

## Householders' Options to Protect the Environment Inc.

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ABN 48 036 173 161

## HOPE E-news Bulletin 2023 #11 --- November 2023

*The following items have been gathered from various e: newsletters received by HOPE in recent times; and/or prepared specifically by HOPE members and supporters. If you have any news to contribute, please forward to [office@hopeaustralia.org.au](mailto:office@hopeaustralia.org.au) . Deadline for articles is 15<sup>th</sup> day of the month.*

### Editorial

*Greetings, eco-enthusiasts!*

*As we step further into the season of Spring, our volunteer researchers present to you insightful articles inviting you to consider significant issues such as our nation's progress in achieving a zero-emissions future, the importance of reducing our global footprint, and championing community engagement in governance to advance environmental outcomes.*

*This month we also take the opportunity to acknowledge Pollinator Week (13-19<sup>th</sup>). Pollinators are the unsung heroes of our ecosystems and play a pivotal role in ensuring the reproduction of plants, including many of our food crops. This month let's celebrate the bees, butterflies, and birds that tirelessly pollinate our flowers and crops. We can help by creating pollinator-friendly gardens, avoiding harmful pesticides, and spreading awareness about the importance of these creatures.*

*These occasions resonate deeply with our mission at HOPE for environmental preservation and sustainability. As always, we welcome your thoughts on these articles or on any issues you would like to raise.*

*Kind regards,*

*Daniela Dal'Castel, Newsletter Editor – HOPE Inc.*

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## 2023 Environmental Observances

### November

5 [World Tsunami Awareness Day](#)

6-12 [National Recycling Week](#)

10 [World Science Day for Peace and Development](#)

11 **HOPE AGM and 1<sup>st</sup> Ordinary Meeting of 2023-2024 Committee**

13-19 [Pollinator Week](#)

21 [World Fisheries Day](#)

### December

5 [World Soil Day](#)

5 [International Volunteer Day](#)

5-10 [Coastcare Week](#) (TBC)

11 [International Mountain Day](#)

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## Annual Pledge/Donation - <http://www.hopeaustralia.org.au/annual-pledgedonation/>

We invite members and supporters to consider making an annual financial contribution to help cover our operating costs of approximately \$20,500 p.a.

Currently, our income is derived from project grants, fund-raising, corporate sponsorship and donations, but falls well short of our requirements.

Your financial support, by way of an annual pledge or donation, will considerably help us to achieve better financial viability.

## Letters to the Editor

Dear Editor,

Thanks for your last newsletter which included the article on Green Street. I did mention my "Almost 365 Hints that don't cost the Earth" piece that might be applicable to Green Street's endeavours. I used this during my time as Special Education teacher at Aspley Special School's Kingfisher Recycling Centre which Frank visited many years ago.

I had recently mentioned Sophie Howe to Frank as I was most impressed with what Sophie had achieved through her position as the Commissioner for Future Generations in Wales. I'd be delighted if you want to use some of the following in a future edition of your HOPE newsletter.

Harry Johnson, HOPE member NSW

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Dear Editor,

"Howe's that?"

Wales is a place that I've only travelled through once on my way to Ireland but as my son now lives in Wales, it's now a place that's close to my heart.

I was amazed and delighted that 6 years ago Wales elected Sophie Howe as the world's first-ever independent Commissioner for Future Generations. After her completion of her 6-year term as Commissioner for the Future, Sophie Howe was on speaking tour in Australia and was a guest on Q and A where she was most impressive.

The fact that her position was independent of the government enabled her to bar the Welsh government's decision to approve the extension of a motorway for ever more high-volume road traffic through an area of scenic beauty and valuable farmland without asking the people of Wales. What sort of future transport would best suit the people and future generations? What better transport options could there be when 25% of Welsh people don't own a car?

What a remarkable and refreshing change from the philosophy of some governments: "Trust us, we know best, just enable us to scrape across the next election line into the best of all possible worlds." But the present system is not working for it continues to fail too many people and too many wild species and generations as yet unborn.

Instead, the government of Wales asked its citizens what sort of a future Wales did they want for their children and future generations. So instead of the expenditure of 1.4 billion pounds on yet more motorway, the money would be invested in active travel and public transport; thus, public health would be improved, the carbon footprint would be lowered, nature would be protected and more resources would be directed to those with the greatest need.

