

Issue: 4 Volume: 1 2022 ISSN: 2652-7987 (Online) ISSN: 2652-7995 (Print)



THE BLUE PLANET

A MAGAZINE ON SUSTAINABILITY
TOWARDS KNOWLEDGE SHARING

Editorial

by

Dr. Alison-Jane Hunter
Dr Kuntal Goswami

Published by



Editorial

The Blue Planet is a multi-disciplinary magazine published by ACS DRI – Knowledge Press a publishing unit of the Australian Centre for Sustainable Development Research & Innovation (ACS DRI) – A Research Foundation

The magazine has both print (ISSN: 2652-7995) and online (ISSN: 2652-7987) versions. The magazine welcomes scholarly contributions in the form of articles and reports from both academics and professionals.

The objective of this magazine is to disseminate knowledge and to propagate dialogue on the sustainability agenda to a mass audience. The magazine accepts topic related to Sustainable Development Goals (SDGs), green innovation relating to SDG, the circular economy, public policy, green project, management, environmental science, and any other related topics.

In this edition, the magazine has eleven chapters covering a range of topics that contribute to the sustainable development agenda. The cover story introduces conceptual understanding of carbon accounting and sustainable finance. The article highlights that sustainable investment has grown by 55% between 2016 and 2020. Globally the cumulative value of sustainable investment is about \$35.3 trillion in 2020.

The article by Lotti Fraser and Duncan Power educates readers about how the multi-dimensional approach of Dana Asia helping marginal communities in the Philippines to fight poverty and plastic waste. Dr Ritu Bhati's action research grounded on the objectives of SDG-7, and provides a model on how to educate youth about energy conservation with an aim to bring about behavioural change among the younger generation.

Dr Jacob Deem provides insightful understanding of the power dynamic between government, citizen, and business, thereby educating on the level of freedoms and rights one can enjoy in a modern democracy. The collective authorship of Tarique Faiyaz, Dr Tari Vinaya Satyawati Savitri and Nabeela Siddiqui presents how India's National Green Tribunal made a legal intervention to curb the menace of pollution of the rivers Ganga and Yamuna.

Attaining holistic sustainability is an aspiration of all communities of the world. Dr Kuntal Goswami, Dr Kazi Islam, and Winton Evers jointly provide insightful comparisons of all major contemporary sustainability frameworks and highlight the extent of sustainability practices among major organisations across the world. Dr Steve Andrew explains how the "Lost Island Project" of Envirotech Education is empowering the Moreton Bay Island community to take environmental initiative into their own hands and create an accredited local environmental workforce

Subhomoy Bandyopadhyay presents a case study showing how a multi-national organisation's sustainable procurement objective is motivating its vendors to integrate and implement sustainability practices in its decision-making process and operation. In the article, Biofuels – The Renewable Energy Sector's Sleeping Giant Andrew Ly argues that biofuels are generally made relatively easily from waste or by-products, thereby eliminating the need for ecosystem-destruction due to open-cast mining or drilling kilometres into the Earth's crust for oil.

Mark Parnell, the ex-Green Senator of South Australia provides his reflection as a retired environmental lawyer and member of parliament, on the erosion of public participation rights.

The final chapter is a photo-infographic series complementary to ACSDRI's #biodiversitymatters campaign. In this edition, the theme highlights the interlinkage between climate change and biodiversity loss.

The magazine also illustrates nature photography to promote LOVE for NATURE. In 2022, ACSDRI conducted the #biodiversitymatters Nature photography contest, in association with VIBGYOR and GECCI. In addition, some generous photographers also gifted, or the magazine acquired high quality nature photography.

The contributors of the I LOVE NATURE – Photography Series are as follows:

- ∅ Mark Freed.
- ∅ Alankar Chandra.
- ∅ Umar Belo Galadima.
- ∅ Enam Elahe Mullick.
- ∅ Mark Parnell.
- ∅ Sateja Rajwade.
- ∅ Dr. Veena Sagar.
- ∅ Vinod Shalivahana.
- ∅ Jayesh Bhanushali.
- ∅ Arvind Ahir.
- ∅ Jayesh Bhanushali.
- ∅ Bhaskar Nandi.
- ∅ Rupesh Chindarkar.
- ∅ Ketan Talati.
- ∅ Srinivas Mallela.
- ∅ Sourav Mahant.
- ∅ Sagar Shinde.
- ∅ Ashok Manjanath.
- ∅ S.V.S Rao.
- ∅ Devi Prasad Rao

- ∅ Kakuloor Rohith Sai Goud.
- ∅ Ashish Makani.
- ∅ Ashok Manjanath
- ∅ Rupam Bose.
- ∅ Nivetha R. S.
- ∅ Dr Steve Andrews.
- ∅ Ravindranath Srinath Amingad.
- ∅ Dr Kuntal Goswami.
- ∅ Sivarajan S.
- ∅ Hamukuwa Daisy.

