



Young Persons' Plan for the Planet Program


Engaging and Empowering Youth to deliver
the UN Sustainable Development Goals

Ian Chambers, Australian National University
Professor Graham Durant, Questacon, Canberra
SCWS, Tokyo, November 15, 2017





Australian Parliament August 2017 – Harry's story

A young man with blonde hair, wearing a blue shirt and a dark tie, is speaking at a podium. Behind him is a banner that reads "inspiring" and "An Australian Government Initiative". The background is slightly blurred, showing other people in the room. A large black jagged-edged shape is overlaid on the image, containing white text.

***“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, Tasmania

Australian Parliament August 2017 – Harry’s story



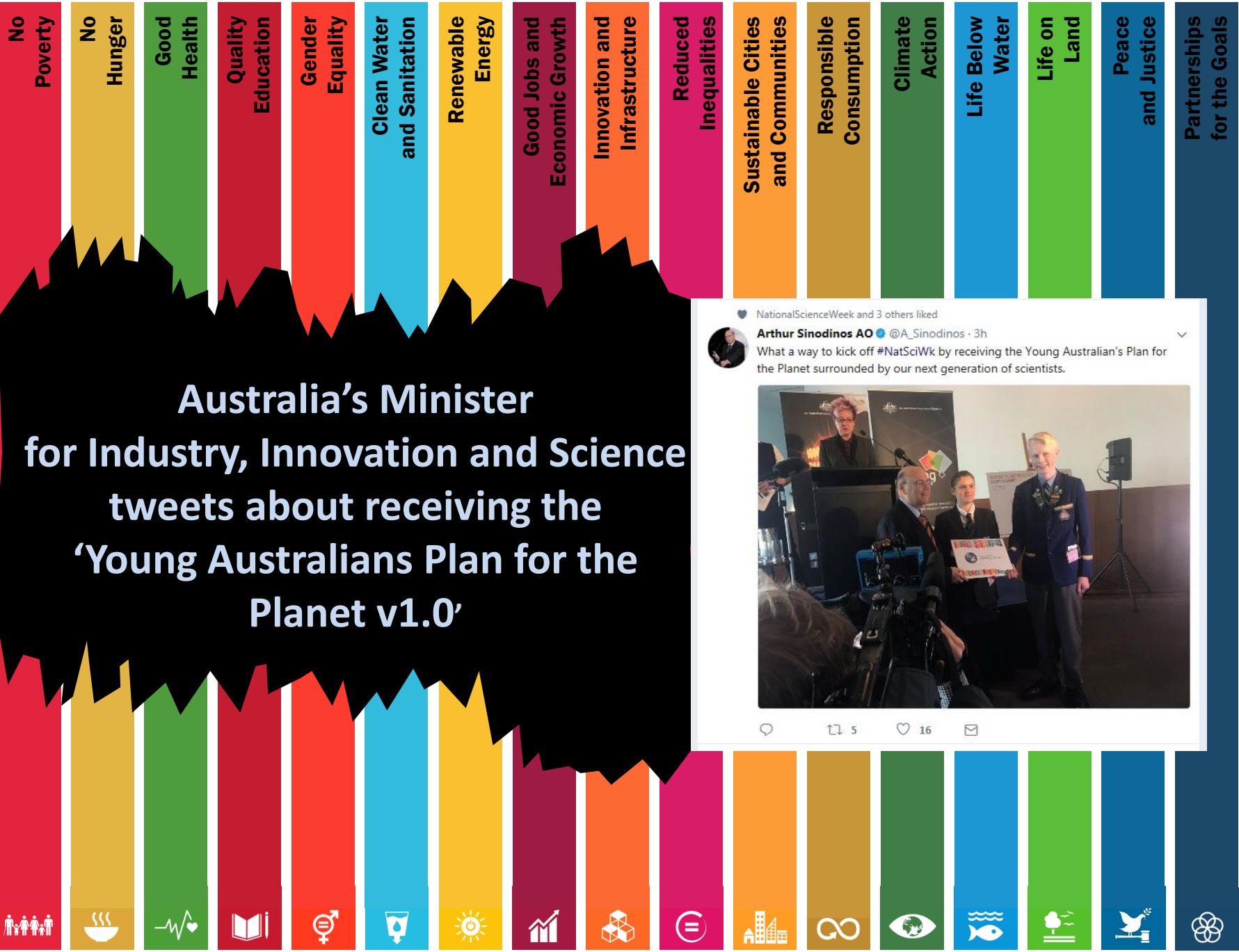
Australian Parliament August 2017 – Jessica's story



