



Young Persons' Plan for the Planet Program

Volunteering to address the UN SDG Challenges & Opportunities

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PHD Candidate, Australian National University



Acknowledgement to Country

Caring for Country for over 65,000 years, Australia's Indigenous peoples have set an example not only for our nation, but also for our planet.

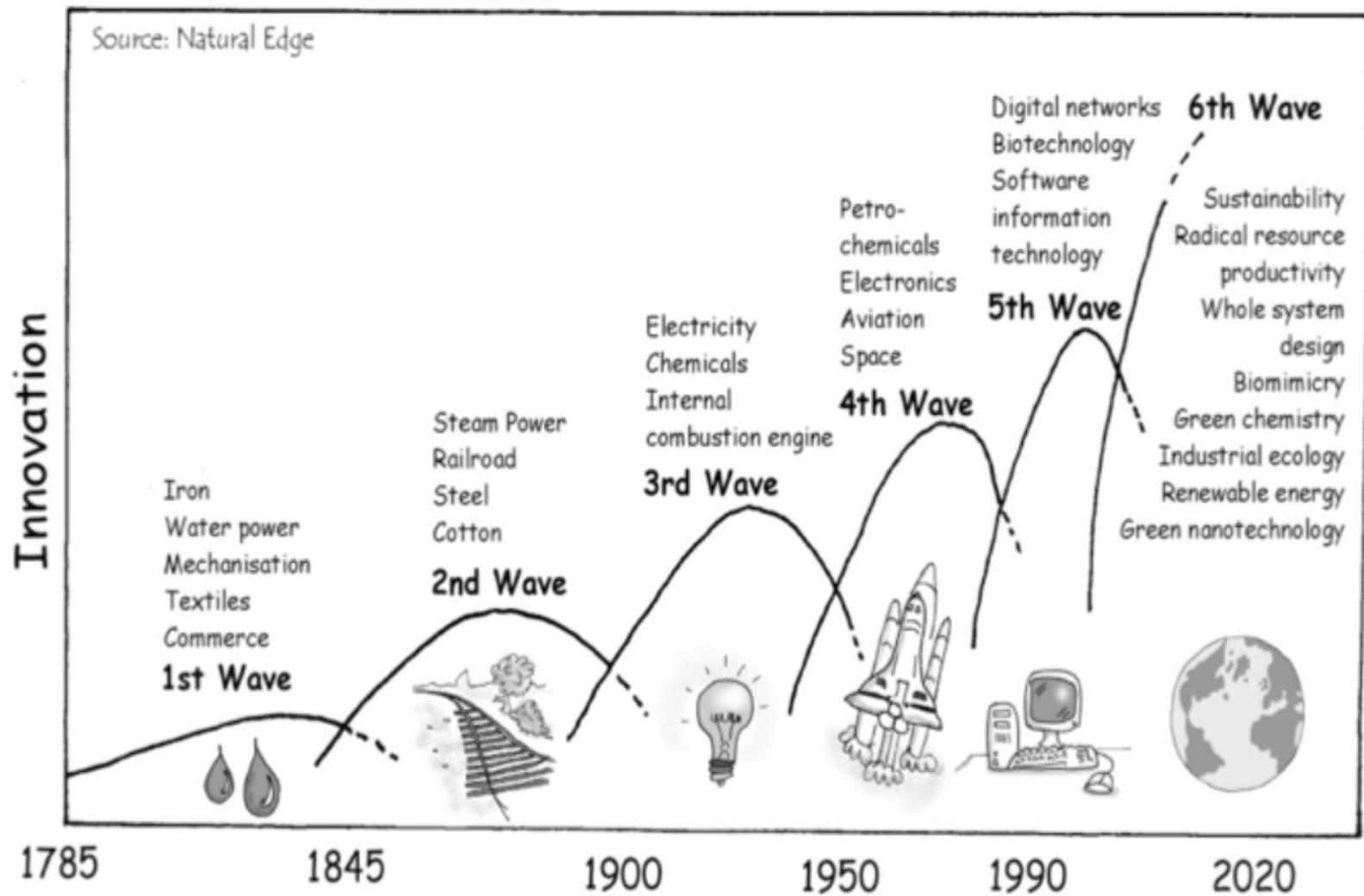
We acknowledge Australia's traditional owners and custodians of country, the Aboriginal and Torres Strait Islander peoples - the first innovators and carers of this land.

We especially recognise the Elders of tomorrow - they are the future of this earth. Let us all join together to respect and acknowledge all First Nations so that we may walk forward together.

Care for Planet







... we have an opportunity ...