Sophie Howe is indeed a most impressive public servant and if you want to see Sophie Howe in action, as one of our politicians said: "Just Google her."

Wales has the world's first independent Commissioner for Future Generations.

How long will before we have our own independent Commissioner for Future Generations, for if you value your children as much as you value yourself, surely you would think that Australia could benefit from such a Commissioner?

I find it interesting that the people of Wales have never elected a Conservative government.

After all, the future is what you choose.

Yours faithfully,

Harry Johnson - Former Teacher/Coordinator, Kingfisher Recycling Centre, Aspley Special School, Aspley Qld

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**Helpful Hints a plenty!**

--- <https://www.hopeaustralia.org.au/resources/helpful-hints/>



### Introduction

Statistics show that approximately 5 children, under the age of 5 years, die every minute from malnutrition. Food Plant Solutions is taking an, EVERY CHILD MATTERS approach to this fact. One of the solutions to malnutrition is as simple as growing the right food plants in the right places.

The first 1000 days from conception are critical in a child's development. If children do not receive adequate quantities of key nutrients during this period, they can be permanently damaged for life. This can include blindness, intellectual disabilities and impaired growth.

### What is Food Plant Solutions

Food Plant Solutions project was developed by the Rotary Club of Devonport North (Tasmania) using a database of 33,500 edible plants which had been created by Burnie Agricultural Scientist Bruce French OA.

The Food Plant Solutions project was designed to address malnutrition through the use of readily available and local food sources. We create educational publications that help people understand the connection between plant selection and nutrition and empower them to grow a range of highly nutritious plants with differing seasonal requirements and maturities. We identify food plants that are potentially important for a country or region because they are suited to the environment, they are high in nutrients and they grow with minimal inputs. This is a sustainable solution that empowers people in need, not just for now, but into the future.



Food Plant Solutions does not send people in-country, but forms partnerships with existing aid providers who use the FPS publications to educate communities, and particularly women and children, on the nutrient value of their local foods. Not only does this sustainably address malnutrition and food security, it also empowers women. In many cases this will increase incomes, particularly for women, which benefits the family unit as a whole, and it safeguards and strengthens the capacity of women to provide food security, health and nutrition for their family. Most projects (whether they be housing, water, schools, maternal health, etc.), would be further enhanced by adding a Food Plant Solutions component to them. Most people who are in dire situations require a sustainable way to grow and access nutritious food.

With program partners, FPS encourages the establishment of demonstration food gardens in schools and communities, as these provide ongoing education and improve the health and nutrition of participants, who are provided with nutritious food prepared from these gardens.

With some of our programs achieving a **reduction in malnutrition by as much as 95%**, this approach is proven, cost-effective and sustainable.

### Major Achievements

After a pilot programme in 2012, with AOG World Relief Vietnam, where children were taught the nutritional value of herbs and vegetables, school gardens have been established in the provinces of Dai Hung and Tam Phu. Significant achievements have occurred including:

At the school gardens the teachers educate the students (using the FPS field guide) on the nutritional value of various plants and showing them how to plant and look after them.



The students at the schools have also been enjoying the benefits of the plants they have grown as they are provided with a nutritious lunch at school.

- Initially the children only tended the plants at school, however, now they are provided with seeds to take home and plant there, so the families are starting to grow more of their own plants and vegetables.
- The skills the children learn now will benefit them should they become farmers as many of their family have.
- Schools are saving money each month from not having to buy food, which means this money can be redirected to other necessities for the school.
- There has been an increase in enrolments as parents feel more confident in the school's ability to provide for their children nutritionally and give them safe clean meals. This in turns frees up the parents to increase their household income they have more time to work now that their children are being cared for.
- Eight Food Plant Solutions school gardens have been established, with three more immediately planned.
- Our program partner has said "Food Plant Solutions is a useful program because it is purposed to empower children in their context to harness local food plant resources to feed themselves and their families in response to the emergency facing the developing world in terms of the rise of malnutrition amongst the human population, particularly children." And "we have received reports from some communities where the success of the garden has reached the ears of teachers at different schools and also different communities who want to replicate what they have heard about. These teachers have travelled to the schools where the gardens have been established to observe, take photos of the garden and ask questions so they can then replicate. This is a great outcome!"
- Malnutrition has significantly reduced – one school has seen a reduction of 80%, another 95% – IN ONE YEAR.

In addition to the success in Vietnam FPS has produced 146 educational publications for 59 different countries.