***“It’s our future.
We need to be saying
what we think..”***

Jessica Bowman, Perth

Australian Parliament August 2017 – Jessica’s story



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



Australia's Minister for Industry, Innovation and Science tweets about receiving the 'Young Australians Plan for the Planet v1.0'



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



5 16

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



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

2 THE POINT

skynews.com.au

“...this is your first visit to Parliament House and already you are instructing the Government on how to save the planet...” Sky News interviewer



- 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

Young Australians leading the charge

New Town High School's HARRISON TUNKS and JOEL CARTLEDGE represented Tasmanian youth in Canberra

AS the plane landed in the national capital, the opportunity of a lifetime was unfolding for Joel and myself.

With little time to spare before the Future Earth conference kicked off, we soon arrived at Questacon to see the beginning of something amazing.

After speeches and presentations, we, for the first time, met face-to-face with the other students involved in creating a Plan for the Planet.

For us, meeting like-minded teenagers who cared about our world was simply the best part of the trip.

The friendships we formed had us working together over the next three days and, more importantly, into the future.

Throughout the event, there was a sense of pride among the students, teachers and organisers about what had been achieved. We were the pilot year of a program that empow-

ered students to make a difference in the world — and it was awesome.

Nowhere was this pride more prominent than on the second day of the conference during the presentation of the plan we had created. We gathered at Parliament House for the breakfast event that opened National Science week for the whole country.

Dozens of important figures were there with us. The future really did seem bright, with students and dignitaries engaged

in seamless conversation on how to make the world a better place.

I was one of the two students who had the privilege of giving the Plan for the Future to the Minister for Industry, Innovation and Science, Senator Arthur Sinodinos.

The big moment was a nervous one but full of opportunity and hope.

We were placing our hard work in the hands of the politicians, wanting to change the world.

The plan had already started doing that, recognising the potential that young people have, but it was far from over.

I knew all my new friends had dreams of what would come from the plan, relating to their area.

Our New Town High team wanted to see the biggest issues in Tasmania and Antarctica addressed, such as climate change, education and health.

On a national scale, problems such as discrimination and a lack of sustainable energy have yet to be properly addressed and it needs to happen.

With so many dreams balanced on that moment, my biggest hope for the plan is that our politicians take our work seriously.

The youth of Australia want to make the world a better place. The pilot year of Plan for the Planet is just the first step in achieving this, in recognising that young people can make a difference.

For Joel, myself and students across the nation, the Young Australians' Plan for the Planet has given us the tools we needed to make a difference, to make our careers dedicated to global change.

Even so, we are only at the beginning. Other countries are already looking to adopt similar programs that will empower young people across the globe. Together, we can make a difference.

planfortheplanet.org.au



MAIN PICTURE: New Town High School Year 9 student Harrison Tunks addresses the National Science Week launch in Canberra. INSET: Harrison, right, with fellow delegate Joel Cartledge. Pictures: NATIONAL SCIENCE WEEK and CAROLINE REMEYI

Local media coverage

- Icon of people
- Icon of a bowl of food
- Icon of a heart and 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 a cube
- Icon of a scale of justice
- Icon of a factory
- Icon of a circular arrow
- Icon of a globe
- Icon of a fish
- Icon of a tree and recycling symbol
- Icon of a dove
- Icon of a globe with interconnected lines