No
Poverty

No
Hunger

Good
Health

Quality
Education

Gender
Equality

Clean Water
and Sanitation

Renewable
Energy

Good Jobs and
Economic Growth

Innovation and
Infrastructure

Reduced
Inequalities

Cities
and Communities

Responsible
Consumption

Climate
Action

Below
Basis Level

Life on
Land

Peace
and Justice

Partnerships
for the Goals

ANU Research (2018)

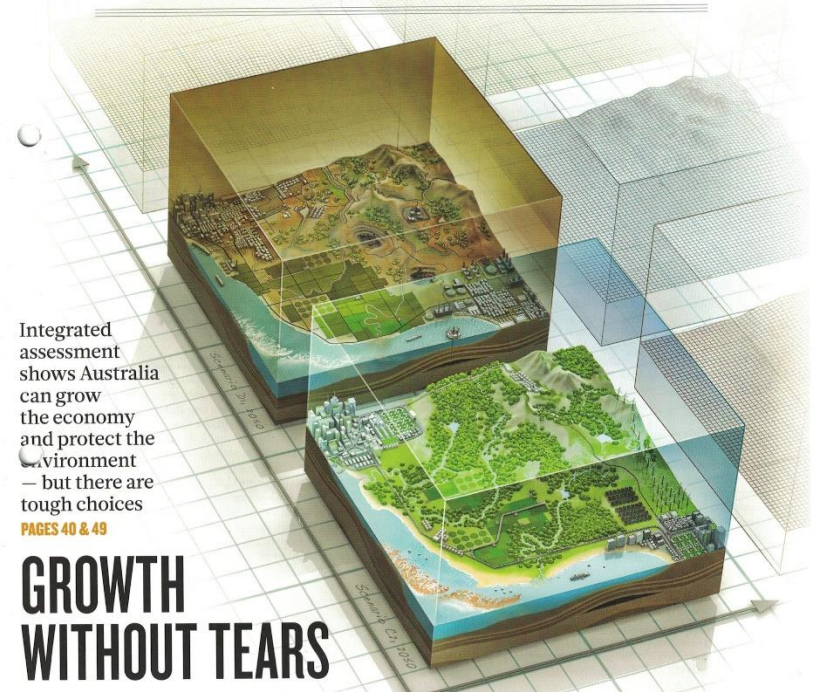
Realising only 10% of the identified opportunities for Sustainable Prosperity in northern Australia would contribute an incremental (p.a.)

- AUD \$15 Billion
- 15,000 jobs
- + social and ecological benefits

nature

THE INTERNATIONAL WEEKLY JOURNAL OF SCIENCE

OUTLOOK
Big data



Integrated assessment shows Australia can grow the economy and protect the environment — but there are tough choices

PAGES 40 & 49

GROWTH WITHOUT TEARS

AMERICAN PREHISTORY

MESA VERDE MYSTERY

Why Ancestral Puebloans left their cosy caves

PAGE 26

SOCIETY

HEALTHY DATA USE

Leverage personal information for all

PAGES 31 & 33

SOFTWARE

KNOWLEDGE YOU CAN USE

The joy of digital reference management

PAGE 123

NATURE.COM/NATURE
5 November 2015



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**A Vision for
Australia in 2050:
Community Well-
Being:
A balance of
Economic, Ecological
and Social
Development**





Challenges

- Climate Change
- Food Production
- Species Loss
- Population
- Consumption
- Sustainable Energy
- Speed: Shuffling towards Sustainability



Opportunities

- The UN SDG Blueprint
- The 'Bigger Pie'
- Energy / Agriculture / Finance / Technology
- Youth Leadership, Innovation & Entrepreneurship
- 'Mind Set' Shift

Sustainable Prosperity will require achieving a coordinated balance between leveraging the opportunities and successfully addressing the challenges