The most recent collaboration has been with a German aid organisation called Welthungerhilfe to produce educational material form 3 large refugee camps in Sudan. These camps have been in existence for over 20 years and cater for thousands of people who have been displaced by war and/or drought.

FAO Team Leader – Chikelu Mba has said of our Ugandan field guides, "This is a worthy resource that should be replicated for every country and people struggling to feed and nourish the populace adequately – even in the midst of plenty".





Richard Miller – Rotary Club of Los Chillos Milenio Ecuador, “In closing I just want to say ‘BRAVO’ for your work in producing materials such as this guide. To me it is a perfect example of what Rotary is all about. Well done!



### Where to from here?

For more information about the activities of Food Plant Solutions and to donate to the project please go to our website. As well as information you will be able to subscribe to the FREE Food Plant Solutions newsletter to keep you up to date. <https://foodplantsolutions.org>



#Australianclimateroundtable

# WHAT'S SO IMPORTANT IT BRINGS US ALL TOGETHER?

## Australian Climate Roundtable (ACR) - [www.australianclimateroundtable.org.au](http://www.australianclimateroundtable.org.au)

*Written by Liam Carroll, HOPE researcher (VIC)*

The Australian Climate Roundtable (ACR) is a collaboration of Australian business, environmental, farmer, investor, union and social welfare groups which aims to affect change within Australia's federal climate policies. The ten groups which make up the roundtable are:

- Australian Aluminum Council
- Australian Conservation Foundation
- Australian Council of Social Service
- Australian Council of Trade Unions
- Australian Energy Council
- Australian Industry Group
- Business Council of Australia
- Investor Group on Climate Change
- National Farmers Federation
- WWF Australia

Starting in 2014, all of these members have united over their shared belief that climate change, and policy related to it, greatly impacts them and their missions. They believe that "Australia should play its fair part in global efforts to avert dangerous climate change and the serious economic, social and environmental impacts that unconstrained climate change would have on Australia."

### Main Aims

The overarching aim of the ACR is to ensure Australia does its part in working towards international efforts towards climate change agreed upon in the Paris Agreement. In particular, "holding the increase in the global average temperature to well below 2°C above pre-industrial levels and to pursue efforts to limit the temperature increase to 1.5°C above pre-industrial levels."

As climate change climate change would have drastic impacts on the environment and economy of Australia, avoiding climate change will provide important benefits and opportunities to Australia, and so it is in the best interest of everyone that climate action is as effective as possible. Since government policy on climate change which is delayed, improperly thought out or executed, or insufficiently impactful would increase the cost and difficulty of climate change reduction, the ACR has developed a set of principles which aim to deal with these issues. These principles for policy development include maintaining Australia's trade competitiveness in order to protect the economy and prevent a net increase in global emissions elsewhere, stability of policies over time, and highlighting the need for regular review of policies and targets. To view the policies in greater detail, as well as explanation and justification for the policies, follow this link to their Joint Principles PDF: [http://3.25.89.126/wp-content/uploads/2020/11/Climate\\_roundtable\\_joint\\_principles-Updated\\_November\\_2020.pdf](http://3.25.89.126/wp-content/uploads/2020/11/Climate_roundtable_joint_principles-Updated_November_2020.pdf)



### **Major Achievements**

In addition to the development of joint climate principles, the ACR has made several media statements since their inception. These statements are primarily focused on climate policy within Australia, such as support for the Paris Agreement in 2016 and 2017, and commenting on the Climate Change Bills submitted to the Senate in 2022, supporting the passing of the bills by highlighting how they fit into and follow the ACR's principles on climate policy, while also noting that they are not a complete solution for Australia's climate challenges.

The ACR also held a series of workshops in 2020. These workshops were held among ACR members to address critical issues, and afterwards were published for public use and viewing. The workshops featured statistics and messages from experts including the risks and impacts of climate change on Australia's water resources, infrastructure, and human health, featuring speakers from The Bureau of Meteorology, University of Melbourne, Australian Red Cross and others. Additionally, information was presented about how certain areas of risk could be addressed, and how addressing these areas could provide benefits to Australia beyond reduction of impact of climate change, such as highlighting energy generation and emissions within Australia, as well as carbon in other areas, such as concrete and building materials.