We also take this opportunity to thank **Mr Indranil Mukherjee** from VIBGYOR – Photography & Videography (www.infovibgyor.com) and **Abdul Hamid Tahir Hamid** from GECCI - for their support and contribution. ACSDRI would also like to thank and acknowledge **Kishan Chaniyara, BITNET Infotech and Arjun Tonaccao**, for the graphic design of this magazine.

Contact: **BITNET Infotech**, www.bitnetinfotech.com, **Arjun Tonaccao**: tonaccaoarjun.myportfolio.com/

Co-editors of the magazine:

- ∅ **Dr. Alison-Jane Hunter**
- ∅ **Dr Kuntal Goswami**

For future publications and collaboration, please contact:

Dr. Kuntal Goswami -Founder of ACSDRI & Co-editor of The Blue Planet – Magazine

Registered Climate Active Consultant
IPA – Certified IPA Public Accountant
Registered Tax Accountant & ASIC Agent.

A Joint PhD (Australian National University-Charles Darwin University), Australia
E-mail: kuntal@acsdri.com;
M: +61401646872 www.acsdri.com;

FINALIST OF 2022

ACSDRI NATURE PHOTOGRAPHY CONTEST
IN ASSOCIATION WITH GECCL AND VIBGYOR



Photography by
Bhaskar Nandi



Photography by
Sateja Rajwade



Photography by
S.V.S RAO