No
Poverty

No
Hunger

Good
Health

Quality
Education

Gender
Equality

Water
Sanitation

Affordable
Clean Energy

Economic
Growth

Industry and
Innovation

Reduced
Inequalities

Cities and
Human Settlements

Climate
Action

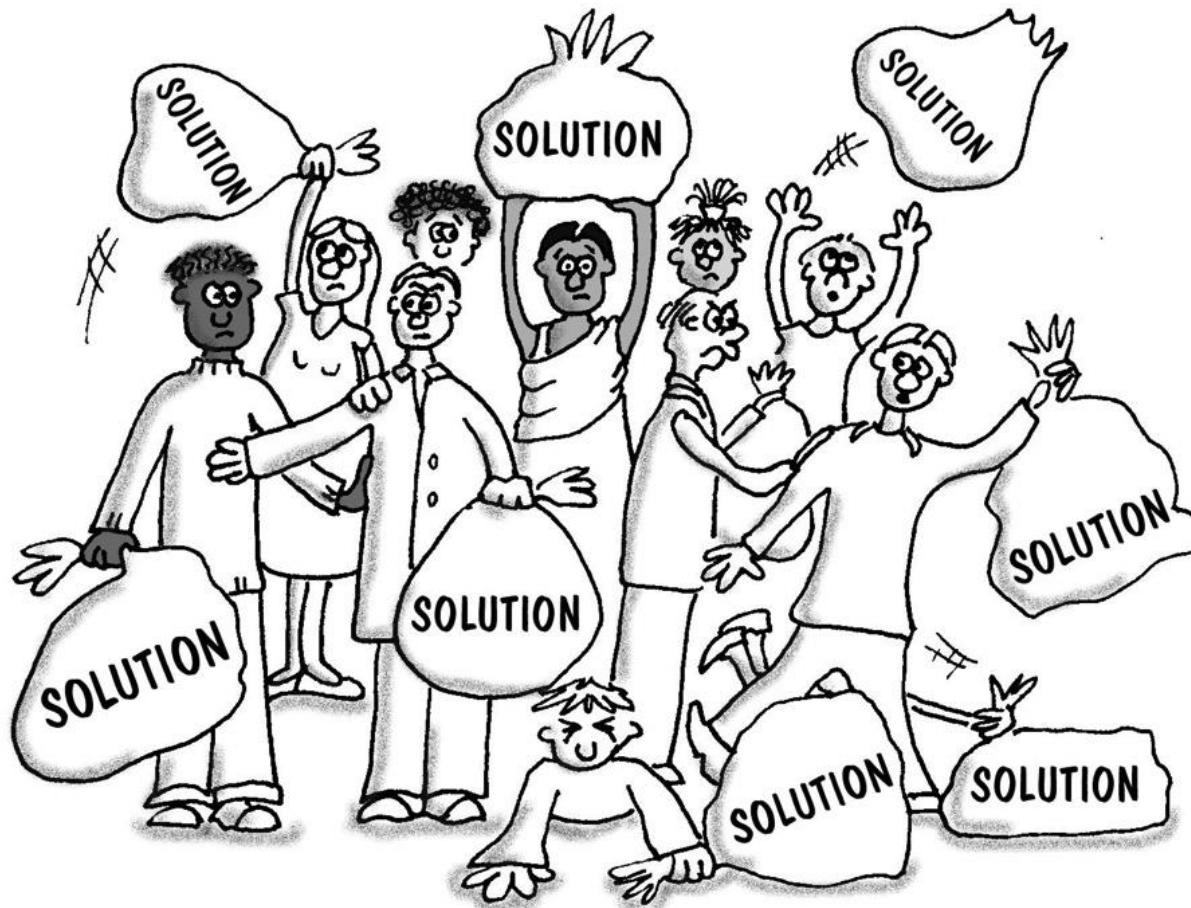
Life on
Land

Life on
Land

Life on
Land

Peace
and Justice

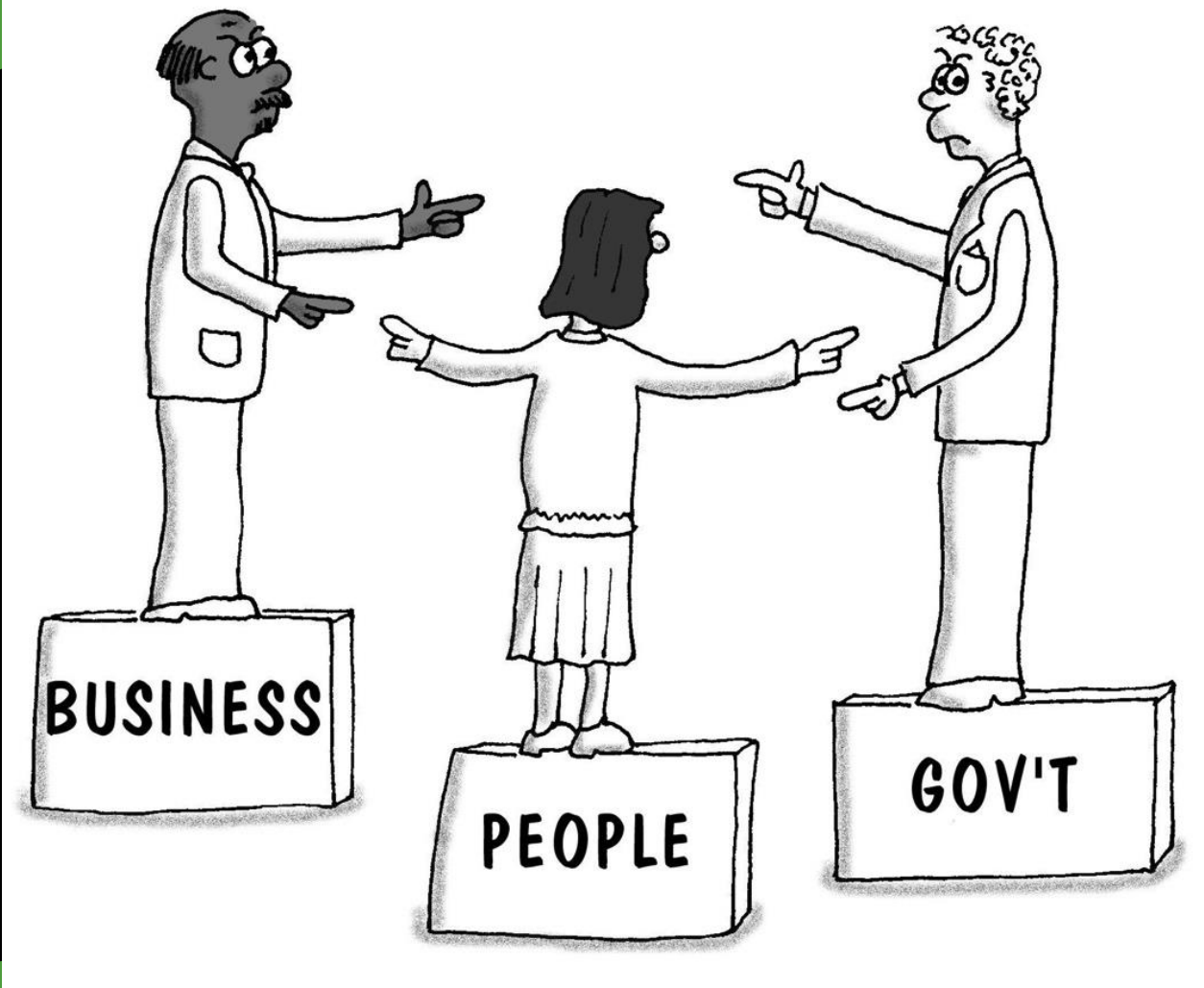
Partnerships
for the Goals



and ... we have another problem ...



No Poverty
No Hunger
Good Health
Quality Education
Gender Equality
Clean Water and Sanitation
Renewable Energy
Good Jobs and Economic Growth
Innovation and Infrastructure
Reduced Inequalities
Inhabitable Cities and Communities
Responsible Consumption
Climate Action
Life Below Water
Life on Land
Peace and Justice
Partnerships for the Goals



- No Poverty
- No Hunger
- Good Health
- Quality Education
- Gender Equality
- Clean Water and Sanitation
- Renewable Energy
- Good Jobs and Economic Growth
- Innovation and Infrastructure
- Reduced Inequalities
- Sustainable Cities and Communities
- Responsible Consumption
- Climate Action
- Life Below Water
- Life on Land
- Peace and Justice
- Partnerships for the Goals



SUSTAINABLE DEVELOPMENT GOALS

- Icon of four people
- Icon of a bowl of food
- Icon of a heart with a pulse line
- Icon of an open book
- Icon of a female symbol
- Icon of a water tap