An Australian Government Initiative



An Australian Government Initiative

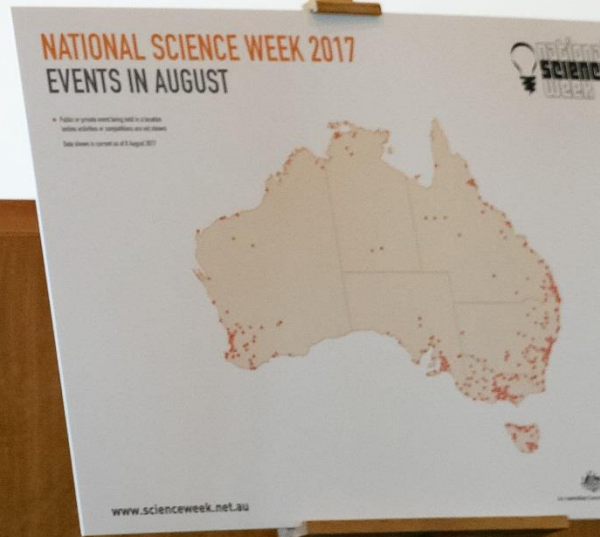
IGNITE YOUR IMAGINATION



national science week

www.scienceweek.net.au

a
lia



NATIONAL SCIENCE WEEK 2017
EVENTS IN AUGUST

* Public or private event being held in a location
with no facilities or competitors are not shown
Data shown is current as of 8 August 2017

www.scienceweek.net.au

Suzy's story



“...for the students, by the students. A program which lends itself to finding real world solutions. One where our students have a say in their world, their future Earth, what it should look like. A future Earth where they are leaders of change, progress and sustainability...”

Suzy Urbaniak, Science Teacher, Kent St High School, Perth



Young Australians' Plan for the Planet Program
Pimlico State High School Townsville Qld : EcoZone 9

Pimlico State High School story



“an invaluable component of our school’s commitment to developing students as active and engaged global citizens, ready to make a positive impact in our world”

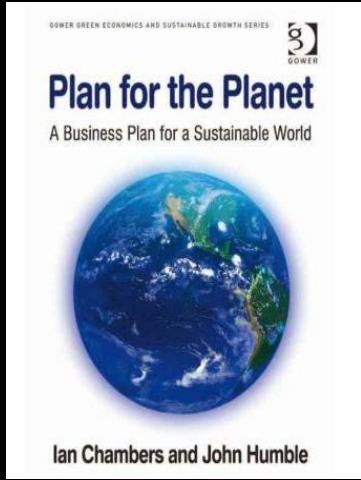
Joel Bucholtz, School Principal, Pimlico State High School, Townsville



Representatives of Australian schools present the Young Australians Plan for the Planet v1.0 to Science Minister Arthur Sinodinos

- 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

Ian's story



- Icon: People
- Icon: Bowl of rice
- Icon: Heart and pulse line
- Icon: Open book
- Icon: Gender equality symbol
- Icon: Water tap
- Icon: Sun
- Icon: Bar chart
- Icon: Network of nodes
- Icon: Scales of justice
- Icon: Buildings
- Icon: Recycle symbol
- Icon: Eye with globe
- Icon: Fish
- Icon: Tree and leaf
- Icon: Dove
- Icon: Interlocking circles

Questacon's story



The Schools



Young Australians'
Plan for the Planet





No Poverty

No Hunger

Good Health

Quality Education

Gender Equality

Clean Water and Sanitation

Renewable Energy

Good Jobs and Economic Growth

The project in action - business, youth and research mentoring

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

Business, youth and research mentoring

- 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

**Kent St High
Perth WA
EcoZone 3**



- Icon: People
- Icon: Bowl of food
- Icon: Heart and pulse line
- Icon: Open book
- Icon: Gender symbols
- Icon: Water tap
- Icon: Sun
- Icon: Bar chart
- Icon: Network of nodes
- Icon: Scales of justice
- Icon: Buildings
- Icon: Recycle symbol
- Icon: Eye with globe
- Icon: Fish
- Icon: Tree and leaf
- Icon: Dove
- Icon: Interlocking circles