Photography by
Ashok Manjanath

I♥NATURE
PHOTOGRAPHY SERIES

Powered by



FINALIST OF 2022

ACSDRI NATURE PHOTOGRAPHY CONTEST



Photography by
Srinivas Mallela



Photography by
Sagar Shinde

I♥NATURE
PHOTOGRAPHY SERIES

Powered By



Photography by
Kaian Talati

FINALIST OF 2022

ACSDRI NATURE PHOTOGRAPHY CONTEST



Photography by
Arvind Ahir



Photography by
Jayesh O Bhanushali



Photography by
Sateja Rajwade

I ♥ NATURE
PHOTOGRAPHY SERIES

Powered by



VIBGYOR
www.infovibgyor.com

FINALIST OF 2022

ACSDRI NATURE PHOTOGRAPHY CONTEST



I ♥ NATURE
PHOTOGRAPHY SERIES

Powered by



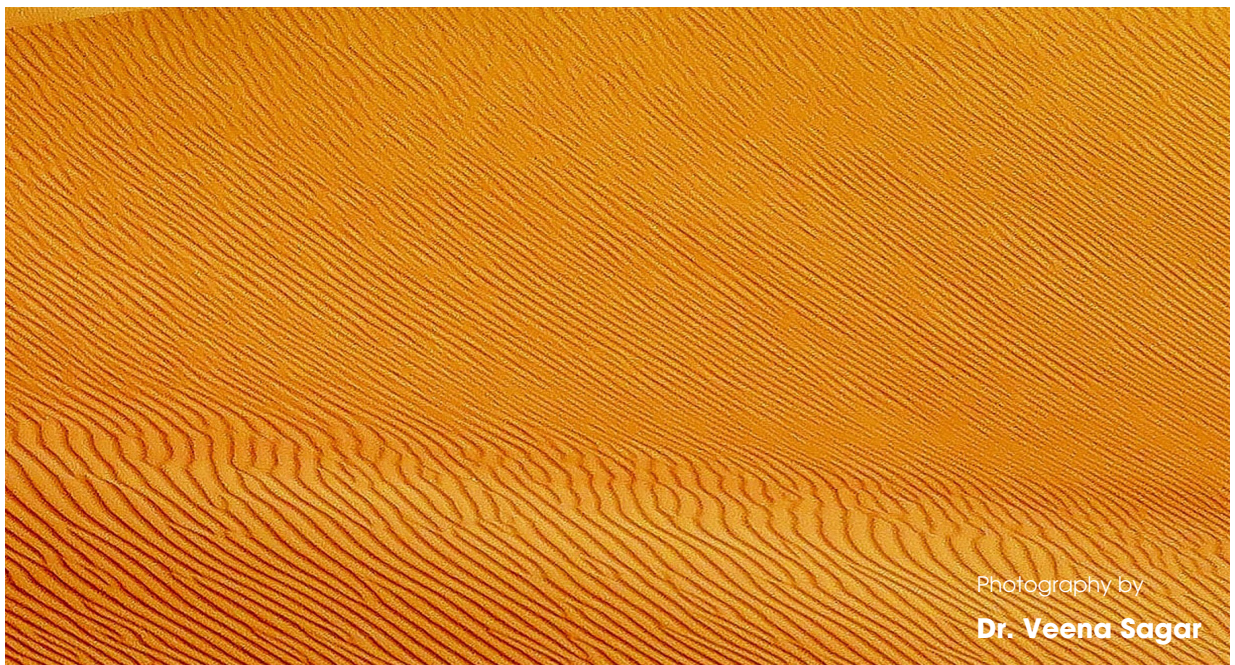

VIBGYOR
www.infovibgyor.com

FINALIST OF 2022

ACSDRI NATURE PHOTOGRAPHY CONTEST



Photography by
Dr. Veena Sagar



Photography by
Dr. Veena Sagar

I♥NATURE
PHOTOGRAPHY SERIES

Powered by



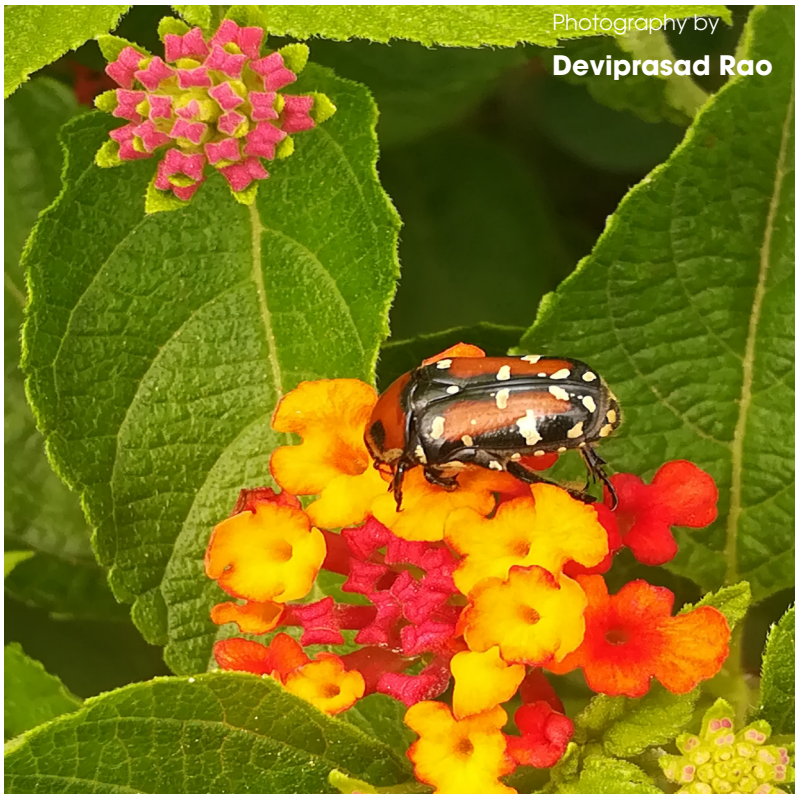
VIBGYOR
www.infovibgyor.com

FINALIST OF 2022

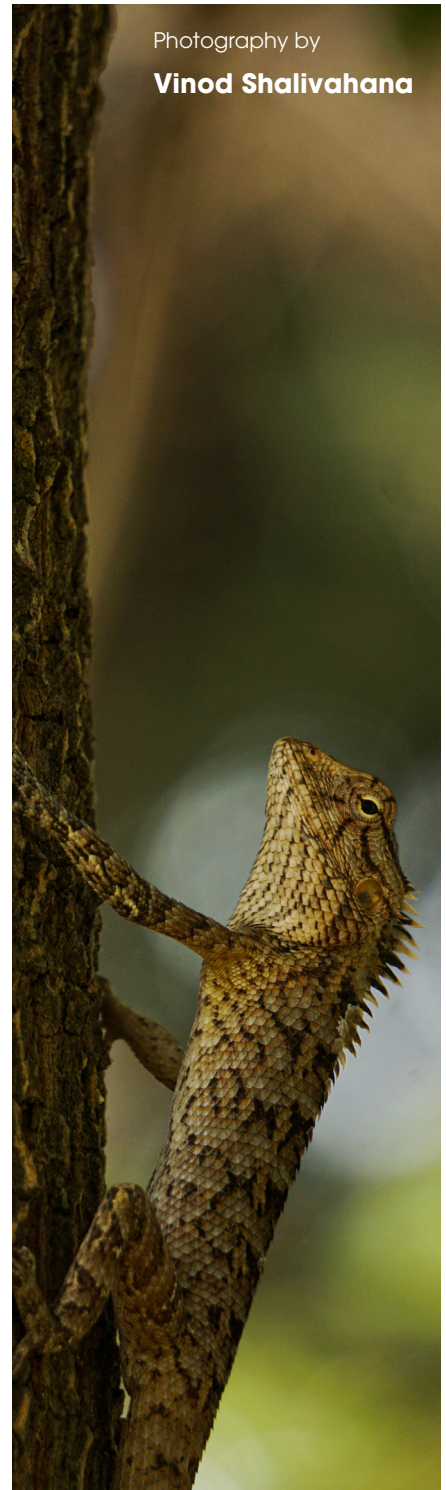
ACSDRI NATURE PHOTOGRAPHY CONTEST



Photography by
Deviprasad Rao



Photography by
Deviprasad Rao



Photography by
Vinod Shalivahana

I ♥ NATURE
PHOTOGRAPHY SERIES

Powered by



