



IEC-GIF & JASANZ International Conference Agenda (18 April 2024)

Zoom link: <https://us06web.zoom.us/j/84041967788>

(no registration, drop in at any point during the day)

Thursday 18 April 2024

09:30 – 10:00	Registration
10:00 – 10:10	Welcome and Introduction
10:10 – 10:45	IECQ Plenary on the New Approach
10:45 – 11:15	Introduction to the <u>IEC Global Impact Fund</u>
11:15 – 11:45	Coffee/Tea break
11:45 – 12:15	<u>IEC Global Impact Fund</u> initiatives in the Asia Pacific
12:15 – 12:30	Open Discussion
12:30 – 13:30	Lunch
13:30 – 14:15	SERI R2 Scheme launch in Australia and New Zealand
14:15 – 15:00	<u>Ecodesign</u> and Carbon Footprint verification
15:00 – 15:30	Coffee/Tea break
15:30 – 16:15	Opportunities for projects and collaboration
16:15 – 17:00	Open Forum
17:00 – 18:00	Cocktail Reception

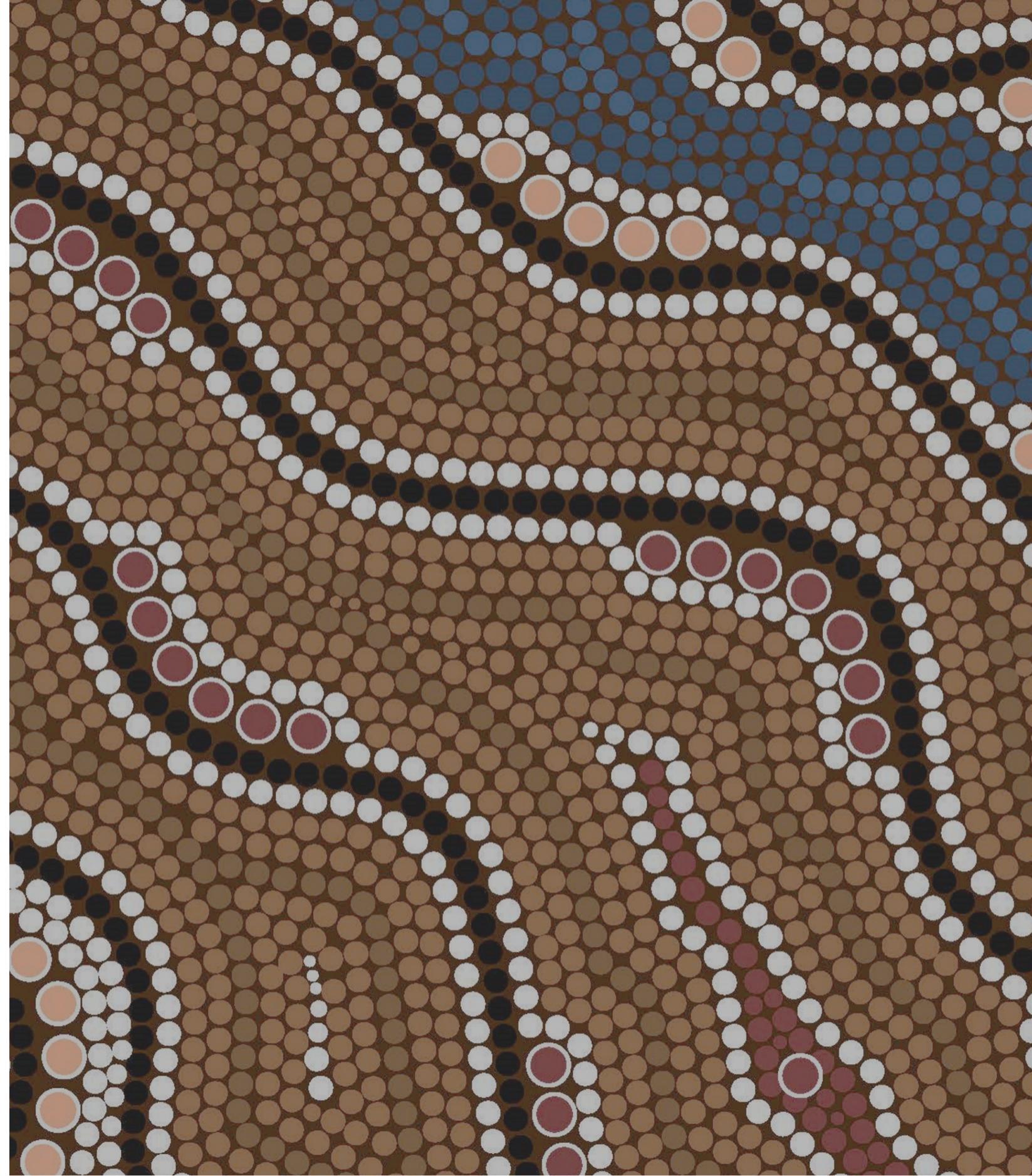
Welcome

JASANZ acknowledges the Traditional Owners of the land on which we meet and work, and all Traditional Owners of country throughout Australia.

We recognise Aboriginal and Torres Strait Islander peoples' continuing unique connection to land, place, waters and their rich contribution to society.

We pay our respects to their cultures, country and elders past present and emerging.

We acknowledge the Jagera people and the Turrbal people as the Traditional Custodians of Meanjin (Brisbane), the lands on which we meet in-person today.