- Icon of a sun
- Icon of a bar chart
- Icon of three cubes
- Icon of a circle with an equals sign
- Icon of a city skyline
- Icon of an infinity symbol
- Icon of an eye with a globe inside
- Icon of a fish
- Icon of a tree and a leaf
- Icon of a dove
- Icon of a flower



Engaging, Connecting and Empowering Youth
to deliver the



<https://www.planfortheplanet.org.au>





***"I was worried about the future
but I didn't have a voice.***

***Now I have a voice. Teenagers are undervalued
in what we can actually do
and the impact we can have..."***

Harry Tunks, New Town High School, Tasmania

Australian Parliament August 2017 – Harry's story

SUSTAINABLE DEVELOPMENT GOALS

Gender Equality

Clean Water and Sanitation

Renewable Energy

Good Jobs and Economic Growth

Innovation and Infrastructure

Reduced Inequalities

Sustainable Cities and Communities

Climate Action

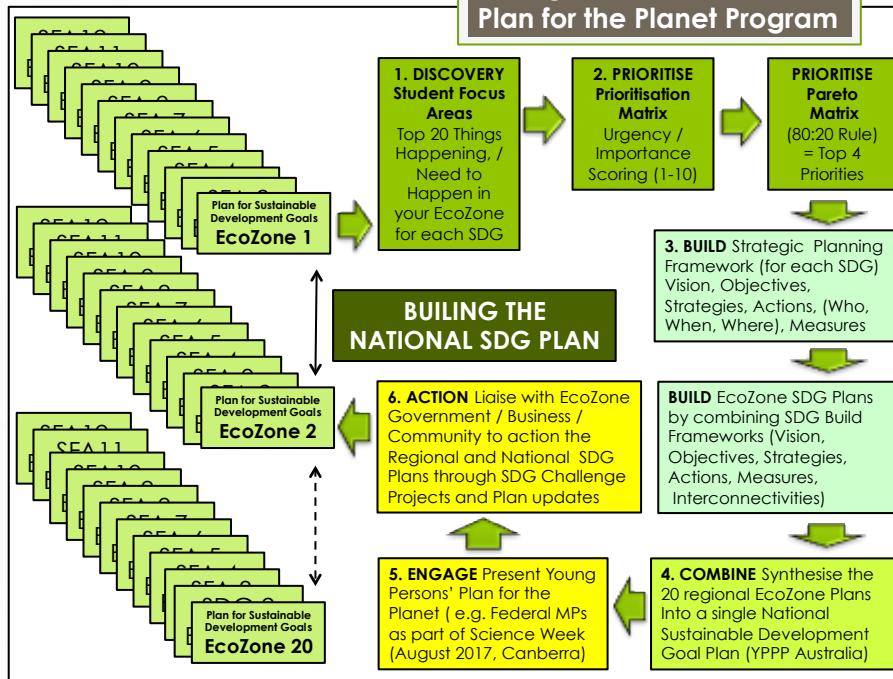
Life on Land

Peace and Justice

Partnerships

Young Persons' Plan for the Planet Program

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Young Persons' Plan for the Planet Program

TABLE 5: DISCOVERY SUMMARY FORM

Student Name	School/EcoZone	Urgency (1-10)	Importance (1-10)	Total (20-20)
Student Name	School/EcoZone			
1				
2				
3				
4				
5				
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18				
19				
20				

