

**Alfred Deakin, water revolutionary.** \**Fed Square Deakin Building carbon neutral*  
 They call me Melbourne's Father of Federation 1901. I was Federal Prime Minister 3 times. But people forget that long before that, I revolutionised irrigation in Victoria by inviting the Chaffey brothers in America to create water for thousands of acres from the Murray and Darling Rivers. This happened 130 years ago. Saving water is even more important today with global warming. Never forget we are the driest country on earth. **Save the Murray-Darling Rivers. SAVE WATER!!!**



**Paul Carter. Federation Square. Nearingnew.** \**Care for Country Strategy*  
 I am an artist and writer and professor of urban design at Melbourne RMIT. *Nearingnew* is my design for the Federation Square piazza using 500,000 natural stones from the Kimberley's. It is from an 1860 Aboriginal bark painting of the Milky Way reflected in water. It reminds us that Melbourne is on a flood plain preserved by traditional ecology for millennia. We can use Aboriginal technologies to preserve our environment.



**Nonda Katsalidis, Melbourne Greek-Australian architect. Eureka and 108**  
 \* *Melbourne retrofit 1200 strategy*

Others talk about 'reaching for the sky' but I actually do it! I changed the skyline of Melbourne with Australia's tallest buildings such as Eureka Tower (2007) and Australia 108 (2019). Eureka tells the story of democracy invented in Greece. A sustainable society is a democratic society. Some say my buildings reduce sustainability. But I believe beautiful high rise, high density residential architecture is essential for sustainable city living. What do you think? I also retro-fit old buildings sustainably e.g. 120 Russell St.



**Rob Adams, Melbourne City Council, architect and designer.** \**Council House Two*  
 I am responsible for the City Design of Melbourne. Since 1985 I have helped Melbourne become one of the most liveable cities 7 times. Our council projects include Swanston Street mall, laneways, Yarra boulevards, Birramung Marr Park. Our **Council House Two was**- the first new office building in Australia to achieve a Six Green Star energy rating. I am planning for the the CBD to be carbon neutral by 2020. Today my main goal is how to sustainably accommodate a million-extra Melbourne residents in the near future. Any ideas?



**Callum Neilson-Bridgefoot, (11)** \**Community involvement*  
 I was one of the leaders of Melbourne's Big School Strike on 30 November 2018. We came down from Castlemaine on the Bendigo train and were joined by 8000 primary and secondary school students. We want action on global warming. Just because we don't vote, does not mean we have no say in our future. We were inspired by Swedish student Greta Thunberg (15),



**Craig Reucassel - War on Waste presenter.** \*Melbourne Council Recycling Strategy

'War on Waste with Craig Reucassel' is my Australian ABC TV series that started in 2017. It explores the big waste challenges and how to solve them including waste food, plastic, straws, fast fashion, coffee cups, furniture, bottled water and landfill. It shows how you can help solve them in your own life, home, workplace and school.



**Boyan Slat, Dutch inventor, CEO, The Ocean Cleanup** \*Alternative technologies

I was inventing when I was two. At 16 I learned that there are 15 trillion pieces of plastic in the seas. So in 2013 I started **The Ocean Cleanup** and collected money from 38,000 donors in 160 countries. In 2015, we sent out 30 research ships and found 1.6 million square kilometres with 80,000 metric tons of 1.8 trillion plastic pieces **in the Great Pacific Garbage Patch** alone. In September 2018 we began collecting using booms we invented. We hope this patch will be gone in five years. Never believe that one person cannot make a difference.



**Elon Musk, technology inventor and future dreamer**

I invent and share my technologies with the world to make it environmentally safe. I own Tesla Motors making beautiful electric cars. I want to help Australia by building batteries to store solar energy and stop pollution by coal. I have other dreams such as space tourism, Mars colonisation, and the 'hyperloop' - underground high-speed transport in tubes from Melbourne to Sydney. Join me in new inventions to save this planet!



**Peter Garrett, Green musician.** \*Vict Govt Climate Strategy

I am the lead singer of Australian rock group Midnight Oil, a band that supports social justice and our environment. Have you heard our song 'Treaty'? I became President of the Australian Conservation Foundation for ten years. In 2007 I became Australia's environment minister. Within days, Australia signed up to the Kyoto climate change treaty. Saving this planet is everybody's responsibility.