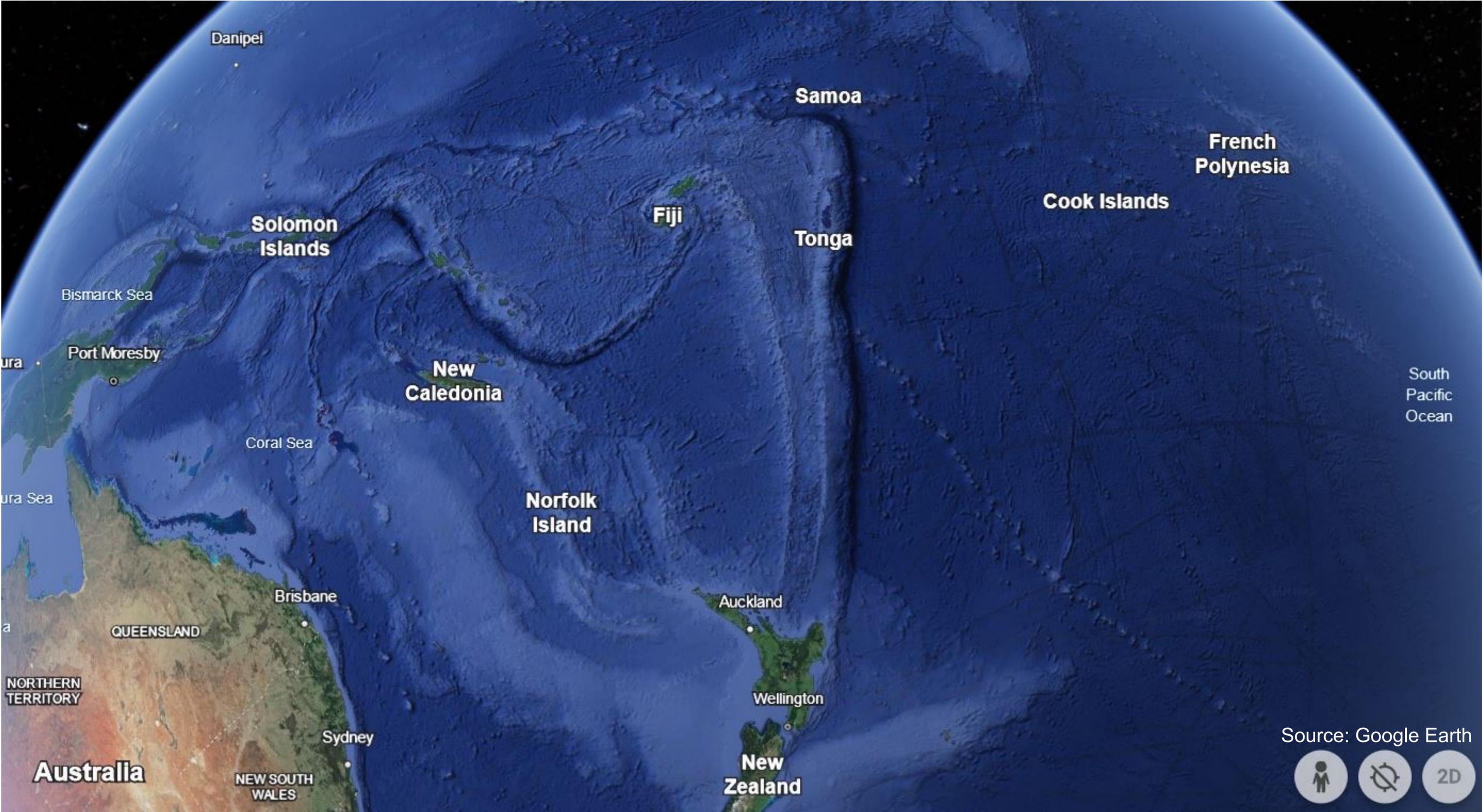
Welcome

Here at JASANZ we acknowledge the status of Māori as Tangata Whenua and honour Te Tiriti o Waitangi – Treaty of Waitangi by embracing the three guiding principles of Partnership, Protection and Participation.

We are committed to fostering the organisation's relationship with Māori and supporting the aspirations of Māori staff, customers and Māori communities.



The Pacific



Source: Google Earth



Who is JASANZ?

Joint Accreditation System of Australia and New Zealand, an international non-profit organization

- We are an accreditor (ISO/IEC 17011) of
 - **Certification bodies who certify management systems, products, processes, services and persons**
 - **Inspection bodies**
 - **Validation and verification bodies**
- JAS-ANZ Treaty ([link](#)) between Australia and New Zealand
 - **Sets out objectives and governance structure of JASANZ**
 - **The two Governments through industry portfolio agencies (DISR, MBIE) appoint members of the JASANZ Governing Board**
 - **Publish a Statement of Corporate Intent and annual report**



JASANZ mission statement

‘To ensure that JASANZ accreditation enhances national, trans-Tasman and international trade’

‘Achieve international recognition for the excellence of Australian and New Zealand goods and services’

‘Achieve international recognition for the excellence of Australian and New Zealand goods and services’



2023-2026 SCI

www.jasanz.org/reporting

An infographic on a dark blue background detailing the mission, vision, values, and goals of JASANZ. It features four numbered icons: 1. Mission (rocket), 2. Vision (eye), 3. Goals (target), and 4. Values (diamond).

1 Mission
To ensure that JASANZ accreditation enhances national, trans-Tasman and international trade.

Achieve international recognition for the excellence of Australian and New Zealand goods and services.

2 Vision
JASANZ will be the accreditation body of choice nationally, regionally and internationally.

4 Values
JASANZ is committed to providing leadership in accreditation for Australia and New Zealand.

Integrity and trust

- Maintaining an ethical organisation that engenders trust and understanding in all stakeholders
- Operating and communicating in a transparent manner.

Creating value through our people

- Providing professional development
- Encouraging innovation
- Encouraging teamwork
- Recognising the significant contributions of our staff and volunteers.

Professionalism

- Practicing good corporate governance and meeting all statutory requirements
- Ensuring highly professional personnel and services.

Customer focus

- Recognising our treaty obligations to the community
- Adhering to the technical obligations of our mutual recognition arrangements
- Developing and maintaining relationships with our stakeholders
- Implementing an effective communication strategy.

3 Goals

Integrity and confidence
Maintain a joint accreditation system that gives users in Australia and New Zealand confidence that goods and services certified by accredited bodies meet established standards.

Trade support
Obtain and maintain acceptance by Australia's and New Zealand's trading partners for domestic management systems and exported goods and services.

Linkages
Create links to relevant bodies that establish or recognise standards for goods and services or that provide conformity assessment.

International acceptance
Obtain mutual recognition and acceptance of conformity assessment with relevant bodies in other countries.

JASANZ at a glance

- AU/NZ Member Accreditation Body (ISO/IEC 17011) of the [International Accreditation Forum \(IAF\)](#), and [International Laboratory Accreditation Cooperation \(ILAC\)](#)
- From 2016, also the Standards Australia appointed Australian Member Body for the [IECQ, IECEE, IECEx, and IECRE Systems](#)

2023

137

Accredited bodies

120

Schemes

90,216

Certifications
(Management Systems)

74,946

Certifications
(Product)

94,124

Certifications
(Personnel)

JASANZ and the Pacific Islands

	JASANZ accredited certificates (issued by accredited Conformity Assessment Bodies)*
Federated States of Micronesia	0
Fiji	108
Kiribati	3
Marshall Islands	0
Nauru	0
Palau	0
Papua New Guinea	123
Samoa	3
Solomon Islands	1
Tonga	3
Tuvalu	0
Vanuatu	5

*As at April 2024.

See <https://register.jas-anz.org/certified-organisations>

NZ & AU Governments expect JASANZ to contribute to regional capacity building in standards and conformance

- JASANZ has an open offer of ongoing mentoring, free consultancy and advice on technical standards, conformity assessment schemes & systems, and their use to achieve government objectives for:
 - **Aboriginal, Torres Strait Islander, & Maori owned businesses and community enterprises;**
 - **Businesses, NGOs, and government agencies in the Pacific Islands.**
- **For example:**

Food safety, food export	Certificates of Origin Schemes under Free Trade Agreements	Energy & renewables	Electrical products
Medical Devices	Invoking standards, schemes/systems in legislation & contracts	Asset Management	Building Products
Health, aged care and other human services	Chemicals & other hazardous substances	Cyber Security	Plumbing Products



Contact: tsb@jasanz.org any time if interested. Discussions can range from brief to lengthy.

NZ & AU Governments expect JASANZ to collaborate globally

- JASANZ has regular informal meetings about conformity assessment schemes and systems with counterpart Accreditation Bodies (ABs) in Brazil, the UK, and other ABs through its regional representative body, [the Asia Pacific Accreditation Cooperation \(APAC\)](#).
- **Any Nation States of the Pacific are welcome to attend these collaboration meetings.**
- Contact: tsb@jasanz.org if interested.

Introduction

- The Asia Pacific region faces challenges with electronic waste (e-waste) management due to rapid economic growth and increased consumption of electronic devices.
- The IEC Global Impact Fund (GIF) seeks stakeholder suggestions for innovative e-waste management solutions using international standards and conformity assessment systems.
- Responses to the discussion paper have informed discussions today at the IECQ International Conference on 18 April 2024 in Brisbane, Australia.