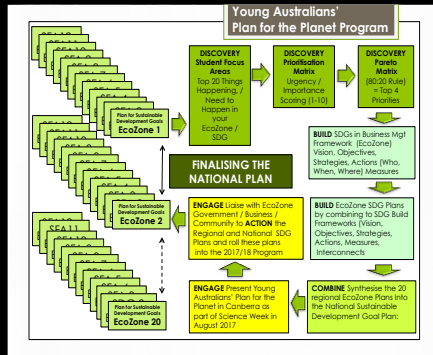
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TABLE 8: BUILD SUMMARY FORM

Name	EcoZone	SDG
SDG/Vision		
Focus Areas (Top 4 from your SDG)	Objective (What are we aiming to achieve?)	Strategies (How are we going to achieve this?)
	Actions (What do we have to do to achieve this?)	Outcomes/Measures (What are the results we want to achieve and how can we measure these?)
1.0	1.00	1.1.00
1.0	2.00	2.1.00
1.0	3.00	3.1.00
1.0	4.00	4.1.00

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YPPP Program Skills

- Sustainable Development Goals
- STEM Skills

Science, Technology, Engineering, Mathematics

- Research & Evaluation

SDG Awareness, Research and Understanding

- Challenge Based Learning
- Strategic Planning

Strategic and Business Management Skills and Business Acumen

- Global Citizenship (UNESCO)

Analytical, Globally Connected, Respect Cultures and Diversity, Socially Responsible and Engagement Skills

- SDG Challenge Project Development and Implementation

Balancing of the Planet and Crowd Funding





The Plan: 4. Quality Education



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Plan for the Planet

SDG Vision: Education is the most important investment in our future.

Focus Areas	Objectives	Strategies	Actions	Outcomes/Measures	SDG
Top 4 from across Australia					

i. All Australian students are bilingual.

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The Plan: 4. Quality Education



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Plan for the Planet

SDG Vision - QUALITY EDUCATION

Focus Areas
(Top 4 from your Focus Area / SDG)



The Plan: 4. Quality Education



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Plan for the Planet

ii. More opportunities and better facilities in schools.

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i. Providing a more relevant curriculum

ii. Students under sustainability

Marcia Dawson		EcoZone 4		Global Education	
Vision: Everyone in Darwin should have an equal access to schools across Darwin. Education should also be viewed more broadly, as not all students 'fit' into the main school education system.					
Focus Areas	Objective	Strategies	Actions	Outcomes / Measures	SDG Interconnects
i. Educating people on how to enter the workforce.	1.0 To gain more people in the workforce.	1.1 To educate people on how to get a job.	1.1.1 The government to run the 'Get that Job' program in local high schools 1.1.2 Workshops held regularly at the Casuarina library to help people prepare for interviews, write resumes or find work.	Look at employment rate statistics for Darwin.	Economic Sustainability Poverty
ii. More options for affordable university attendance	2.0 To invest in and place more students into universities.	2.1 More advertisements on course fees and if they have reduced.	2.1.1 To make advertisements, emails to interested students and brief talks to future university students who are still in high school about fees and benefits of having a degree. 2.1.2 Government support to fund more university scholarships in Darwin.	We will have an increase in students who attend universities, shown in enrolments.	Economic Sustainability Reduced Inequality
iii. Recognition of students who can't learn in a classroom	3.0 To recognise students who struggle to learn in a typical classroom environment and find a suitable form of education which addressed their needs.	3.1 Gain support of local schools and Department of Education to help teachers recognise which students are not benefiting from 'normal' classroom instruction and provide the students with an alternative to engage them in learning (non-curricular life skills).	3.1.1 Teachers to assess student needs and schools to provide other options that suits a range of learning styles. 3.1.2 Have more learning facilities that have a different curriculum suited to those who struggle in mainstream schools.	See an increase in school attendance. Collect data on number of schools catering to the learning needs of students.	Poverty Health and Well-being Sustainable Cities and Communities
iv. A wider range of University/Tertiary courses	4.0 Increase number of people who seek further education after high school.	4.1 Educate high school students about what universities offer which courses (e.g. career advisors).	4.1.1 Have teachers educate students on what courses are available at what universities. 4.1.2 Have university representatives talk to students about university.	An increase in university enrolments.	Economic Sustainability Poverty Sustainable Cities and Communities