VIBGYOR
www.infovibgyor.com

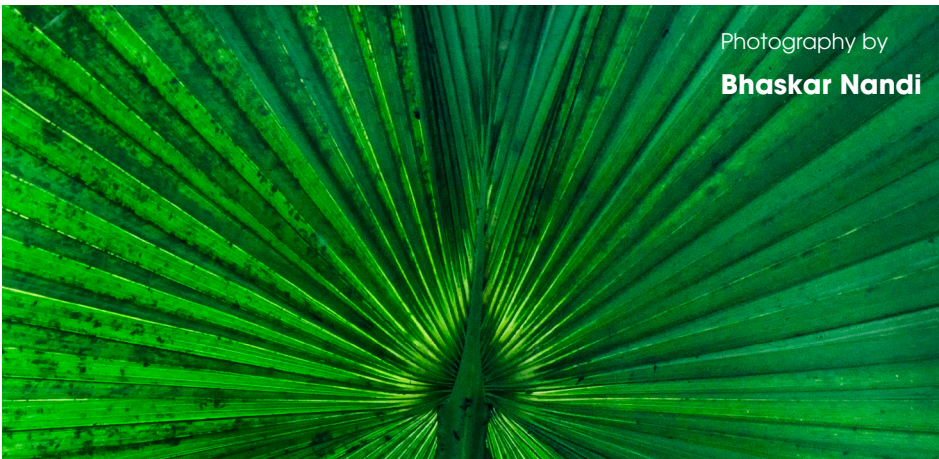
FINALIST OF 2022

ACSDRI NATURE PHOTOGRAPHY CONTEST

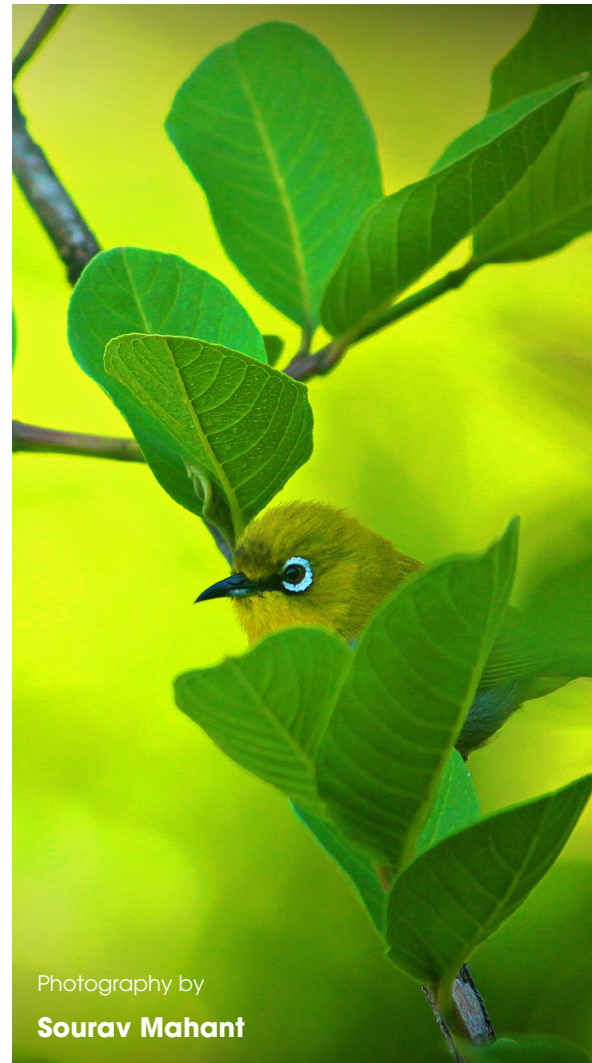
Photography by
Bhaskar Nandi



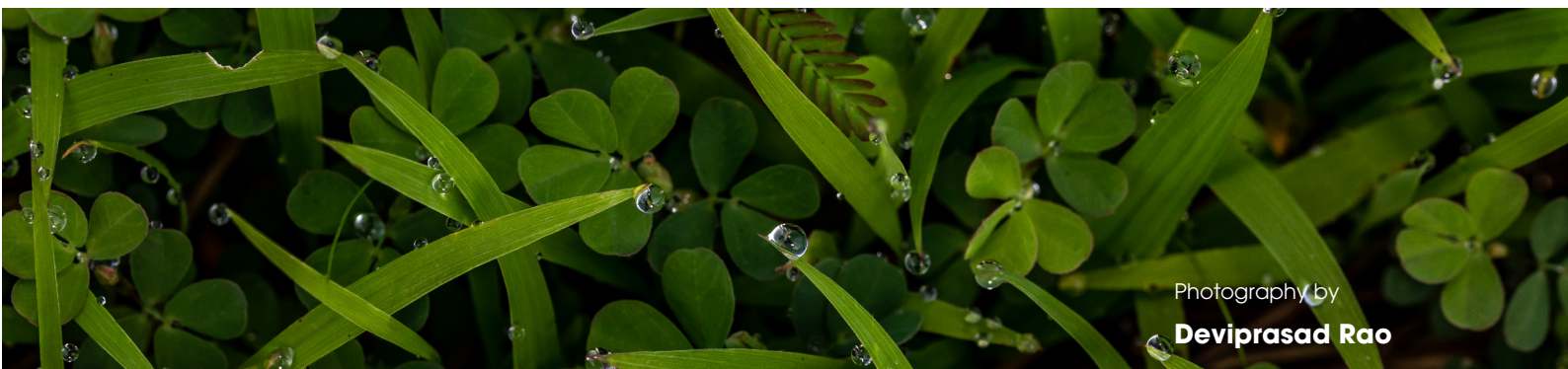
Photography by
Bhaskar Nandi



Photography by
Sourav Mahant



Photography by
Deviprasad Rao



I ♥ NATURE
PHOTOGRAPHY SERIES

Powered by



VIBGYOR
www.infovibgyor.com

FINALIST OF 2022

ACSDRI NATURE PHOTOGRAPHY CONTEST



Photography by
Rupesh Chindarkar



Photography by
Ashok Manjanath



Photography by
Ashok Manjanath

I ♥ NATURE
PHOTOGRAPHY SERIES

Powered by



VIBGYOR
www.infovibgyor.com

FINALIST OF 2022

ACSDRI NATURE PHOTOGRAPHY CONTEST



Photography by
Umar Belo Galadima



Photography by
Umar Belo Galadima

I ♥ NATURE
PHOTOGRAPHY SERIES

Powered by



VIBGYOR
www.infovibgyor.com

FINALIST OF 2022

ACSDRI NATURE PHOTOGRAPHY CONTEST

Photography by
Sateja Rajwade



I ♥ NATURE
PHOTOGRAPHY SERIES

Powered By



Photography by
Jayesh O Bhanushali



**AUSTRALIAN
CENTER FOR SUSTAINABLE DEVELOPMENT
RESEARCH & INNOVATION**

ABOUT US

The Australian Centre for Sustainable Development Research & Innovation (ACSDRI) is a not-for-profit research foundation with a key objective to promote research and education focusing on seventeen global Sustainable Development Goals

OUR MISSION

To advocate for how to live within the ecological limits of this BLUE PLANET – Our ONLY Home.

We publish research articles, books, and scholarly articles in our multi-disciplinary magazine–THE BLUE PLANET.

Our ongoing flagship campaign #biodiversitymatters raises awareness to protect, conserve and enhance the natural environment.

We also regularly conduct research seminars and conferences on various sustainability topics to promote ecologically sustainable development values and principles.

Key highlights of our activities in 2022

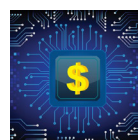
- ∅ Publication of the book - *The Hidden Successes of Three Sustainability Policies – Evidence from Three Australian States*. Published by ACSDRI- Knowledge Press. Visit: <https://acsdri.com/the-hidden-successes-of-three-sustainability-policies/>

- ∅ Conducted the #biodiversitymatters Nature Photography Contest in association with VIBGYOR and GECCI.