New thinking in transformative economic development

● A NEW GROWTH STRATEGY FOR DEVELOPING NATIONS

Dani Rodrik and Joseph E. Stiglitz. January 2024

(Harvard and Columbia University economists, respectively. <https://drodrik.scholar.harvard.edu/publications/new-growth-strategy-developing-nations>)

- The development pathway for almost all developed countries, physical goods export, is no longer realistic for most developing economies. Manufacturing has moved towards high complexity, more knowledge intensive practices, so simply having an excess of cheap labour is no great advantage.
- Meanwhile, low complexity, labour intensive manufacturing has to compete with the greater efficiencies of scale by the established economies.
- All countries have an interest in maintaining some extent of manufacturing capacity. This is both for supply chain and sovereignty considerations, but also because of the virtuous link between advanced services and the need to maintain a level of technological prowess to be informed users and operators of advanced equipment and assets. Excessive de-industrialisation is a risk to economic development to industrialised countries, too.

New thinking in transformative economic development for developing economics

(II)

• A NEW GROWTH STRATEGY FOR DEVELOPING NATIONS

- Dani Rodrik and Joseph E. Stiglitz. January 2024
- The 'Green Transition' AKA 'the Green Economy', partnered with domestic manufacturing capacities and primarily 'services based exports' currently offers the most realistic, feasible means for developing (or underdeveloped) countries to achieve sustained development (as well as 'sustainable development'). While a 'second best' approach in terms of absolute GDP, and being less related to inter-country trade of goods, this approach has the advantage of creating stronger, self-sustaining, resilient nation states that are able to produce their essential energy, physical goods (including medical supplies), and maintain technological capacity to (for example) develop engineering and other adaption solutions to the increasing adverse climatic conditions (e.g. flooding, rising waters), and provide 'export services' as well as remote based work to act as forms of exports (avoiding the need, for example, for policies focussed on exporting the nation's best workers to send home remittances).
- Governments have been heavily involved in intervening in markets for every major economic development transition of nation states over the past 200 years. Such intervention is no more important for the transitioning from a developing to a 'developed' economy, and will increasingly rely on partnering with local governments/councils with genuine contextual understanding of communities and micro-enterprises within them.
- Rather than 'picking winners', the best work of governments in catalysing competitive industries is 'letting losers go' after the period of defined support/assistance.

The IEC Global Impact Fund

- The IEC created the Global Impact Fund to address social, economic and environmental challenges through international standards and conformity assessment.
- IEC-GIF projects are market-based solutions implemented by SMEs and partners, garnering support from national stakeholders.
- Differ Community Power is the first IEC-GIF funded project, determining the feasibility of using second life lithium batteries for solar PV in Kenya.

IEC-GIF and JASANZ Conference Agenda

- The conference is titled 'Potential innovative industry-led projects for e-waste in the Asia Pacific: Supporting a circular economy'.
- It includes sessions on IECQ's new approach, IEC-GIF initiatives, the SERI R2 Scheme, ecodesign, and opportunities for collaboration.

Customers Paying a Premium for Sustainable Electronics

- Market research shows consumers will pay extra for lower environmental impact and ethically sound electronics, but with limits.
- Consumer cynicism has grown towards 'eco-labels' and 'greenwashing', diminishing trust and willingness to pay green premiums.
- The post-pandemic environment and geopolitical tensions have created a global cost-of-living crisis, exacerbating regional inequalities.

E-Waste Processing Challenges in Australia and New Zealand

- Reviews confirm longstanding problems in pricing and incentivizing electronics reuse, repurposing, recycling, and responsible disposal.
- Effective recycling initiatives are difficult to access and maintain economic viability.
- Manual disassembly makes recycling economically marginal, subject to labor costs, landfill fees and secondary material prices.

The Shift to Online Electronics Retailing

- About one-third of electronics are now purchased online globally and in Australia/New Zealand.
- This was catalysed by retailer bankruptcies and the COVID-19 pandemic.
- Online retailers currently do not enable searches for environmental attributes of electronics.

Influencing Purchasing Through Positive Listings and Subsidies

- Standalone certified product listings could substantially raise awareness and purchasing of environmentally preferable electronics.
- Impacts can be amplified by combining listings with government subsidies and procurement guidelines.
- Increasing use of interdependent purchasing requirements is anticipated to drive environmentally friendly consumption.

Pacific Region E-Waste Concerns

- Pacific countries face disproportionate e-waste impacts despite contributing least to the problem.
- Remote islands become inadvertent dumping grounds through ocean currents and illegal imports.
- [The Secretariat of the Pacific Regional Environmental Program \(SPREP\)](#) works to address the varied challenges Pacific islands face in e-waste collection, financing and processing.
 - <https://www.sprep.org/>

Legal Risks of Unsubstantiated Green Claims

- The Australian Competition & Consumer Commission (ACCC) and Commerce Commission New Zealand (CCNZ) have both made enforcement of misleading environmental claims a top priority.
- 'Greenwashing' exposes companies to serious legal penalties in Australia and New Zealand.
- Regulators encourage use of robust standards and certifications to substantiate environmental claims, but have not endorsed specific standards yet.

Electronics Industry Engagement in E-Waste Solutions

- The electronics industry risks being left behind in e-waste debates and decisions if not proactively engaged.
- The UN has called for greater private sector collaboration, as seen with the SERI R2 standard.
- IECQ and SERI R2 together enable industry leadership across the electronics lifecycle.

Driving Collaborative E-Waste Solutions for the Asia-Pacific

- The IEC-GIF and JASANZ seek input on industry-led projects for an Asia-Pacific circular economy in electronics.
- Participation is encouraged through a pre-conference survey and direct proposal submissions.
- The April 2024 Brisbane conference will advance the dialogue and collaboration for regional e-waste solutions.