The Mauritius Commercial Bank Ltd

Vision: Everyday, we will help make something happen

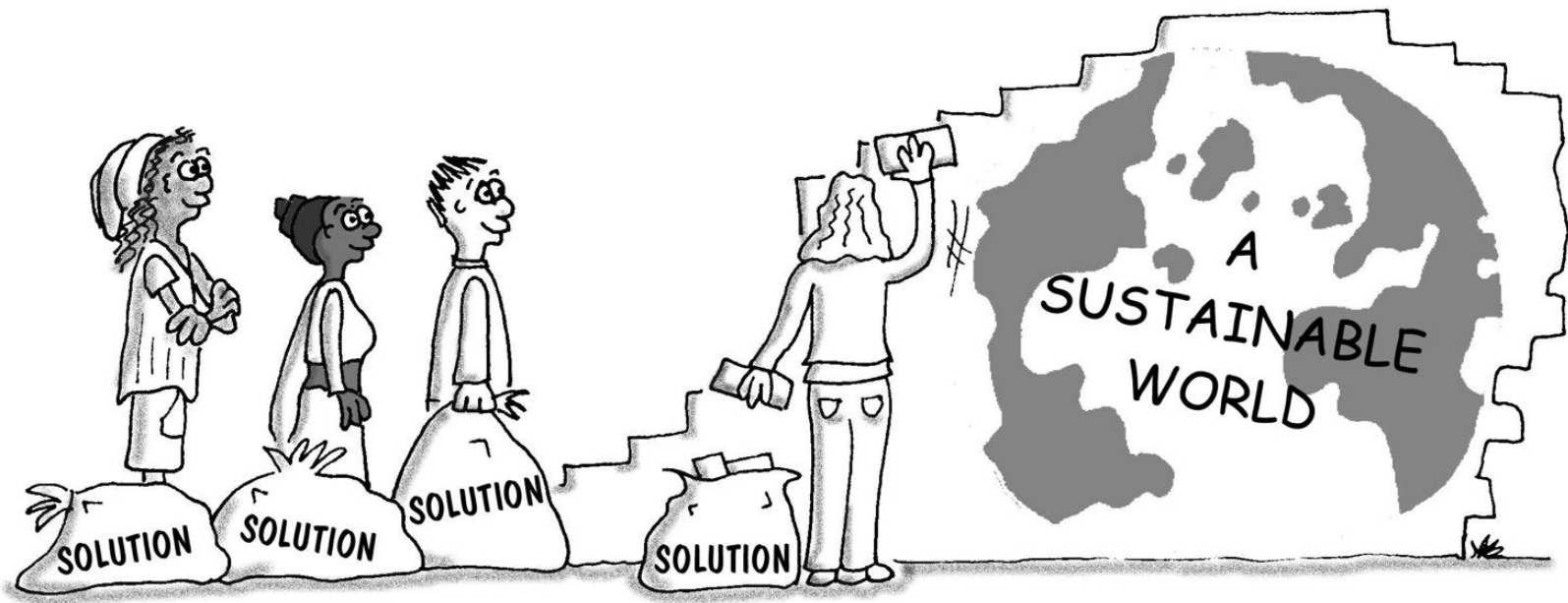


Young Mauritians' Plan for the Planet

Engaging, Connecting and Empowering Youth to deliver the UN Sustainable Development Goals



- No Poverty
- No Hunger
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- Renewable Energy
- Good Jobs and Economic Growth
- Innovation and Infrastructure
- Reduced Inequalities
- Sustainable Cities and Communities
- Responsible Consumption
- Climate Action
- Life Below Water
- Life on Land
- Peace and Justice
- Partnerships for the Goals

