193** countries

4,200 +Clients in Australia
- New Zealand

12,200 technical experts

232,000 audit days in 2022

2,200 + Sites GHG Verified



Sustainability is the most pressing issue we face today

"We are the first generation to fully face the impact of climate change and the last generation that can do something about it". Barrack Obama

Importance of sustainability to¹:

- BSI's clients 98%
- To customers of BSI clients 98%
- To society at large 95%

80% of BSI clients believe that1:

"A focus on sustainability will protect my business for the long term"

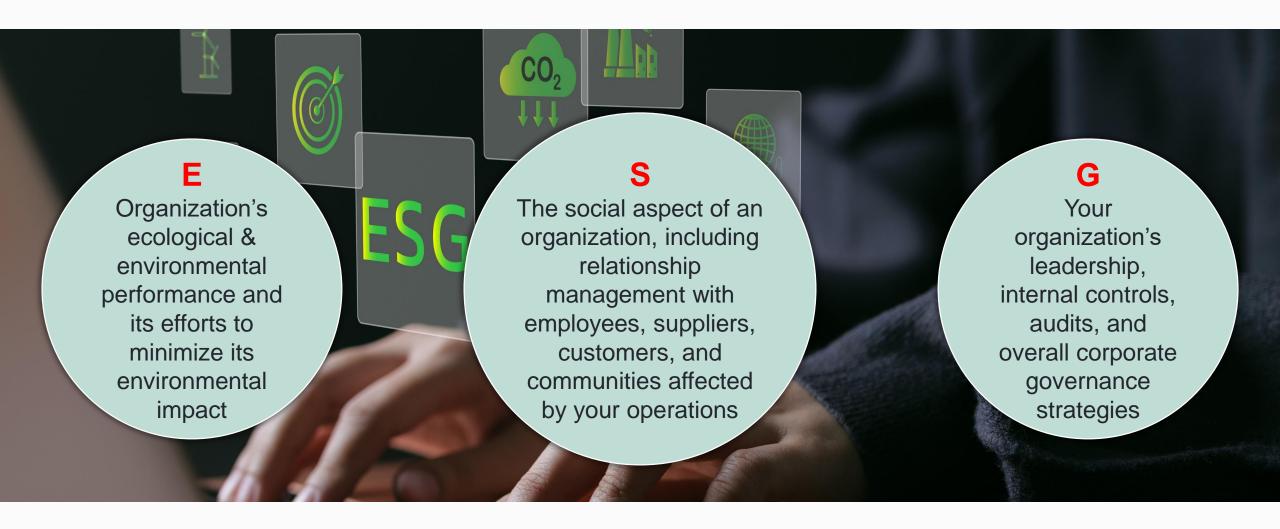




What's relevant in the Australian context?



What is ESG?





Complexity around ESG and Sustainability in Australia

INVESTMENT RISKS ANALYSIS

GOVERNANCE

Corporate Governance

Board Accountability
Sustainability/ESG Reporting
Climate Risk Management
RV – Monitoring . Reporting & Verificati

Corporate Policies

Greenwashing Prevention
Fiscal Obligation
Investor Expectations
Responsible Investment
and Decision Making

ENVIRONMENTAL

Climate Change
Decarbonisation 43% by 2030
Net Zero 2050
Scope 1, 2 or 3 GHG Emissions
HG Emissions Intensity/Footprint
arbon Credits and Offset Strategy

Natural Capital

Bio-energy (waste, methane, geothermal, biomass, Cogen) Bio-diversity & Land Use



ifecycle Assessmen

Water Optimisation
New technologies
Renewable Energy

Environmental Opportunities

Environment Impact Statement Rehabilitation

SOCIAL

Community Interest

Modern Slavery
Economic Development
takeholder Engagement and Consultatio

Human Capital

Land Access Cultural Heritage Native Title



Project Liability

Product Safety and Quality
Integrity of Supply Chain
Social Accountability and Responsibilit