Geographic and Economic Context in Asia Pacific

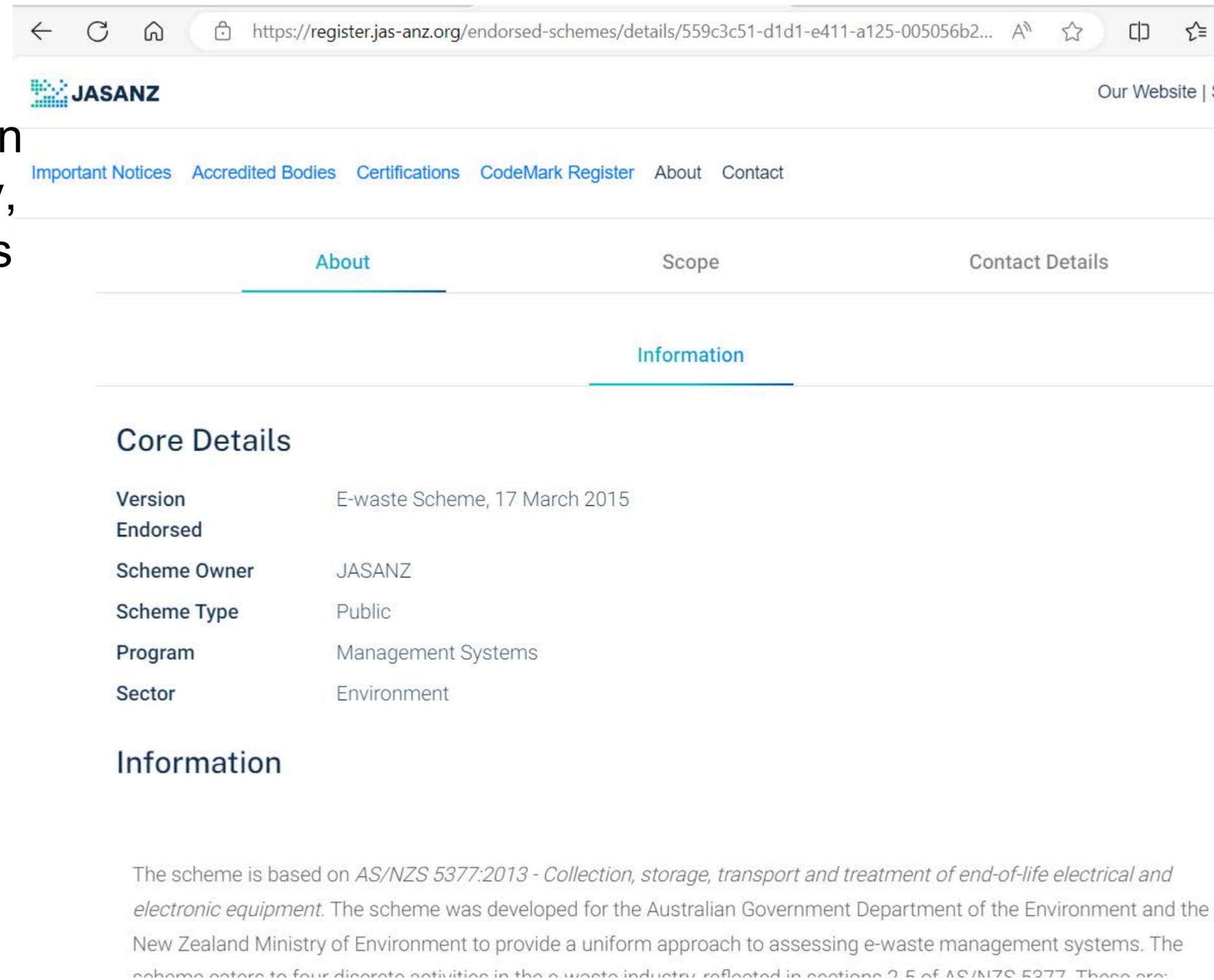
- Consumers are willing to pay a premium for lower environmental impact electronics, but trust has been diminished by 'greenwashing'.
- Regional and remote populations face greater socioeconomic challenges and inequalities.
- Recycling initiatives for e-waste face economic challenges in Australia and New Zealand.

Geographic Inequalities and Unethical E-Waste Disposal

- Asia Pacific countries face environmental injustice, being recipients and dumping grounds for e-waste despite contributing least to emissions.
- Recycling enterprises in remote areas can inadvertently become 'landfills' for electronics due to logistical challenges.
- The Pacific Regional Environment Program (SPREP) notes varied efforts and challenges in effectively managing e-waste in Pacific Island countries.

Evolving E-Waste Standards and Certification in Australia/NZ

- AS/NZS 5377:2013 has requirements on reuse, recycling and information security, and is referenced in regulations, and has been updated as AS 5377:2022.
- To continue, the [JASANZ E-Waste Scheme](#) will need to transition to AS 5377:2022 at some stage, pending updates in legislation.
- Major retailers are still engaged in first and second-party use of standards and stewardship, with a variety of industry programs in use.



The screenshot shows a web browser displaying the JASANZ website. The URL in the address bar is <https://register.jas-anz.org/endorsed-schemes/details/559c3c51-d1d1-e411-a125-005056b2...>. The JASANZ logo is visible in the top left corner. A navigation menu includes links for Important Notices, Accredited Bodies, Certifications, CodeMark Register, About, and Contact. Below the navigation, there are tabs for About, Scope, and Contact Details. The 'About' tab is selected, and the 'Information' sub-tab is also selected. The main content area is titled 'Core Details' and lists the following information:

Version	E-waste Scheme, 17 March 2015
Endorsed	
Scheme Owner	JASANZ
Scheme Type	Public
Program	Management Systems
Sector	Environment

Below the 'Core Details' section, there is an 'Information' section with the following text:

The scheme is based on AS/NZS 5377:2013 - Collection, storage, transport and treatment of end-of-life electrical and electronic equipment. The scheme was developed for the Australian Government Department of the Environment and the New Zealand Ministry of Environment to provide a uniform approach to assessing e-waste management systems. The scheme covers four discrete activities in the e-waste industry, reflected in sections 2-5 of AS/NZS 5377. These are:

AS/NZS 5377 and Accredited E-Waste Certification

- AS/NZS 5377:2013 is the key Australian and New Zealand standard for e-waste, is invoked in AU legislation.
- Both the New Zealand and Australia government agencies have indicated an interest in updating the scheme.
- The update of the E-Waste Scheme would be an opportunity for incorporating regard to the SERI R2 Scheme, but this would be up to the Scheme Technical Committee and Government Scheme Owners.
- Meanwhile, the SERI R2 Scheme has over 30 certifications in Australia and New Zealand. With its endorsement as suitable for issuance of JASANZ accredited certification, we encourage all governments of New Zealand and Australian to consider it at least equivalent to the E-Waste Scheme.

SERI R2 Standard An Industry-Led E-Waste Initiative

- The Sustainable Electronics Recycling Initiative (SERI) and its R2 standard is a successful industry-led program for ethical and efficient e-waste handling.
- R2 provides a 'chain-of-custody' for e-waste to ensure responsible recycling, data destruction, and legal compliance.
- Over 30 SERI R2 certified facilities exist in Australia and New Zealand, often driven by contractual obligations with North American companies.