To find out more about the Australian Climate Roundtable, including full media statements and releases of their workshop material, visit their website at [www.australianclimateroundtable.org.au](http://www.australianclimateroundtable.org.au)

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**Accelerating Australia to a  
prosperous, zero-emissions future**

**Beyond Zero Emissions - We are an internationally recognised think tank**

[www.bze.org.au](http://www.bze.org.au)

*Written by Samy Leyton, HOPE volunteer NT*

Beyond Zero Emissions (BZE) is an organisation that catalyzes the transition to a zero-emissions Australia. In this issue, we'll delve into BZE's main aims, significant achievements, current projects and campaigns, and how you can get in touch to be a part of this transformative journey.

## Main Aims: Pioneering a Zero-Emissions Australia

At the heart of Beyond Zero Emissions' mission lies the aspiration to drive Australia towards a sustainable and carbon-neutral future. Established in 2006, BZE recognised the urgent need to combat climate change and developed a roadmap to achieve net-zero emissions. BZE's main aims can be summarised as follows:

### 1. Decarbonization:

BZE envisions a future where Australia's energy, transport, and industrial sectors are entirely decarbonized. This entails transitioning from fossil fuels, such as coal and natural gas, to renewable energy sources like solar, wind, and hydroelectric power.

### 2. Zero-Emission Buildings:

BZE is committed to transforming the built environment. This includes promoting energy-efficient building designs, sustainable construction materials, and retrofitting existing structures to meet zero-emission standards.

### 3. Sustainable Transport:

BZE believes that the future of transportation in Australia must be emissions-free. They advocate for the electrification of public transport, the promotion of electric vehicles (EVs), and the development of sustainable transport infrastructure.

### 4. Land Use and Agriculture:

BZE recognises the vital role of land use and agriculture in the climate equation. They work to promote regenerative farming practices and the protection of natural ecosystems to sequester carbon and enhance biodiversity.

### 5. Exporting Renewable Energy:

BZE is exploring opportunities to turn Australia into a renewable energy powerhouse and export excess clean energy to neighbouring countries, accelerating the global transition to a low-carbon future.

## Significant Achievements: Paving the Way for Sustainability

BZE has made significant strides towards realizing its vision of a zero-emissions Australia. Here are some of their considerable achievements:



### 1. Zero Carbon Australia Research:

BZE's groundbreaking "Zero Carbon Australia" research series has provided comprehensive blueprints for transitioning various sectors to zero emissions. These reports are invaluable resources for policymakers, industry leaders, and activists.

### 2. The Million Jobs Plan:

BZE's "Million Jobs Plan" demonstrates how transitioning to a renewable energy economy can create over a million jobs while decarbonizing the country. This ambitious initiative has gained widespread support and is a testament to the economic viability of sustainability.

### 3. Collaboration with Industry:

BZE collaborates with industry partners, helping them develop and implement sustainable practices. These partnerships are instrumental in accelerating the shift towards a green economy.

### 4. Advocacy and Education:

BZE engages in advocacy and education to raise awareness about climate change and the importance of decarbonisation. Their efforts include publications, public events, and community outreach.



## Current Projects and Campaigns: Building a Sustainable Future

BZE's current projects and campaigns are driving tangible change across Australia. Here are some highlights:

### 1. Electrifying Industry:

BZE is actively working to electrify industrial processes and encourage the use of green hydrogen. They reduce emissions and foster sustainable manufacturing by transitioning heavy industry away from fossil fuels.

### 2. Renewable Energy Advocacy:

BZE continues to advocate for the rapid expansion of renewable energy infrastructure. They are pushing for government policies that promote clean energy, including grid upgrades and support for large-scale renewable projects.

### 3. Zero-Emission Buildings:

BZE is driving the adoption of zero-emissions building standards in partnership with the building industry. Their efforts are helping to create more energy-efficient, comfortable, and sustainable homes and commercial

buildings.

### 4. Transport Revolution:

BZE is at the forefront of the electric vehicle revolution in Australia. They advocate for EV incentives, charging infrastructure expansion, and policies that make electric transportation accessible and affordable.

### 5. Community Engagement:

BZE believes that grassroots support is essential for achieving its goals. They actively engage with communities across Australia, providing resources and support for local initiatives that align with their vision.