ADDRESSING RISKS

STRATEGY

COMPLIANCE

MONITORING

REPORTING

VERIFICATION

REGULATORY REGIMES

ENVIRONMENTAL

- Climate Change Act 2022
- Safeguard Mechanism Reforms
- National Greenhouse & Energy Reporting Act (NGER Act)
- Carbon Credits (SGM-SMC/ERF-ACCU/VERRA-VCU/CDM-CER/others)
- ISO Standards Series/Climate Active
- CBAM (The Carbon Border Adjustment Mechanism)
- Environment Protection and Biodiversity (EPBC Act)
- Water Act
- Equator Principles

SOCIAL

- Modern Slavery Act
- Native Title Act
- Cultural Heritage Act
- Sustainable Development Goals (SDGs)
- Global Reporting Initiative (GRI)
- Australian Human Rights Commission Act

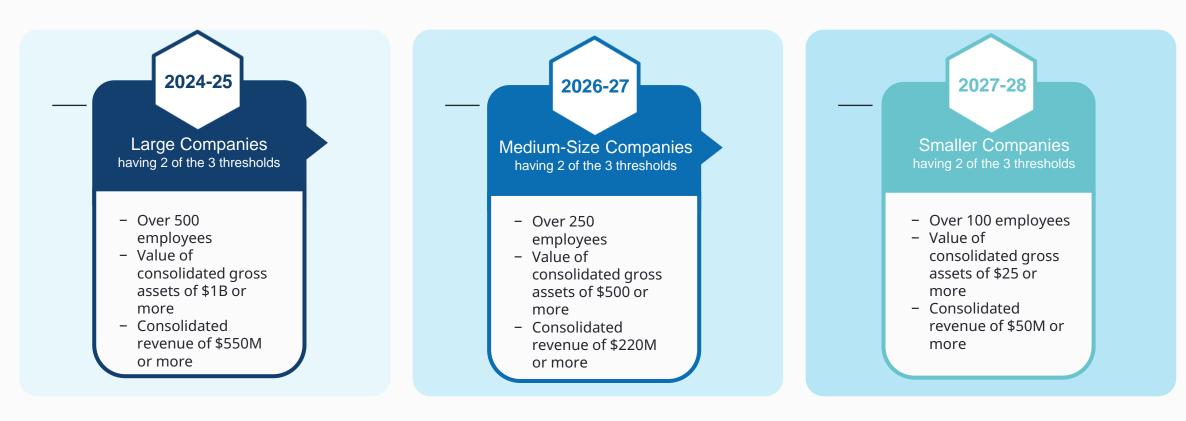
GOVERNANCE

- Corporations Act
- ASX's Corporate Governance Principles
- Australian Sustainability Standards Board (AASB S1 and S2)
- ESG Ratings (S&P Global/MSCI/Sustainalytics/Refinitiv)
- Task Force for Climate-related Disclosures (TCFD)
- Climate Disclosure Sustainability Board (CDSB)Sustainability Accounting Standards Board (SASB)
- NABERS, Greenstar ASBEC

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Mandatory Climate Disclosures

The Treasury's mandatory climate-related financial disclosure rules applies to the largest Australian companies for reporting, and their supply chains effective 1 January 2025







Case Studies





Net Zero / Carbon Neutral Case Studies

Taiwan Stock Exchange has become the first exchange in the Asia-Pacific region to receive the ISO 14068-1 carbon neutrality verification issued by BSI.



Early adoption



"It's imperative for us to fully engage in enabling associations to align their activities with their net zero ambitions. Consequently, we've developed a range of resources, including a net zero action plan, policy templates, and how-to guides that focus on specific topic areas crucial to membership organisations"

Alison Heppenstall

CAFA (Climate Action For Associations)
Founder and Executive Director

TWSE Becomes the First Exchange to Receive ISO 14068-1 Carbon Neutrality Certificate (yahoo.com)



The inspiration of Rotarians keeps us going









The best way to predict future is to create it.

"

By Peter Drucker





Thank you

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