IECQ and SERI R2 Cover Product Lifecycle for Industry-Led Solutions

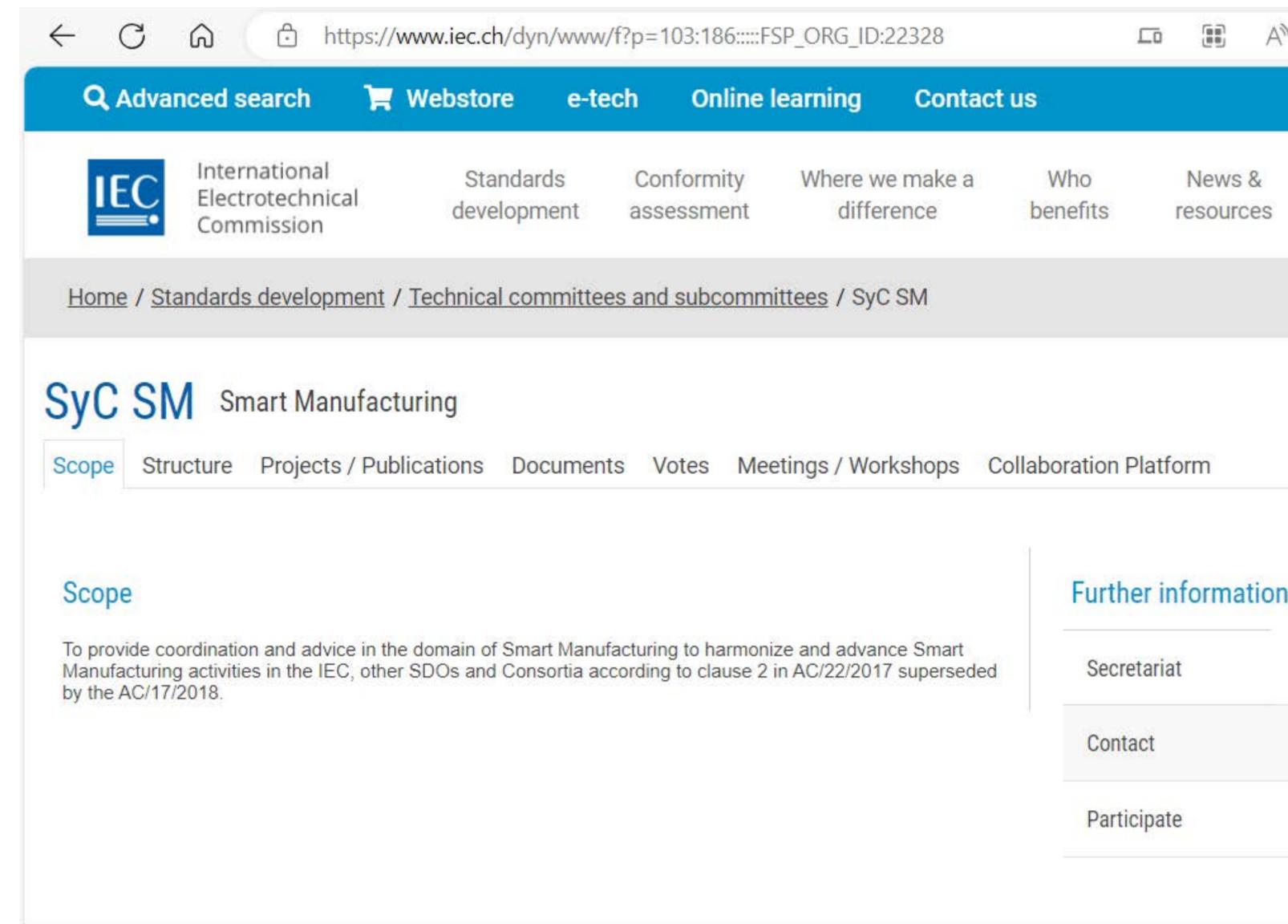
- The IECQ and SERI R2 standard together cover electronics' entire lifecycle for industry-led e-waste solutions.
- The IEC-GIF advances a safer, more efficient world by demonstrating the catalytic impact of standards and conformity assessment to address urgent global issues.
- The IEC-GIF seeks feedback on industry-led project ideas to improve e-waste circularity in the Asia-Pacific.

Online Retailing and Conformance Data Opportunities

- The rise of online retailing provides opportunities for greater prominence of credible environmental performance claims.
- Dedicated certified product search services could have an outsized impact on awareness and purchasing of lower environmental impact electronics.
- Government financial subsidies and procurement guidelines can drive purchasing behavior towards environmentally friendly goods.

Smart Manufacturing for Circular Economy Electronics

- IEC and ISO standards on smart manufacturing support sustainable production, use and end-of-life management of electronics.
- Australia contributes to developing these through [IEC SyC SM](#) and ISO's smart manufacturing committee.
- Reference architectures and enterprise modeling help advance circularity objectives.



The screenshot displays the IEC SyC SM website. The browser address bar shows the URL: https://www.iec.ch/dyn/www/f?p=103:186:::FSP_ORG_ID:22328. The website header includes navigation links: [Advanced search](#), [Webstore](#), [e-tech](#), [Online learning](#), and [Contact us](#). The IEC logo and name (International Electrotechnical Commission) are visible, along with other navigation options: [Standards development](#), [Conformity assessment](#), [Where we make a difference](#), [Who benefits](#), and [News & resources](#). The breadcrumb trail reads: [Home](#) / [Standards development](#) / [Technical committees and subcommittees](#) / [SyC SM](#). The main heading is **SyC SM Smart Manufacturing**. Below this, there are tabs for [Scope](#), [Structure](#), [Projects / Publications](#), [Documents](#), [Votes](#), [Meetings / Workshops](#), and [Collaboration Platform](#). The **Scope** tab is active, showing the text: "To provide coordination and advice in the domain of Smart Manufacturing to harmonize and advance Smart Manufacturing activities in the IEC, other SDOs and Consortia according to clause 2 in AC/22/2017 superseded by the AC/17/2018." On the right side, there is a **Further information** section with links for [Secretariat](#), [Contact](#), and [Participate](#).

Smart Design and Manufacturing for Upstream E-Waste Control

- The IEC Systems Committee on Smart Manufacturing (IEC SyC SM) coordinates efforts to harmonize and advance smart manufacturing activities.
- Australia is an active member of IEC SyC SM, with experts in enterprise modelling and enterprise engineering.
- Smart manufacturing and reference architectures provide upstream control over product durability, functionality, recyclability and environmental impact.
- Australia, via the IEC Australian National Committee (Standards Australia), is an active member of the 'IEC SyC SM', with the mirror committee ME-095.
- **The Chair of ME-095, [Assoc. Professor Peter Bernus, Griffith University](#), is an international recognised expert in Smart Manufacturing (as Reference Architectures), and is present here today.**

Authorities' Increasing Regulation of 'Green Claims'

- The Australian Competition and Consumer Commission (ACCC) and Commerce Commission New Zealand (CCNZ) are taking increasing action on 'greenwashing'.
- The ACCC and CCNZ encourage companies to use credible standards and third-party certification schemes to substantiate environmental claims.
- However, they have not yet formally recognised specific ISO, IEC or AS/NZS standards and schemes for this purpose.

Global Electronics Industry at Risk of Exclusion from E-Waste Debate

- There is increasing government impatience and regulation over the problem of e-waste.
- The electronics industry can reduce this risk by taking greater voluntary actions to address the environmental impacts of its products.
- A 2017 UN report recommended increased collaboration with the private sector on e-waste initiatives.

E-Waste as a Multifaceted Concern

- E-waste poses environmental, human health, data security, economic equality, and trade challenges.
- Australia and New Zealand combined are estimated to generate over 760,000 tonnes of e-waste annually by 2030.
- Most e-waste in Australia ends up in landfill or exported overseas, and recycling/waste is a recognized problem.

Global E-Waste Generation Rapidly Increasing

- The UN reports global e-waste production reached a record 62 million tonnes in 2022^[1], up 82% from 2010.
- E-waste is rising five times faster than documented recycling rates.

[1] <https://unitar.org/about/news-stories/press/global-e-waste-monitor-2024-electronic-waste-rising-five-times-faster-documented-e-waste-recycling>

Australian National Waste Policy and Action Plans

- In 2018, Australian governments agreed to a National Waste Policy and 2019 Action Plan with 2030 targets for waste reduction and resource recovery.
- The 2019 Plan included establishing a Product Stewardship Investment Fund for new industry-led recycling schemes.

Australian Product Stewardship Scheme for Industry-Led Initiatives

- The Recycling and Waste Reduction (Product Stewardship—Accreditation of Voluntary Arrangements) Rules 2020 provides the legal basis for the Product Stewardship Scheme.
- Accredited voluntary arrangements can use the Product Stewardship logo as a 'stamp of approval' for products contributing to a circular economy.
- Guidelines on applying for accreditation were published in 2021.

Australian Government Minister for the Environment Priority List A 'Stick' for Industry Action

- The Australian Minister for the Environment maintains [a Priority List for product stewardship action](#), expecting industry to take charge for listed products.
- If sufficient industry action is not taken, the Minister may regulate the products, which is more onerous.
- Some products on past Priority Lists are now being regulated due to insufficient industry progress.

Regulation of Photovoltaic Systems and E-Waste

- PV systems and e-waste were on the Minister's Priority List from 2016-17 to 2022-23.
- Industry made insufficient progress, so the government committed to a mandatory product stewardship scheme.
- A 'Wired for Change' discussion paper was released in June 2023.