**Costa Georgiadis- TV Garden host.** \*Melbourne Rooftop Garden Strategy

I am a Greek-Australian landscape architect and the host of ABC's popular TV show **Gardening Australia**. I developed my love of nature in my grandfather's market garden. People complain about my beard but I let it run wild like nature. I am passionate about the spirituality of gardening. I want to get kids involved in growing fresh, healthy, nutritional food.. Growing your own food sustains both the environment and yourself. Yes, get rid of that slurpy and grow food. **YOU ARE WHAT YOU EAT!**



**Madhav, Mumbai schoolboy, Kids for Tigers.** \*Biodiversity strategy  
Can you imagine a world with no tigers? I cannot. So when I was 12, I walked around Mumbai collecting money for tiger conservation. With my friends Kirat, Sahir and Suraj I set up **Kids For Tigers** in 2000. We write poems, sing, sell stuff, give talks and collected 500,000 rupees (\$10,000) in two years. Today 275 schools worldwide have joined us. Our motto: 'by say saving tigers you can save yourself'. Habitat protection is also human protection. Join us **NOW!**



**Tim Flannery, Scientist and climate change campaigner**  
I grew up in Sandringham exploring fossils in the bay as a teenager. Since then I have discovered more than thirty new species of mammals and become Australian of the Year. My books such as *The Future Eaters* and *The Weather Makers* explore how technologies and attitudes can save our planet. I was sacked from the government's Climate Commission but endlessly campaign for action on the greatest threat to our planet.



**Captain Paul Watson. Rainbow Warrior**  
I am the enemy of Japanese whalers, Canadian seal hunters and illegal fishermen. I co-founded Greenpeace in the 1970s. My ship **Sea Shepherd** patrols the world's oceans stopping criminal killers of sea life. In one month in Ecuador I intercepted 19,000 shark fins, 92,000 sea cucumbers and confiscated 35 miles of illegal longline. My battles with Japanese whaling ships are notorious.. Join tGreenpeace!



**Leonardo DiCaprio, actor and environmentalist**  
You probably know me as an actor in films like *Titanic*. However my true passion is the environment. I travel the globe urging action on global warming. My Leonardo DiCaprio Foundation is dedicated to protecting Earth's last wild places including assisting the Wildlife Conservation Society and Elephant Crisis Fund. We all have a duty of care for other species on the planet. Step up and get involved.



**David Attenborough. Wildlife film maker.** \*Melbourne Biodiversity Strategy  
Some say I am the most famous wildlife film-maker in the world. My nine **Life on Earth** documentaries are a comprehensive survey of animal and plant life on this planet. My recent films focus on saving our wildlife and population control including *The Truth about Climate Change* (2006), *Saving Planet Earth* (2007), *How Many People Can Live on Planet Earth?* (2009). Our planet is finite and fragile. Save our precious wildlife! '



**Mary Gilbert Arrived by wind power 1835. \*MCC Windpower station**

I travelled around the world to Australia using natural wind power to arrive on the 'Enterprize' at the Yarra River 30 August 1835, I was 18, pregnant and the only European woman in Melbourne. Today Federation Square with councils and Universities are building their own wind-power energy farm at Ararat. John Fawkner gave me Melbourne's first cat for company! Not great for the environment! We first settlers were very self-sufficient, grew our food and had few possessions. Rely on yourself - not stuff.



**Tully Boyle (15)**

I was one of the leaders the Big School Strike on 30 November 2018. We came down from Castlemaine on the Bendigo train and were joined by 8000 primary and secondary school students. We need action on global warming. Just because we don't vote does not mean we have no say in our future like Swedish student Greta Thunberg (15),



**Greta Thunberg (15) Swedish School Striker**

'Every Friday since Nov 2018, I miss classes to sit outside my country's (Sweden) parliament. I have Asperger's syndrome so, for me things are black or white. Fossil fuels are destroying our future yet adults carry on like nothing is happening. They have failed us. Starting today we students must take action into our



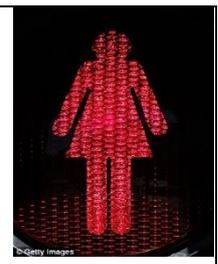
**Bandalong Litter Trap. \*Clean Up Australia**

Hi, my name is Bandalong. I am an invention that collects litter using no mechanical power except water current. There are 20 Bandalongs in the Yarra and Maribyrnong Rivers collecting 30,000 garbage bins of litter and millions of cigarette butts every year before they reach the ocean and the dolphins and turtles. Remember anything dropped in the street ends up in the sea. Join the Yarra Riverkeepers – we collect litter and plant trees to stop erosion.



**The Lady in Red Flinders – \*Sustainable Gender equality**

A sustainable society is an equal opportunity society. From March 2017 the City of Melbourne Committee is trialling walking women at ten traffic lights to discourage the 'unconscious gender bias' against women. See me at the Flinders Street station and Bourke Street crossings. It only cost \$8,000! Gender equality is an essential part of fighting global warming as women are essential to agriculture, irrigation, population control and afforestation.