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

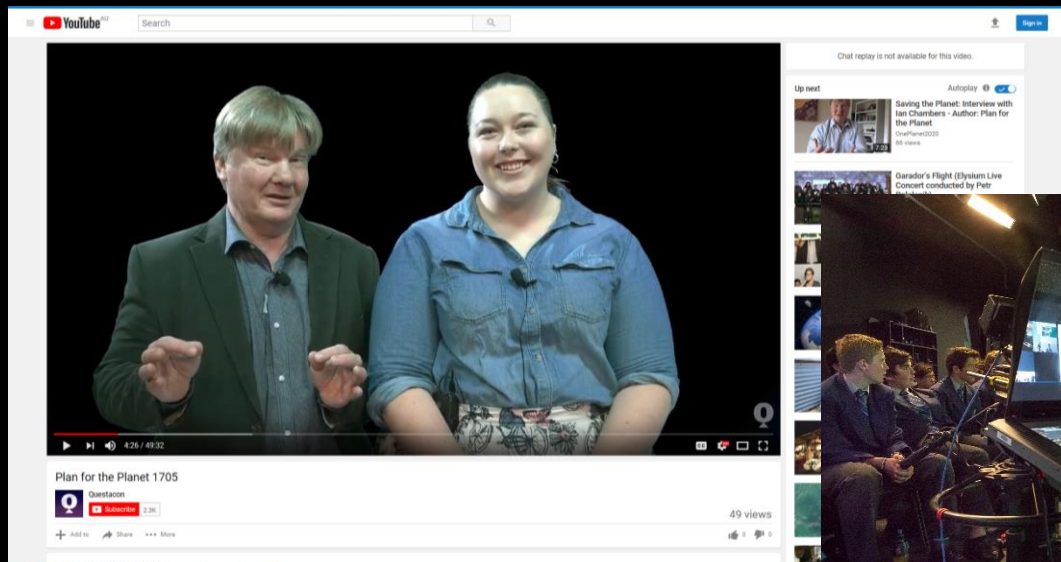


**Ulladulla High School, New South Wales
EcoZone 13**



- 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

Video-conferences using Questacon's Schmidt Studio



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



'Hi, I'm Tendai from the Darwin Plan for the Planet team. My topic for the Darwin ecozone is poverty'

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



- Each school builds a sustainable development plan for their 'EcoZone' based on the UN SDGs
- Regional EcoZone plans are then synthesised into a national plan
- Program is modular and scalable enabling replication to other cities, regions, countries and globally





Key Program Principles:-

1. Engage, connect and empower young people
2. Build partnerships to deliver the UN SDGs through a schools and university led program
3. Leverage best practice business planning
4. Utilise business, youth and research mentors
5. Open source materials
6. Virtual 'plans' keep evolving
7. Infection model to spread engagement