Product Stewardship Centre of Excellence for Industry Support

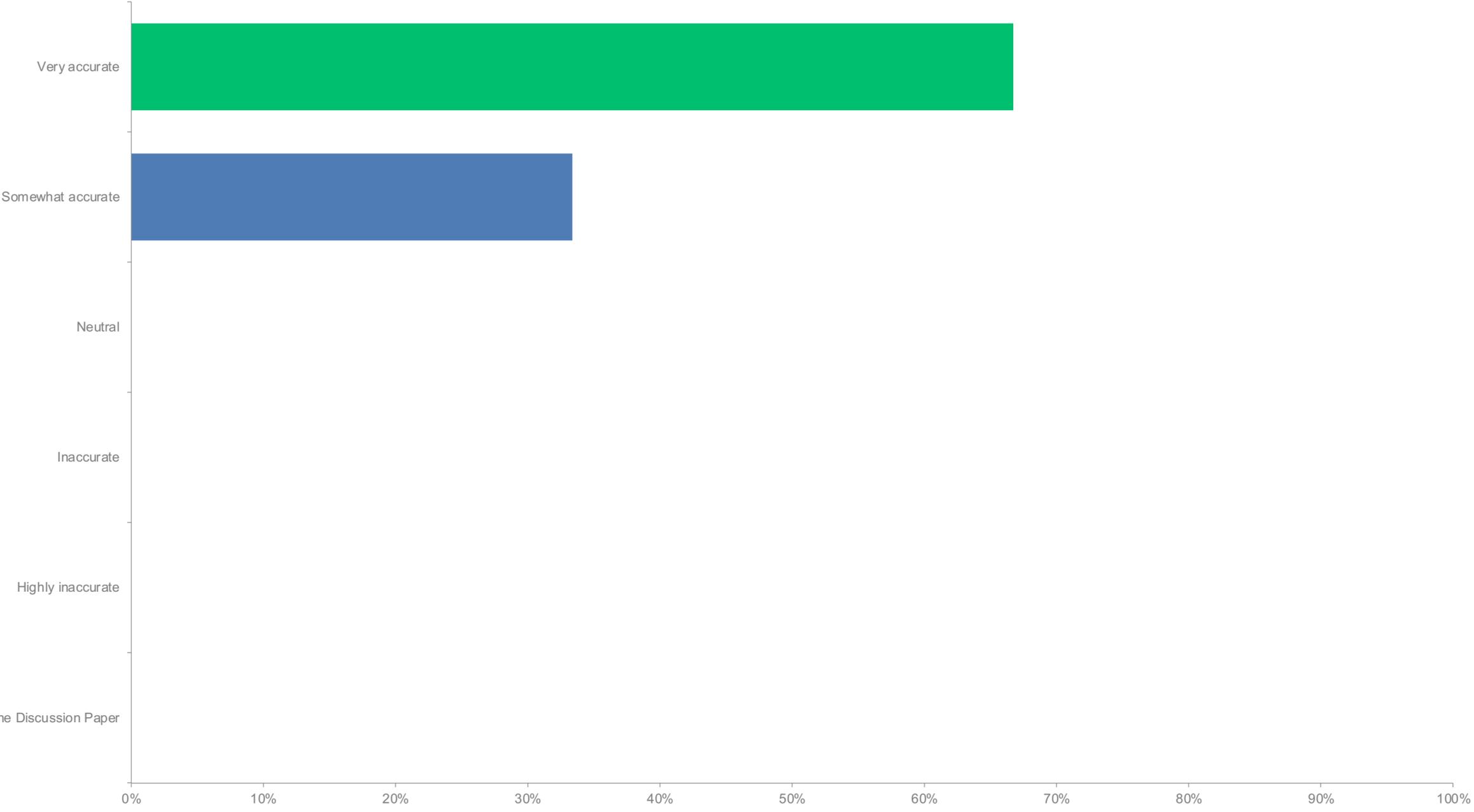
- The Product Stewardship Centre of Excellence supports businesses in reducing waste through better design and manufacturing.
- It provides mentoring, best practices, technical advice, and helps build networks to support industry-led schemes.
- The Australian Industry Group (AIG) has representatives on its Board.

Pre-Conference Survey and Proposal Submissions

- A pre-conference survey was sent to available to solicit feedback on potential industry-led e-waste projects for the Asia-Pacific.
- Project proposals can also be submitted directly to JASANZ and the IEC-GIF.

Q7: How accurately does the IEC-GIF and JASANZ International Conference Discussion Paper describe the challenges of e-waste in the Asia Pacific?

Answered: 3 Skipped: 0



Pre-Conference Survey and Proposal Submissions

Filter: by tag

Showing 3 responses

I rate the summary as very accurate. It effectively outlines the challenges of e-waste in the Asia Pacific region from both regulatory and consumer perspectives. It touches on various aspects such as the need for sustainable electronic products throughout their lifecycle, challenges faced by regional and remote areas, certification schemes for e-waste facilities, and the role of international standards and conformity assessment systems in addressing these challenges. It also highlights the efforts of organizations like the International Electrotechnical Commission (IEC) and initiatives like the Global Impact Fund (GIF) in promoting solutions for e-waste management. Overall, the summary provides a comprehensive overview of the issue and suggests potential solutions.

12/04/2024 05:40 pm [View respondent's answers](#) [Add tags](#)

1. The challenges of e-waste are clearly existing, and the topic itself is easy understanding. 2. The changes of e-waste do not need extra words. The solution proposal is attracting the readers.

08/04/2024 11:57 am [View respondent's answers](#) [Add tags](#)

This is not an area that is well known in the Pacific to the level of detailed outlined in the paper. Will be good to test the level of understanding on this issue with the Pacific but also undertake an assessment of the Pacific itself.

05/04/2024 07:24 am [View respondent's answers](#) [Add tags](#)





SERI R2 Scheme

Launch of JASANZ accreditation services

Thursday 18 April 2024



Schedule

Moderator: **Jo Jenkins** (*Technical Services Coordinator, JASANZ*)

Welcome and introductions

JASANZ requirements for the R2 Scheme

AS/NZS 5377 E-Waste Scheme in Australia and New Zealand

Sherri Lehmann (*Sector Manager, Environment & Sustainability*)

Matt Pitt (*Technical Manager Operations, JASANZ*)

SERI requirements and expectations for the R2 Scheme

Sharada Rao (*Director of Global Certification Programs, SERI*)

Corey Dehmey (*Executive Director, SERI*)

Open Q&A, and close





Welcome and Introductions



Acknowledgement of Country

JASANZ acknowledges the Traditional Owners of the land on which we meet and work, and all Traditional Owners of Country throughout Australia.

We recognise Aboriginal and Torres Strait Islander peoples' continuing unique connection to land, place, waters and their rich contribution to society.

We pay our respects to their cultures, Country and Elders past present and emerging.



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About JASANZ

The Joint Accreditation System of Australia and New Zealand (JASANZ) is an independent, government authorised third-party that provides internationally recognised accreditation of conformity assessment bodies.

JASANZ is raising standards, driving progress and elevating accreditation from simple compliance to business improvement. We build confidence in accreditation and certification systems by working collaboratively with stakeholders, both locally and internationally, to provide guidance, oversight and expertise, delivering business advantage and driving more effectively functioning markets.