- ∅ We have conducted a public seminar, titled “**Green Innovation & Sustainable Business Model- Pathway to Sustainable Development Goals**”, in association with EcoProfit, the Conservation Council SA, Carbon Neutral Adelaide and Accounting & Business Care.



Conservation
Council SA



**Accounting & Business
CARE**

Learning from 2022 Annual Seminar

Topic: Green Innovation & Sustainable Business Model- Pathway to Sustainable Development Goals

In the seminar **Darren Lutze**, CEO of Inconmat (www.inconmat.com.au) showcased **INNOVATION FOR SUSTAINABILITY** in the construction and infrastructure industry. He mentioned that corrosion of steel reinforcement is one of the biggest problems in the construction industry.

It is estimated that Australia incurs about AU\$ 13 billion per year to repair or replace existing infrastructure due to corrosion of steel reinforcement.

The risk of corrosion is likely to be aggravated further due to climate change.

Darren Lutze educated the audience about Fibre Reinforced Polymer (FRP) Bars and Geopolymer Concrete, which are a couple of innovations in the construction and infrastructure industry.



Glimpses of the seminar



We also had a four-member **panel discussion** on Green Innovation & Sustainable Business Model moderated by **Matthew Wright-Simon**. The panel members were **Allys Todd** (ValAI www.valai.com.au), **Fiona Hancock** (EY www.ey.com), **Jacob Pickering** (Bourkehood www.bourkehood.com), and **Associate Professor Ashish Malik** (University of Newcastle www.newcastle.edu.au).

All panel members put forward their intellectual arguments on how we can advance the Green Innovation & Sustainable Business Model – Pathway to Sustainable Development Goals.

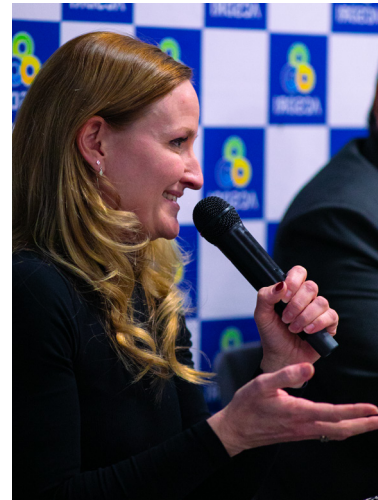


Allys Todd advocated to encourage the spirit of start-up and innovators because they are self-motivated, nimble, flexible, new, lacks the burden of experience, and, most importantly, are not averse to risk and failure. Hence, large corporates need to support multiple start-ups and innovators to create an ecosystem of green innovators.

Fiona Hancock highlighted the lack of policy certainty in the area of sustainability over the past decade or so. She mentioned that there is a need for more finance options to fund the sustainability agenda. Fiona also urged more transparency, disclosure, and standardisation of sustainability reporting frameworks.

Jacob Pickering explained about innovation funding and tax incentive for R & D. Jacob elaborated on what constitutes R & D. It is not necessarily one needs to build a spacecraft or to invent a new drug to constitute R & D. It can be as simple as a company creating a new way to handle their waste products, or a new way to save costs. R & D incentive is designed to help businesses to undertake this challenging work.

Associate Professor Ashish Malik educated the audience on how to bring about "Societal policy change" in general and in the context of how to move away from

Alls Todd**Jacob Pickering****Fiona Hancock**

the business-as-usual situation towards sustainability. Assoc. Prof. Ashish mentioned that, in general, we need to address three key stakeholders to bring about any societal change academia, industry, and government – which make a triple helix structure.

We also need to figure out how to make these three stakeholders work together. The issue is often these stakeholders cannot decode each other's communication.

As a solution, Assoc. Prof Malik elaborated about a theoretical term called the "Quadruple Helix", which means creating a community of practice or facilitators. These fourth-dimension groups can engage with the community to create a network and a sense of trust so that people can work together.

The full video can be accessed from the link below

<https://www.youtube.com/watch?v=rCBbFNs1zEs&t=1588s>

**Associate Professor Ashish Malik****Panel Discussion Moderator:
Matthew Wright-Simon**

We also had the opportunity to listen to **Councillor Franz Knoll**, City of Adelaide and **Craig Wilkins**, Conservation Council of South Australia, **Mark Parnell**, Ex-Senator of Parliament of South Australia, and **Winton Evers**, EcoProfit.