## Contact Info: Join the Movement for a Sustainable Future

Are you inspired by Beyond Zero Emissions' mission and want to get involved? Here's how you can contact and support this dynamic organisation:

Website: Visit Beyond Zero Emissions' official website to access valuable resources, stay updated on their latest projects and learn how you can contribute: [www.bze.org.au](http://www.bze.org.au)

Subscribe: Consider becoming a member of BZE to actively participate in their campaigns and gain access to exclusive content and events: [www.bze.org.au/news-events/subscribe](http://www.bze.org.au/news-events/subscribe)

Follow on social media: Stay connected with BZE through social media platforms such as [Twitter](#) and [Facebook](#) for real-time updates, inspiring stories, and ways to engage with their community.

Beyond Zero Emissions is a beacon of hope in the fight against climate change. Their unwavering commitment to a zero-emissions future and impressive achievements demonstrate that a sustainable Australia is possible and within reach. Join BZE in its mission and be a part of the solution as we work together to create a better, cleaner, and more sustainable world for future generations.

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**IAP2 Australasia - [www.iap2.org.au](http://www.iap2.org.au)**  
Written by Maggie Ng, HOPE volunteer (Vic)

IAP2 Australasia is the peak body for the community and stakeholder sector whose mission is ***“to champion engagement that improves environmental, social and governance outcomes and to increase trust in the democratic process”***.

As part of the International Association for Public Participation, IAP2 Australasia aims to advance community engagement in the Australasian region. Their belief is that when community engagement is done well, then environmental, social and governance outcomes are improved as well as trust in the democratic process.

IAP2 defines ‘engagement’ as “an intentional process with the specific purpose of working across organisations, stakeholders, and communities to shape the decisions or actions of members of the community, stakeholders, or organisations in relation to a problem, opportunity, or outcome.”

The IAP2’s Core Values are as follows:

1. Public participation is based on the belief that those who are affected by a decision have a right to be involved in the decision-making process.
2. Public participation includes the promise that the public’s contribution will influence the decision.
3. Public participation promotes sustainable decisions by recognising and communicating the needs and interests of all participants, including decision makers.
4. Public participation seeks out and facilitates the involvement of those potentially affected by or interested in a decision.
5. Public participation seeks input from participants in designing how they participate.
6. Public participation provides participants with the information they need to participate in a meaningful way.
7. Public participation communicates to participants how their input affected the decision.

One of the organisation’s major achievements to date is co-development of a strategic plan with the community through surveys, events, dialogue and market research.

This strategic plan to support community engagement through to 2025, involves:

- Investing in the future of the profession
- Championing the evidence and value of engagement
- Providing trusted tools, case studies, resources, events to support the engagement profession
- Continuing to build a strong and sustainable organisation with measurable objectives

IAP2 are currently hosting several free events including the Young & Emerging Professionals Armchair Expert Series webinar and local networking events in Sydney and Brisbane. These events offer people the opportunity to engage and ask questions about issues of interest.

For more information, visit the website or subscribe to their free newsletter here: <https://iap2.org.au/resources/engagement-matters-newsletter/>



ARTICLE

**Reflections on the outcomes of a  
‘successful’ deliberative process  
– an ethical dilemma for practitioners**

Read more at [iap2.org.au](http://iap2.org.au)

## International News



### Global Footprint Network - [www.footprintnetwork.org](http://www.footprintnetwork.org)

Written by Cassandra Adofo-Kissi - HOPE researcher ACT.

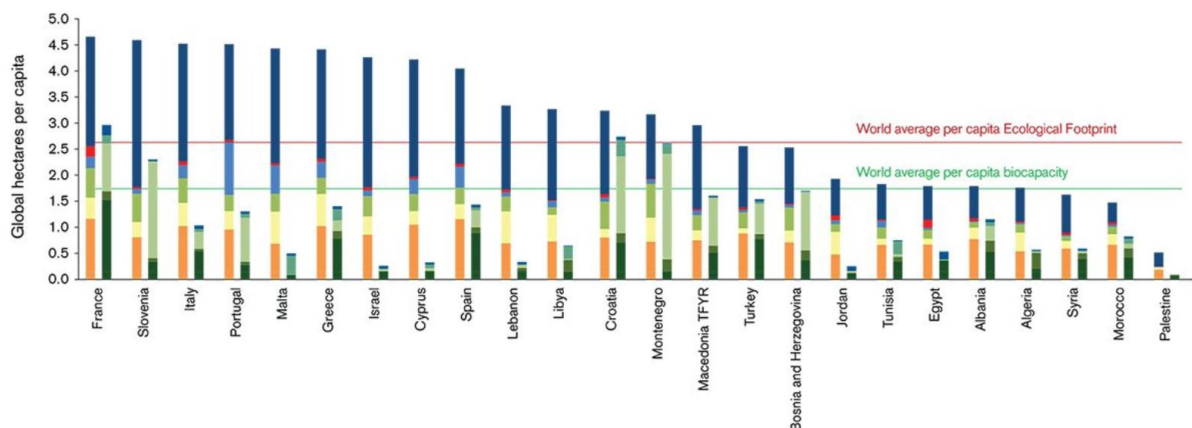
The Global Footprint Network is the ecological footprint: a comprehensive sustainability metric, created by Mathis Wackernagel and William Rees in the early 1990s as part of Wackernagel's PhD research at the University of British Columbia.