Learn more at www.jasanz.org



We are an accreditor (ISO/IEC 17011) of

- Certification bodies who certify management systems, products, processes, services and persons
- Inspection bodies
- Validation and verification bodies

JASANZ Treaty ([link](#)) between Australia and New Zealand

- Sets out objectives and governance structure of JASANZ
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Mission, Vision, Values, Goals

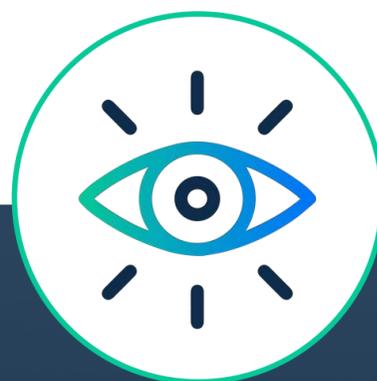
Mission



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Achieve international recognition for the excellence of Australian and New Zealand goods and services.

Vision



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Goals



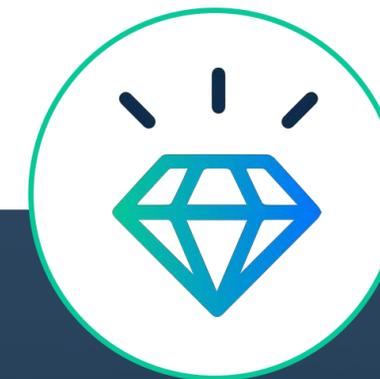
Integrity and confidence

Trade support

Linkages

International acceptance

Values



Integrity and trust

Creating value through our people

Professionalism

Customer focus

Our sectors



Product
certification



Business
and
innovation



Health and
human
services



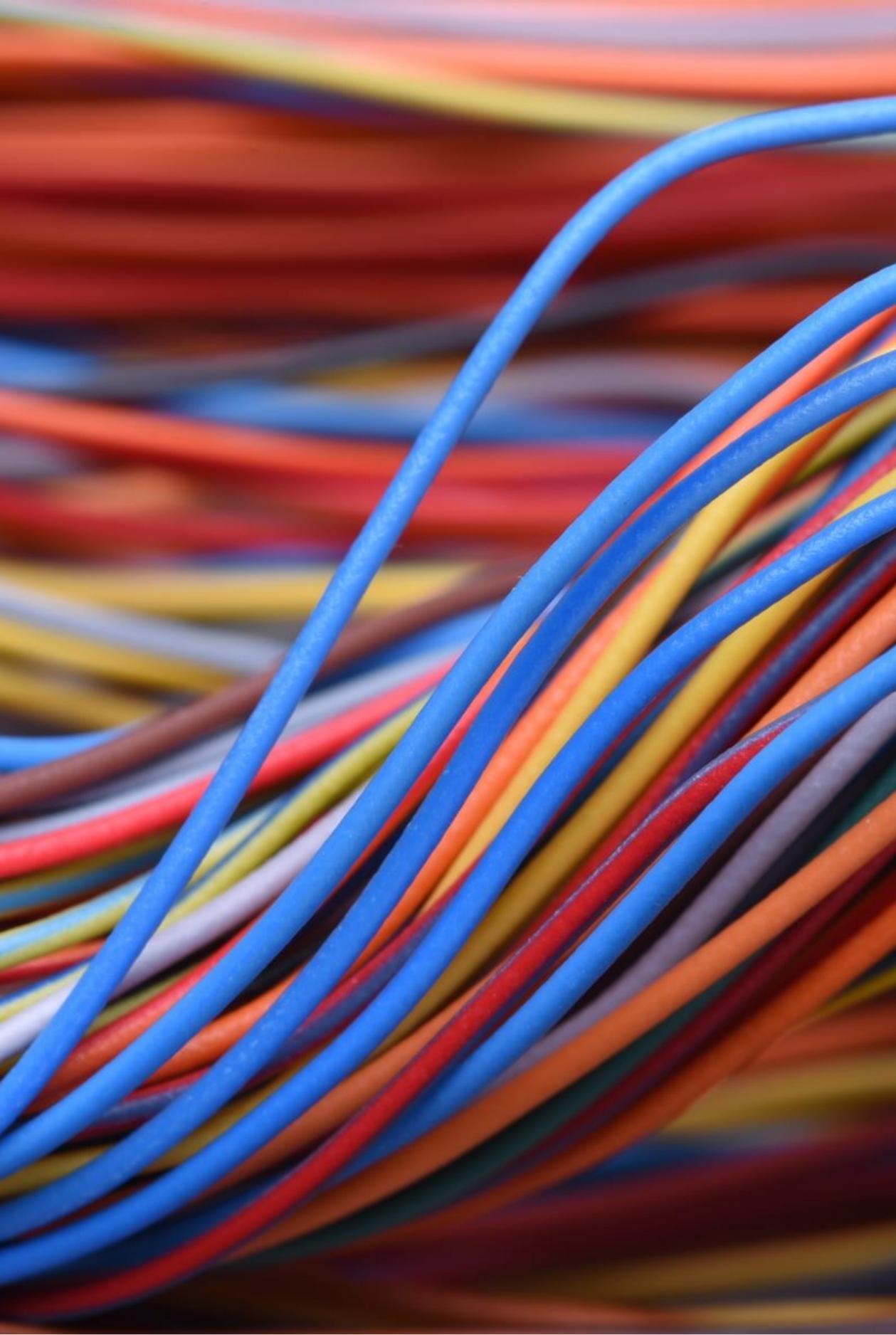
Food and
biologicals



Sustainability
and
environment



JASANZ requirements for the R2 Scheme

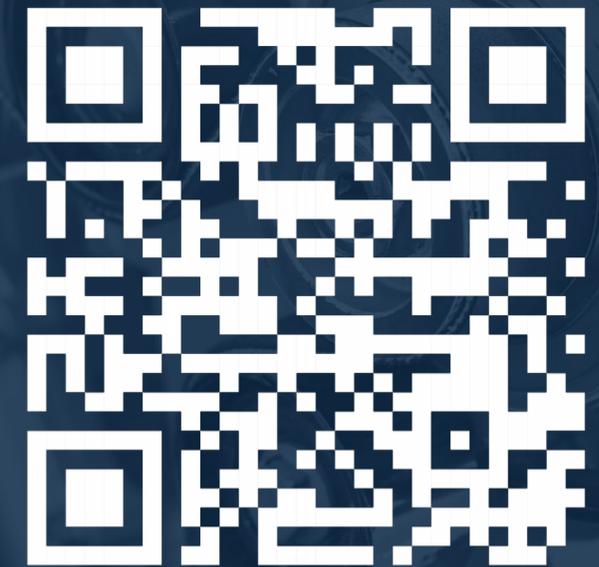


Endorsed SERI R2 Scheme



SERI R2 Scheme is JASANZ endorsed. Open for applications from CBs for accreditation to the scheme on Monday 22nd April 2024.

- Electronic waste and the circular economy
- Global Scheme
- Area of active government, industry and community concern
- Well-developed scheme and has a reasonable client base in several countries including Australia
- UN SDG's
- Meets our Statement of Corporate Intent



Scan to visit
SERI website.

R2 Scheme

- SERI is an ANSI accredited Standards Development Organisation and the Scheme Owner for the scheme.
- SERI R2 standard equivalent to AS 5377:2022.
- JASANZ published E-Waste Scheme AS/NZS 5377:2013 to be revised and transition to occur.
- Visit SERI website to learn more (<https://sustainableelectronics.org>)



Scan to visit
SERI website.