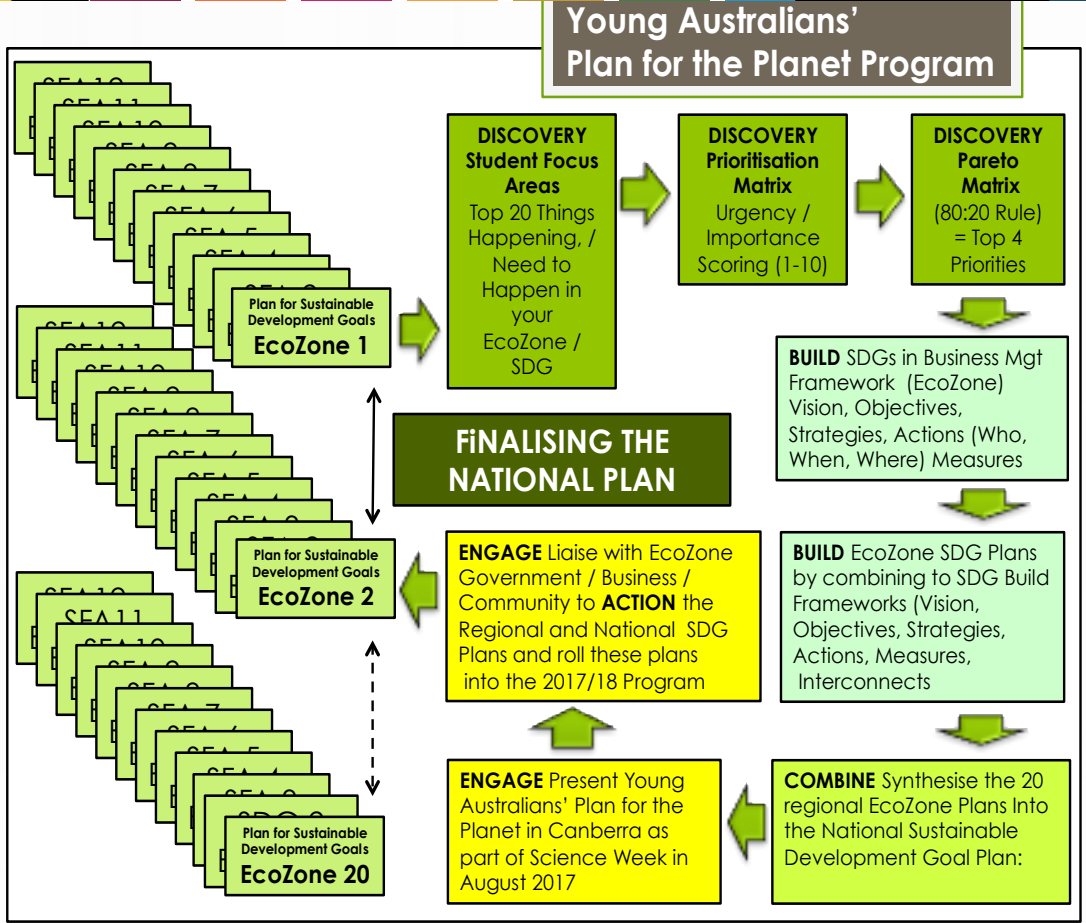


TABLE 8: BUILD SUMMARY FORM

Name	Structure	SDG	Climate Change
Ryan Wroblec	8		Climate Change

SFA Vision
 Focus Areas (List 4 from your program for at least 2 SDGs)

Objective (What are we aiming to achieve?)	Strategies (How are we going to achieve this?)	Actions (What do we need to do to achieve this?)	Outcomes / Measures (What are the results we hope to achieve and how do we measure this?)	SDG Interconnects
1. All users maintain all equipment (SDG 7 and other related)	2.1. Increase energy use, to be more efficient than the grid	2.1.1. Conduct energy audits for all buildings	2.1.1.1. Reduce energy consumption by 10% over the next 12 months	7 (Energy), 13 (Climate Action)
2. All users maintain all equipment (SDG 7 and other related)	2.2. Increase energy use, to be more efficient than the grid	2.2.1. Conduct energy audits for all buildings	2.2.1.1. Reduce energy consumption by 10% over the next 12 months	7 (Energy), 13 (Climate Action)



The program is modular and scalable enabling replication to other countries



Project stages:-

1. Discovery/ research
2. Prioritisation
3. Building the plan
4. Combining plans
5. Communicating



Young Australians'
Plan for the Planet

TABLE 5: STUDENT FOCUS AREA SUMMARY FORM

Student Name	School and EcoZone		
Focus Area I am working on		Urgency (1-10)	Importance (1-10)
What are the top 10 things that are already happening in my Key Focus Area in our EcoZone? 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.			
What are the top 10 things that need to be happening in my Key Focus Area in our EcoZone? 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.			



Clean Water and Sanitation



The Plan: 6. Clean Water



Young Australians' Plan for the Planet

Name	Kiran Letchford	EcoZone 3		Clean Water and Sanitation	
SFA Vision	In 2050 we will see bio-filtration systems to aid in cleaning lakes and rivers.		Clean, non-polluted groundwater for agricultural use.		
Focus Areas <small>(Top 4 from your Student Focus Area / SDG's)</small>	Objective <small>(What are we aiming to achieve)</small>	Strategies <small>(How are we going to achieve this?)</small>	Actions <small>(What do we have to do to achieve this?)</small>	Outcomes / Measures <small>(What are the results we want to achieve and how can we measure these?)</small>	SDG Interconnects
i. Microbiological contaminates in water.	1.0 In 5 years time we have reduced water contaminates by 50%.	1.1. Regular water testing and issuing filtration systems (esp. To people with bores).	1.1.1 The government and water corporations may aid for funding and removing the contaminates.	As a result, in 5 years we want 50% of microbiological contaminates removed meaning every year we remove the contaminants by 10%.	Life Below Water, Good Health and Wellbeing Sustainable Communities & Cities
ii. Funding for bio-filtration systems to replenish and cleanse lakes.	2.0 15 Bio-filtration systems in parks in the next 5 years for cleaning and filtering the water.	2.1 Showing the general public how having a system can positively effect lakes.	2.1.1 The government, water corporations and the department of water can aid us for funding the bio-filtration in lakes of need.	As a result, we want 15 new bio-filtration systems in the next 5 years.	Life Below Water
iii. Polluted ground water due to pesticides and fertilizer.	3.0 In the next 5 years we would like to re educate farmers and public.	3.1 Educating the public about harmful pesticides and what they to the environment as well as to the farmers that use fertilisers. Educating the public of when to use fertiliser and the appropriate amount. Educating and encouraging the public and farmers for using toxic free pesticides and fertilizers.	3.1.1 Department of water and the government may help us with funding and advertising for educating farmers and the public.	As a result, by the next 5 years we would like the general public and farmers using not only toxic free fertilizers and pesticides but also better educated about when to use them. (In the summer/dry season) (Water toxicity levels rise higher in the winter as run off is more likely to happen meaning all the access pesticides and fertilizers will run with the water flowing back either into a lake or into the ocean).	Life Below Water, Responsible Consumption and Production
iv. Water use in Schools.	4.0 In the next 5 years we would like schools to educate younger children about water wastage and how to stop it happening.	4.1 Water- wise programs (implemented water wise programs in their everyday education) Store rainwater in canisters.	4.1.1 Water wise Australia and government funding are needed to aid this problem.	As a result, we want to see more schools being water wise, minimizing storm water runoff and more education regarding water wise wastage.	Life Below Water, Responsible Consumption and Production