Since its inception, the Ecological Footprint concept has become a household phrase and the term footprint has become synonymous with human behaviour and its impact on our planet. It applies to humanity, countries, cities, companies, communities, and individuals. The organisation itself was established in 2003.

#### Main Aims

- Global Footprint Network aims to end Earth Overshoot Day by design, and not by disaster. They are determined to accelerate humanity's shared desire to #MoveTheDate of overshoot and leave the erosive ecological pyramid scheme that our economies are currently running with the planet. Collaboratively we all can make a change and innovate towards a one-planet prosperity.
- Global Footprint Network aims to make vital Ecological Footprint data readily available.
- The Ecological Footprint comprehensively compares human demand on nature against nature's capacity to regenerate using straightforward accounting.
- Global Footprint Network has calculated the Footprints of countries for each year that UN data has been available comprising of 1961-2018.
- In collaboration with their various partners, the Global Footprint Network, seeks to provide transparent and accurate information. By using customized calculators, detailed Footprint data, support for sustainability campaigns, or applied sustainability assessments, from products, to cities, regions, or countries.
- The goal of the Global Footprint Network is to make these engagements psychologically effective and astute, to ensure that the experiences created on these platforms inspire people and develop the enthusiasm necessary to build the future they want.

Every year people demand more from nature than it can regenerate. Individuals, communities and government leaders use our data to better manage limited resources, reduce economic risk, and improve well-being.



## Major Achievements

The impact of The Global Footprint Network since its inception in 2003 is far reaching.

Examples of this impact include:

- Helping shape sustainability policy for national cooperations including WWF Living Planet Campaign [Living Planet](#) and UNEP GEO Reports.
- Launched [#MoveTheDate Solutions map](#) to expand reach. This map is a crowd sourced social platform that has been greatly successful. Within the first 6 months it was populated with over 3000 members and hundreds of solutions.
- Partnering with over 80 countries on numerous projects and campaigns.
- Legally established as a charitable organisation in Switzerland and Italy.
- Development and launch of The Ecological Footprint Explorer (to make footprint and biocapacity data for more than 200 countries available).
- The Ecological Footprint Calculator [individual Ecological Footprint Calculator](#) (used to introduce students to sustainability) currently draws over 3 million users per year with a total of 18 million users since it was first launched in 2007.
- In 2020, Annual Earth overshoot day Campaign began in 2006 (this day marks the date when humanity has used more from nature than our planet can renew in the entire year). In 2020, reached over 4 billion media impressions across over 120 countries.
- Education Platform

Find out more about their impact, highlights from around the world, by reading their Annual Impact Reports here <https://www.footprintnetwork.org/resources/publications/#annual-report>.

To find out more about their partners and partnership network please visit their website at <https://www.footprintnetwork.org/about-us/partner-network/>

## Current Projects/Campaigns

The Global Footprint Network creates demand for sustainability through large scale engagement by:

- Showing societies everywhere that sustainability is our best success strategy by creating desire and demand.
- Global campaigns such as the Earth Overshoot Day to refocus the narrative on resource security.
- The Footprint Calculator that leads into; the Power of Possibility that profiles ways to move Earth Overshoot Day, and the [MoveTheDate platform](#) that encourages people to declare publicly the solutions they admire.
- Direct engagement with companies, cities, and countries to turn Footprint results into powerful decision-making tools.
- Projects focus on food systems, investment decisions, [ecological restoration](#), countries' competitiveness, or tourism.