Councillor Franz Knoll



Craig Wilkins



Winton Evers

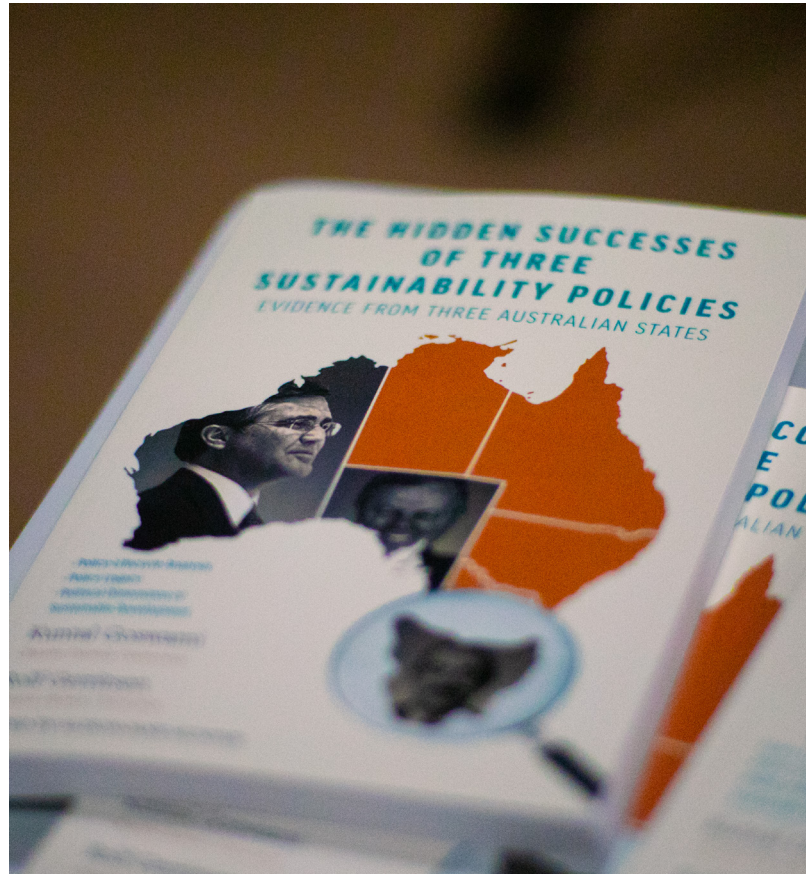


Mark parnell



Dr. Kuntal Goswami

Glimpses of the Seminar



Glimpses of the Seminar

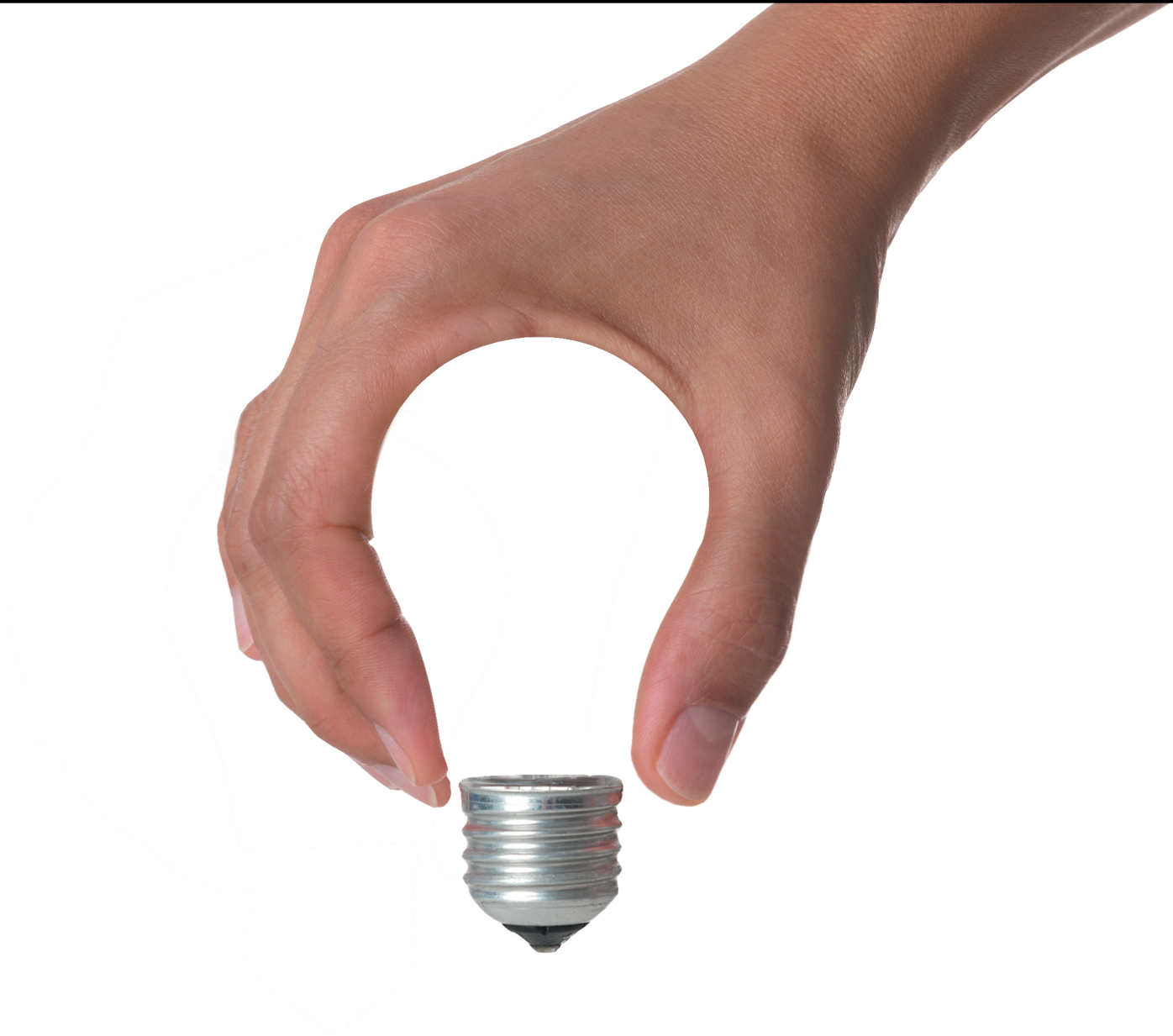


Glimpses of the Seminar



Glimpses of the Seminar





Give your ideas form.

Nothing beats the presence of a
professionally designed & printed book

Green Hill is an Australian publisher of academic titles
with capability in postdoctoral publications.

greenhillpublishing.com.au





Accounting & Business

CARE

CLIMATE CHANGE IS REAL

**2030 Emission REDUCTION Target
is NOT FAR Away**



Let's be a CARBON NEUTRAL BUSINESS
We are a Registered CLIMATE ACTIVE Consultant

CALL US FOR CONSULTATION: +61401646872 www.accountingbusinesscare.com.au



Tax agent
25996938



BAS agent
25926392



Tax agent
25931866



INSTITUTE OF
PUBLIC
ACCOUNTANTS*



ASIC

Registered Agent
NUMBER 42798



Accounting & Business

CARE



CALL US FOR CONSULTATION
+61401646872

www.accountingbusinesscare.com.au



Tax agent
25996938



BAS agent
25926392



Tax agent
25931866



ASIC

Registered Agent
NUMBER 42798

We will optimise your



EFFICIENCY