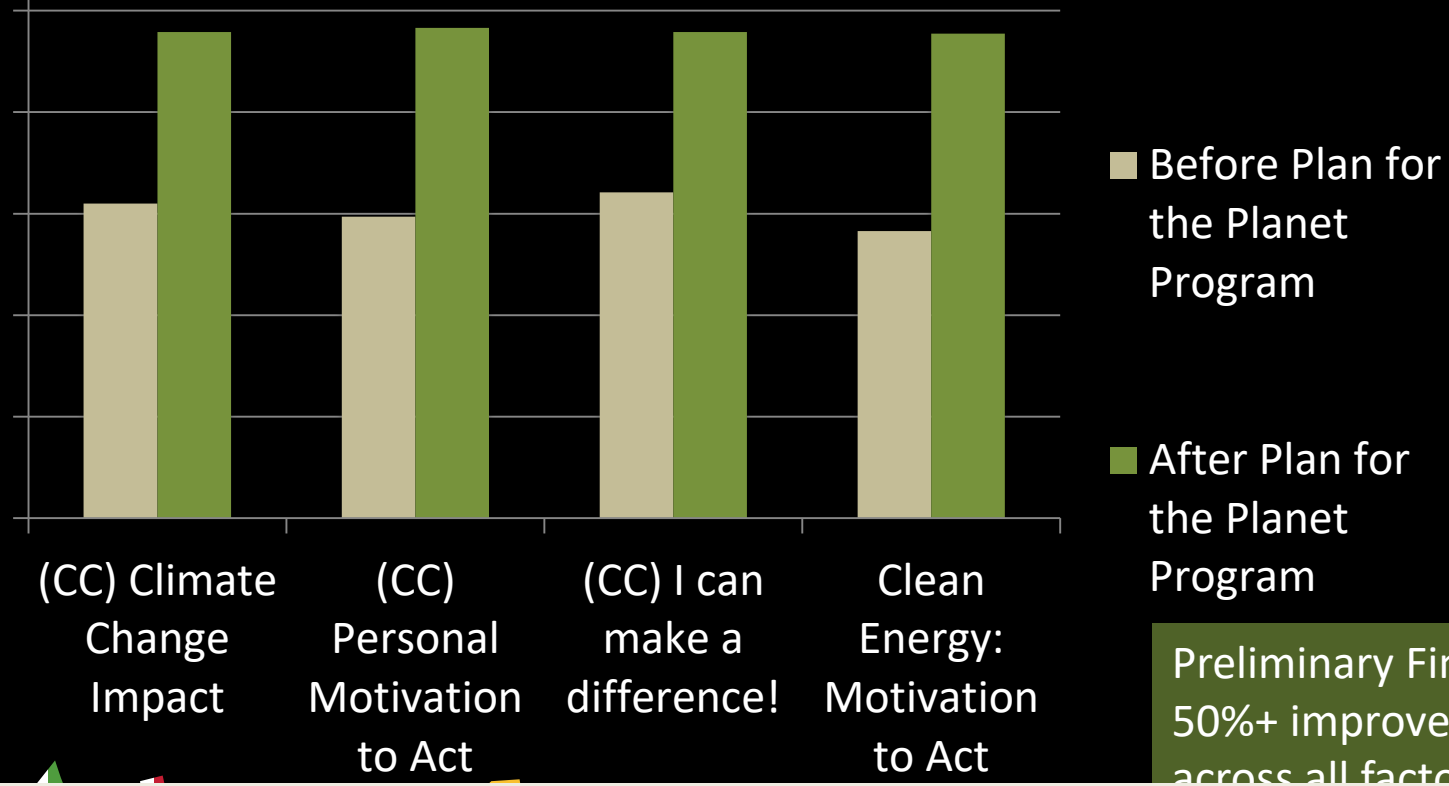


together ... we have an opportunity ...



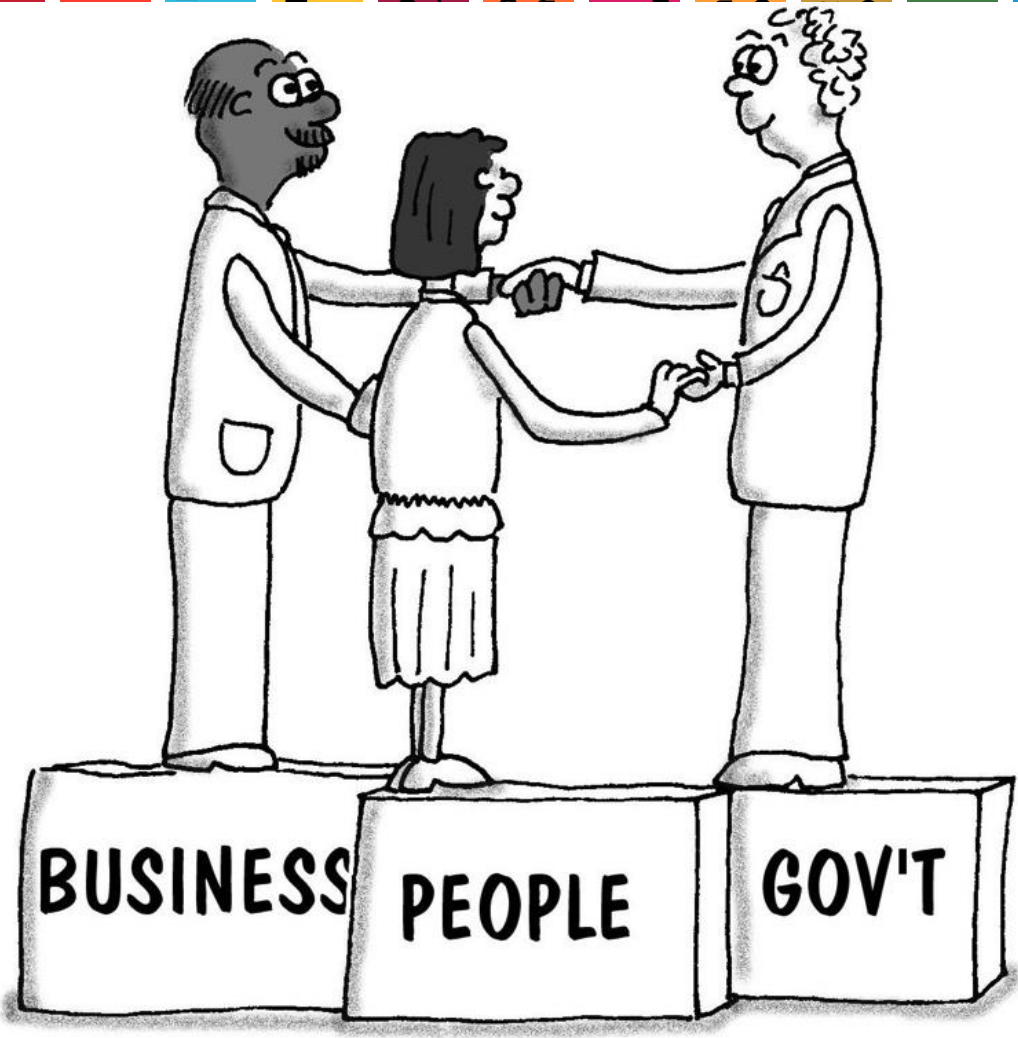


Plan for the Planet: Impact on attitudes to Sustainability: ANU Research (2018)