The Global Footprint Network helps clients to design and execute campaigns that advance sustainability. The following is a list of projects currently being worked on by the Global Footprint Network:

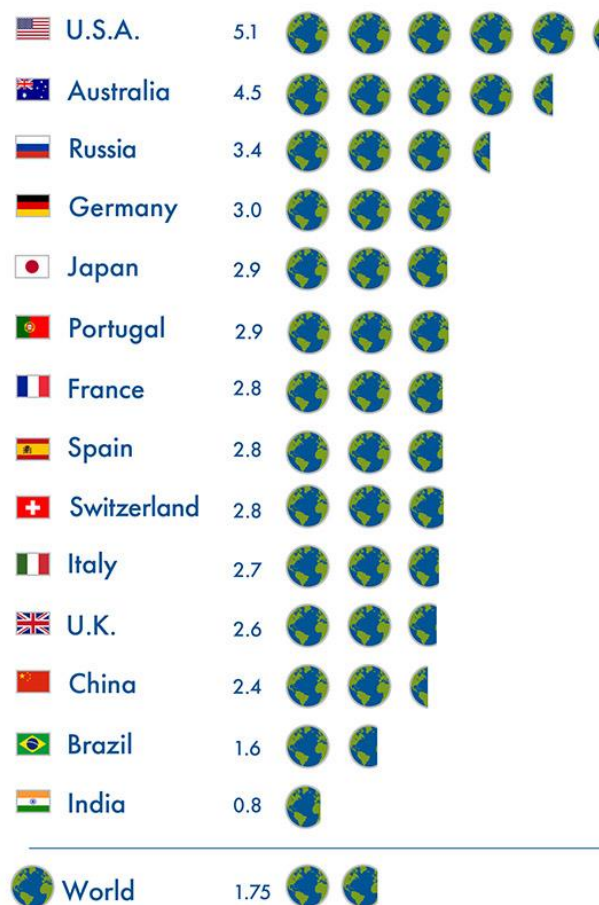
Sustainability campaigns:

- Country overshoot days
- Country campaigns

Sustainability Assessments:

- Work with clients to develop effective measurement approaches to strength their decision making.
- Regional assessments-Mediterranean Program, this includes the analyse of food and eco-tourism, city print assessments and project assessments.

## How many Earths would we need if everyone lived like U.S.A. residents?



Source: National Footprint and Biocapacity Accounts 2022  
Additional countries available at [overshootday.org/how-many-earths](https://overshootday.org/how-many-earths)

- Competitiveness Assessment- examples include the study for the Swiss government beyond their initial assessment.
- Assessing investment risks- incorporating metrics for investing risks.

#### Customised Calculators:

- Organisations can use the existing Footprint Calculator or adapt it for their own purposes for example white labelling or integrating other web products. This calculator allows organisations to build communities, recruit members and stay connected and engaged to users.



#### Detailed Footprint Data

- The National Footprint and Biocapacity accounts provide detailed insights into the resource flow of countries.
- Environmentally extended Multi regional input/output assessments:
  - Trade analyses
  - Sector assessments
  - Consumption Land Use Matrix
- Nowcasted Data: Using the newest data available or nowcasting national results to the present.

For more information about the Global Footprint Network, to support their work and for how you can get involved please visit their website: <https://www.footprintnetwork.org/>

You can view their tools and resources such as the footprint calculator in more detail here: <https://www.footprintnetwork.org/resources/>



## Resources



Mother Pelican is an online resource that provides commentary on topics of social justice and ecological issues. The main themes being:

1. Advances in Sustainable Development
2. Sustainable Development Resources
3. Strategies for Solidarity and Sustainability
4. Best Practices for Solidarity and Sustainability
5. Fostering Integral Human Development
6. Enhance Gender Relations in Society & Religion
7. Cultural Evolution for Social & Ecological Justice

Articles are written, and talks presented, by a diverse range of authors, which include physicists, ecologists and economists as well as those who are active in the public arena campaigning for improved dialogue and change in how humans live and work on the planet.

Some of the most recent articles include:

- "The Global Energy Transition: Beyond the Fossil Fuels Era" by Gary Horvitz
- "The Human Ecology of Overshoot: Why a Major Population Correction is Inevitable" by William E. Rees
- "Guidelines for Promotion and Implementation of Gender Equality and Women's Empowerment" ISO-53800 Team

Enough to tempt you into further reading?

Find out what Mother Pelican has to say, check out: [www.pelicanweb.org](http://www.pelicanweb.org)