EcoZone 3 Perth WA





The Plan: 8. Economic Growth



Young Australians' Plan for the Planet

Name Robert Van Dyk		EcoZone 9		Economic Sustainability	
<p>SFA Vision North Queensland has a strong economy based on cheap and sustainable energy. This decreases the costs of energy for businesses and households and increases job opportunities. North Queensland is a major trade centre with the Asia Pacific region via air and sea with profitable and efficient trade.</p>					
Focus Areas (Top 4 from your Student Focus Area / SDGs)	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?)	SDG Interconnects
i. Provide North Queensland with cheap reliable electricity for development.	To develop a base load electricity generation plant that would be able to provide cheap and efficient electricity to North Queensland industry. Cheaper and reliable electricity allows for more business development opportunities and employment growth.	Build a gas base-load power station for North Queensland, to provide constant reliable cheap energy and to create jobs. The power station is supported by a network of alternative energy sources (solar, wind and biofuels) to reduce gas consumption as much as possible	Identify a suitable location central to North Queensland. Federal Government to fund power station via Northern Australia Infrastructure Facility (NAIF) Fund.	Cheaper reliable power in North Queensland. Increased business development. Increased employment Increased alternative energy sources. Less use of coal powered electricity production.	Decent Work and Economic Growth Industry, Innovation and Infrastructure Responsible Consumption and Production Climate Action Partnerships for the Goals
ii. Improved Transport for Inter Regional Trade	Develop inter-regional trade to make produce it cheaper and affordable, reduce transport times and make it easier and quicker to export.	Development of all-weather highways including dual lane highways where appropriate. This allows faster and more efficient transport of good. This will improve trade between regional communities and larger urban areas resulting in cheaper commodities from regional locations. Increased consumption of local products over imported products. Easier access to ports and airports for export of goods.	Build all weather highways and dual lane highways between regions.	Cheaper transport between regions and larger urban communities. Cheaper local goods over imports. Increased business development. Increased employment	Decent Work and Economic Growth Industry, Innovation and Infrastructure Responsible Consumption and Production Partnerships for the Goals

EcoZone 9 Northern Qld















Job done! The Young Australian's Plan for the Planet v1.0



“Encouraging young Australians to contribute to a future plan for the planet is essential. This program embraces youth as the designers and implementers of our sustainable future Earth. The Australian National University is pleased to be a stakeholder in this program and acknowledges the important role that young people have to play in the national and international implementation of the UN Sustainable Development Goals”.