OUR SERVICES

BAS & Income Tax Lodgement
Bookkeeping & Accounting Services
Company Formation
Training & Development
Carbon Neutral Consultancy
Climate Active Registration



Enpro Envirotech

Your One Stop

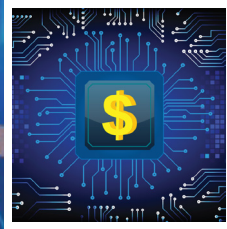
Innovative Environmental Solutions

Our Services & Solutions:

- **Solid Waste Management.**
- **Innovative Waste Management.**
- **Water Quality Management.**
- **Waste To Energy.**
- **Energy Efficiency Solutions.**
- **Sustainability & Carbon Footprint Reduction.**
- **Road To Circular Economy.**
- **Sustainable Environment Management Workshops & Training.**

Call us: +61415351012

Visit : www.enproenvirotech.com



Accounting & Business

CARE

%

TAXES

**END OF FINANCIAL YEAR
LET'S FILE ALL TAXES**

FOR INDIVIDUAL, COMPANY & TRUST

CALL US FOR CONSULTATION : +61401646872
www.accountingbusinesscare.com.au



Tax agent
25996938



BAS agent
25926392



Tax agent
25931866



INSTITUTE OF
PUBLIC
ACCOUNTANTS*



ASIC

Registered Agent
NUMBER 42798

#biodiversitymatters

I ♥ NATURE

PHOTOGRAPHY SERIES



Photography by
Alankar Chandra

#biodiversitymatters

I ♥ NATURE

PHOTOGRAPHY SERIES



Photography by
Alankar Chandra