### **ORCA –Recycling food waste**

*\*Melbourne Recycling Strategy*

Hi, my name is ORCA. I am a revolutionary machine that lives under Ross House a social justice building in Flinders Lane. I use aerobic microbes to digest waste food from 130 cafes and turn it rapidly into water! I have diverted 400 tons of garbage waste from landfill since 2013 (this reducing methane and CO2). My water can also produce fuel or 'biogas'. Some leftover material ('biomass') is used to feed our community gardens and parks. Our recycling centre also recycles bread crates into compost bins and worm farms. Our vehicles are electric. Melbourne's ORCA is an Aussie first!



### **Kirsty McKenzie, 'Good 2 Go' - Social Enterprise Café, Hosier Lane**

Sustainability is also about sustainable social justice. In 2014 when I was 21, I started a Hosier Lane shop to give homeless people work experience and sell food, coffee and clothes. Our profits go to **Youth Projects** next door where our '**Living Room**' provides medical and legal services for young people with mental health and other challenges. '**Pay a coffee forward**' here. Equal participation creates a society in balance.



### **Jessica Watson on her boat Pink Lady. Save our Oceans**

In 2010, aged 16, I became the youngest person to sail solo and nonstop around the world, surviving 7 knockdowns and 210 days alone at sea. I wanted to challenge myself, inspire girls and achieve something to be proud of. I learned we need to treasure and preserve our beautiful oceans. Since then, my role as Youth Representative for The United Nations World Food Programme has taken me to remote Laos and refugee camps in Jordan and Lebanon. We need to safeguard our precious oceans and provide enough food and water for everyone to live on.



### **Tanya Ha, science author and sustainability advocate**

I am a 'best-selling Australian science author and environment advocate. Read my books such as '*Greenology*' and '*Green Stuff for Kids*'. I worked for the ABC science TV show 'Catalyst' and have also served on the Board of Sustainability Victoria, Keep Australia Beautiful and Planet Ark. I also give talks such as '*Green Your Life- the Power of One*' and '*The Beginners Guide to a Price on Carbon*'. Invite me to talk to your school!



### **Mina Guli of Thirst, Melbourne athlete and water advocate**

I was born in Glen Waverley and have been honoured as one of Australia's 100 most influential women. In seven weeks in 2016, I ran 40 marathons across 7 deserts on 7 continents including Antarctica. In 2017 (aged 46) I ran 40 marathons in 40 days on 6 continents down 6 of the world's great rivers. I did it to persuade young people to save water. My organisation Thirst has educated two million students in China alone.



**Wangari Maathai, First African Nobel Prize Winner.** \*Melbourne Tree Strategy

I have spent my life planting trees and fighting deforestation. Trees remove pollution and provide wildlife, oxygen and water. I started with women in Africa. In 2006 I persuaded 50 countries to plant 1.5 billion trees in one year. Melbourne plans to double the number of trees in 20 years. We can do much better than that. Plant a tree!!



**Dr Helen Caldicott, Australian doctor, author and anti-nuclear activist**

I was born in Melbourne and have spent four decades travelling the world to educate people on the dangers of nuclear power, nuclear weapons and nuclear war. I helped stop the French nuclear tests in the Pacific in 1971. I founded several antinuclear organisations which 23,000 doctors have joined and won the Australian Peace Prize in 2006. My antinuclear documentary film won an academy award. I have been named one of the most influential women of the 20th Century



**Melissa King, Celebrity Gardener and TV host**

My passion for Australian gardening led me to a horticultural degree. Since then I have worked or hosted garden and travel series on TV channels Seven, Nine, Ten, Foxtel and the ABC. My book '*Garden Feast*' focusses on growing and cooking your heirloom vegetables. Recently I launched my own brand of tough beautiful plants called '*King in the Garden*'. I give public talks if you want to invite me! Growing plants is fun, beautiful, good for your health, bees and wildlife, water and the environment. Get your school to grow more food.



**Vanessa Kwiatkowski, Rooftop beekeeper.** \*Melbourne biodiversity strategy.

My husband Matt and I started City Rooftop Honey. We harvest over 50 hives including Federation Square. The honey is then sold in cafes below. Bees are essential for a sustainable city as we need bee pollination to grow food. I give Aussie bees a helping hand as they are under threat from diseases, harming them. Our bees love plane trees and the Botanic Garden. And I love bees!



**Angela Merkel, German chancellor**

I became the successful leader of Europe's biggest economy but started as German environment minister in 1994. Germany now leads the world in targets for renewable energy and emission cuts. To generate electricity from renewables we give payments of up to three to four times the market rate. This has kickstarting the whole German renewable industry beyond the citizen's wildest imaginings.