Nobel Prize Laureate and ANU Vice Chancellor Professor Brain Schmidt

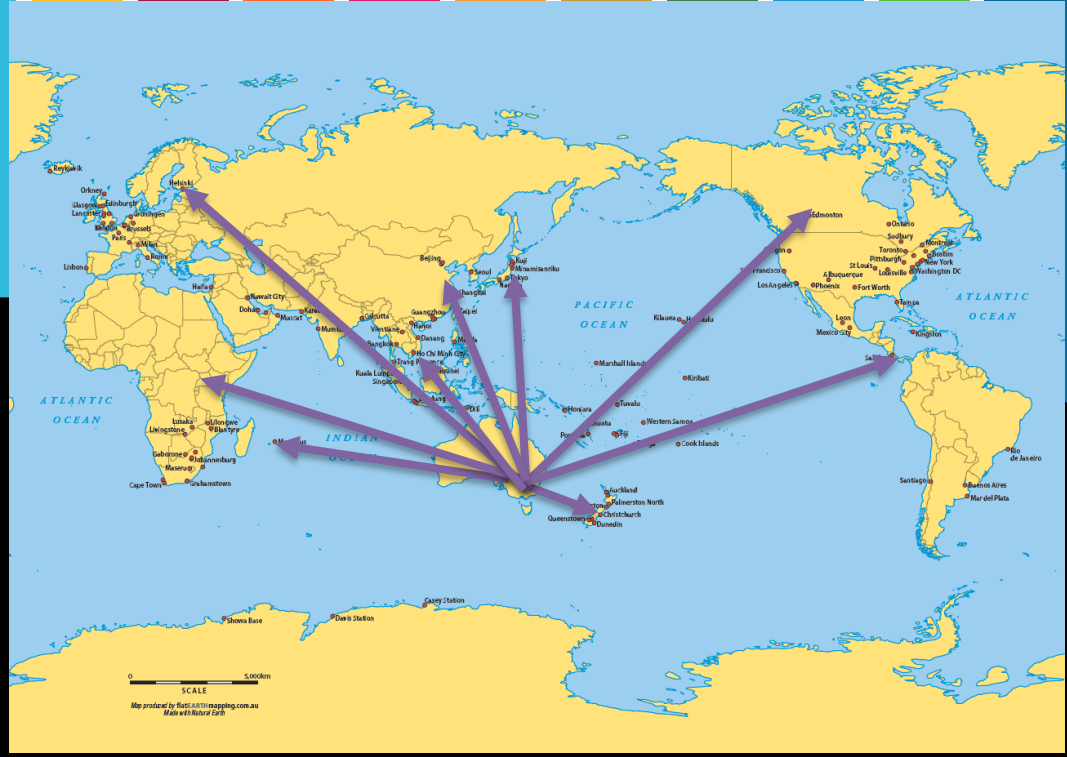


Project	Year 1 2016/17	Year 2 2017/18	Year 3 2018/19	Year 4 2019/20	Year 5 2020/21
Young Australians Plan for the Planet Strategy	 17 Schools	 45 Schools 15 Mentor* Schools + 30 Partner Schools	 90 Schools 45 Mentor Schools + 45 Partner Schools	 180 Schools 90 Mentor Schools + 90 Partner Schools	 400 Schools** 180 Mentor Schools + 220 Partner Schools
Young Persons Plan for the Planet Strategy	 Australia pilot program 17 Schools / 20 EcoZones	 International pilot program 10 Countries / 100+ Schools Australia, Japan, NZ, Singapore, Fiji, Samoa, PNG, Mauritius,	 30 Countries / 300+ Schools China, UK, Latin America, Tanzania, Zimbabwe, Mexico, Canada, ASEAN countries Indonesia, Thailand, Malaysia, Brunei, Philippines, Vietnam	 90 Countries / 900+ Schools 20 G20 & 20 V20 Countries + 50 Partner Countries	 193*** Countries / 2000+ Schools 20 G20 & 20 V20 Countries + 153 Partner Countries

Coming soon in 2018!
Young Mauritians Plan for the Planet
Young Singaporeans Plan for the Planet
Young Fijians Plan for the Planet
and more...

- 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

Infection model to spread program globally



- Icon: Family of four
- Icon: Bowl of food
- Icon: Heart with pulse line
- Icon: Open book
- Icon: Gender equality symbol
- Icon: Water tap
- Icon: Sun
- Icon: Bar chart
- Icon: Infrastructure buildings
- Icon: Scales of justice
- Icon: Recycle symbol
- Icon: Eye with globe
- Icon: Fish
- Icon: Tree and leaf
- Icon: Dove
- Icon: Interlocking circles

The Key Stakeholders



Young Australians'
Plan for the Planet



The
OnePlanet
Partnership



- 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

Engaging, Connecting and Empowering Youth
with a focus on the



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