Sustainable Future Mindset Shift: “Overwhelmed’ to ‘Understanding’ to ‘Empowerment’

No Poverty
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Good Health
Quality Education
Gender Equality
Clean Water Sanitation
Renewable Energy
Decent Jobs and Economic Growth
Innovation and Infrastructure
Reduced Inequalities
Sustainable Cities and Communities
Responsible Consumption and Production
Climate Action
Life Below Water
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Partnerships for the Goals



The Key Stakeholders



Young Australians'
Plan for the Planet



- Questacon
- ANU
- Inspiring Australia
- Academy of Science
- Future Earth (Aus)
- Science Centre Singapore
- Curtin Mauritius
- Mauritius Commercial Bank
- CISCO
- OSKY
- UNAA (WA)

- Rajiv Gandhi Science Centre
- DIIS, DFAT (Aust)
- Curtin Mauritius
- Charles Telfair Campus
- UNESCO (Chair of Higher Learning)
- UNAA (WA)
- Frank Fenner Foundation
- The OnePlanet Partnership
- UNSW/UTS



FOUNDATION FOR
Young Australians

SRD

Society for
Responsible Design



The
OnePlanet
Partnership



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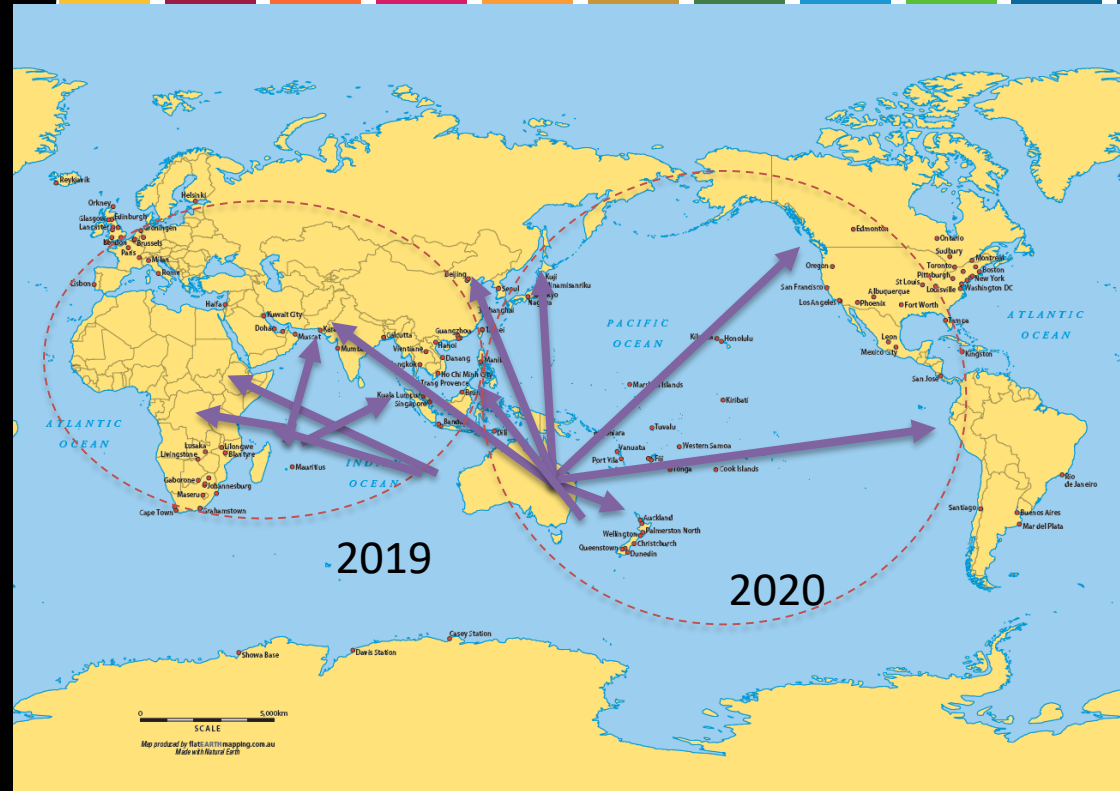
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and Justice

Partnerships
for the Goals

International Development

International focus for
2019 Collaboration

- (1) 2019 Indian Ocean Rim
Countries: Australia,
Mauritius, Singapore.
India and others (TBC)
- (2) Using the CISCO Digital
Schools Network





MPS FROM ALL SIDES OF POLITICS HAVE RECEIVED A PLAN FOR THE PLANET DURING NATIONAL SCIENCE WEEK IN CANBERRA | 2 THE POINT



NationalScienceWeek and 3 others liked
Arthur Sinodinos AO @A_Sinodinos · 3h
 What a way to kick off #NatScWk by receiving the Young Australian's Plan for the Planet surrounded by our next generation of scientists.



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THANK YOU



SUSTAINABLE DEVELOPMENT GOALS

<https://www.planfortheplanet.org.au>