Certification Bodies (CBs)

CBs currently accredited to the E-Waste Scheme are encouraged to consider applying for accreditation to the SERI R2 Scheme with JASANZ or other SERI approved Accreditation Body.

- Other SERI approved accreditation bodies are offering accreditation services to the scheme.
- SERI must consider your application for accreditation first (with additional legal contract).
- Existing accreditation to E-Waste Scheme viewed favourably.
- Experienced CBs only.
- Understand your jurisdictional requirements.



Scan to view
SERI accredited
bodies.

Certified organisations and other in-scope organisations



Certificate holders to the E-Waste Scheme (AS/NZS 5377:2013 certification) are encouraged to also apply.

- One organisation already attained certification to both schemes.
- The scope of certification in AS/NZS 5377:2013 is one or more of:
 - a) collection and storage facilities,
 - b) recovery for reuse from end-of-life electrical and electronic equipment,
 - c) transportation,
 - d) treatment of end-of-life electrical and electronic equipment.
- R2v3 certification scope is applicable to R2 Process Requirements, including Appendices A-F (where applicable)



Scan to view
SERI accredited
bodies.



Certification scope statements for R2v3 processes in the SERI R2 Scheme



Terms for Processes/Activities	Applicable R2 Process Requirements for Certificate Purposes
Downstream Vendor Management	Appendix A – Downstream Recycling Chain
Logical Data Sanitization	Appendix B – Data Sanitization (Logical only)
Physical Data Destruction	Appendix B – Data Sanitization (Physical Only)
Logical and Physical Sanitization	Appendix B – Data Sanitization (Logical and Physical)
Testing	Appendix C – Test and Repair (Test Only)
Repairing	Appendix C – Test and Repair (Repair Only)
Testing and Repair	Appendix C – Test and Repair
Specialty Electronics Reuse	Appendix D – Specialty Electronics Reuse
Materials Recovery	Appendix E – Materials Recovery
Brokering	Appendix F – Brokering

In addition, IAF-Member accredited certification (*or application for certification*) to environmental, health and safety management (EHS) systems (and potentially ISO 9001), is a **precondition for attaining** R2v3 certification. Integrated audits to these are permitted.



Scan to view R2 certified facilities and their scope

How to apply

JASANZ accredited CABs (Scope Extension)

Shared CAB Resources – Existing Schemes – SERI R2 Scheme

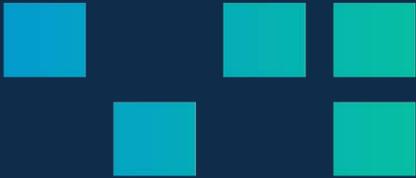
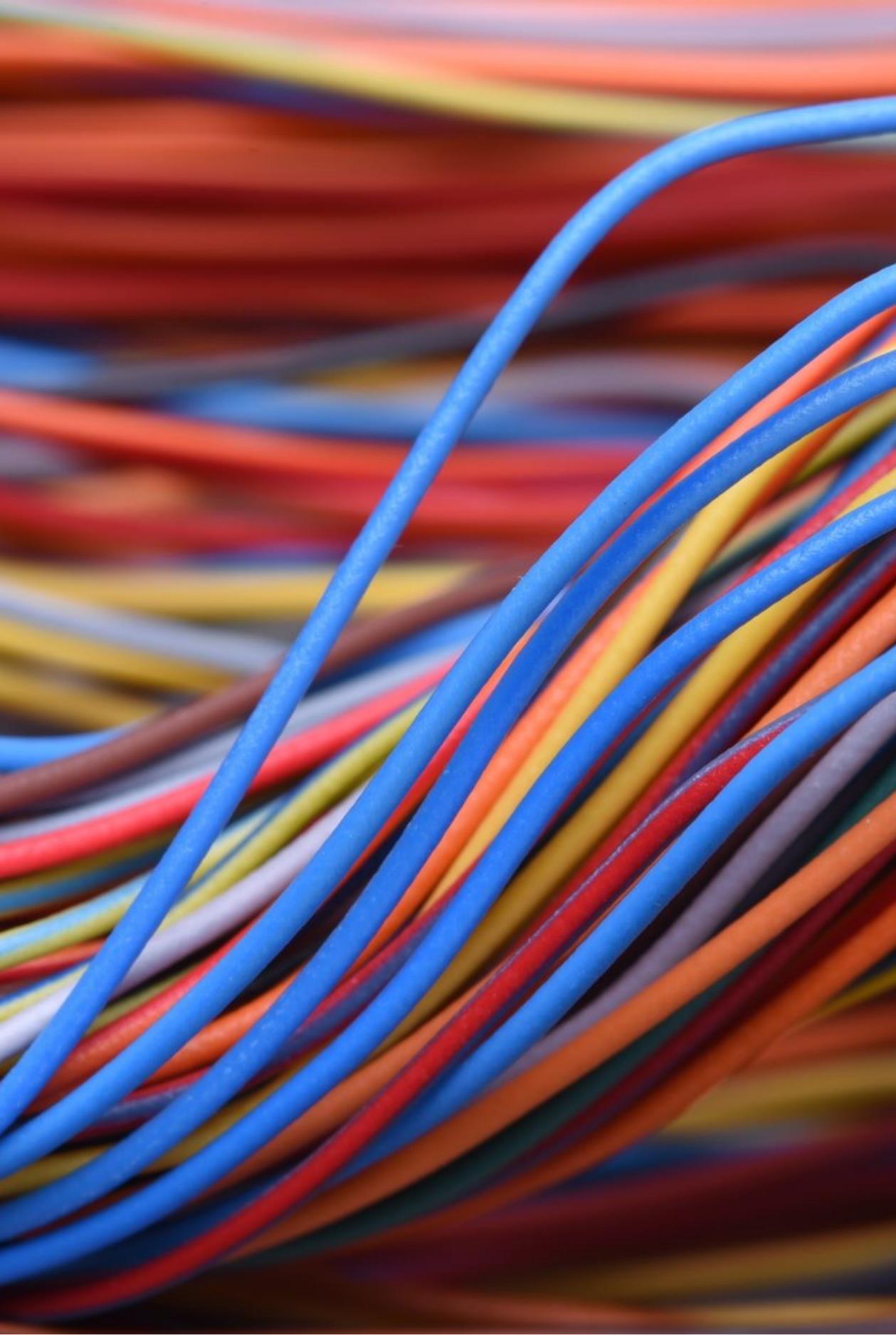
<https://cab.jasanz.org/WorkArea/52220/Lists/Schemes/AllItems.aspx>

Non-accredited JASANZ CABs (new application)

<https://www.jasanz.org/becoming-accredited>

SERI Slides





Questions?

Moderator

Jo Jenkins

(Technical Services Coordinator, JASANZ)

Panel

Matt Pitt

(Technical Manager – Operations, JASANZ)

Sherri Lehmann

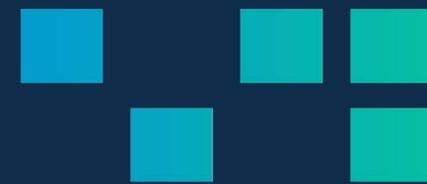
(Sector Manager – Sustainability & Environment, JASANZ)

Sharada Rao

(Director of Global Certification Programs, SERI)

Corey Dehmey

(Executive Director, SERI)



Thank you!

For more information, please visit:

<https://sustainableelectronics.org>

<https://www.jasanz.org/>

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