

IoT for Good Challenge

Internet of Things Alliance Australia (IoTAA) is launching the **IoT for Good Challenge**.

IoTAA is Australia's peak body for the Internet of Things (IoT) and we're calling for submissions from students, academics, industry, government, business, the non-profit sector and members of the community to help us define and drive **Australia's IoT priorities and agenda**. We need your points of view to generate data that will inform a program of work that benefits all Australians—whether through advocacy, technology, education or collaboration.

What is IoT?

IoT affects everyone and we want everyone to have a say. From kitchen appliances to baby monitors to sewerage pipes, the Internet of Things (IoT) connects 'things' to the internet through embedded devices. If you've scanned a barcode in a supermarket, you've interacted with IoT. Switched on the aircon using a smart phone? That's IoT in action. Did the water utility fix a pipe in your street before it actually burst? IoT again. To learn more about IoT and IoT Alliance Australia go to www.iot.org.au

Why an IoT for Good Challenge?

The fact that real-time information generated by IoT is accelerating digitalisation, disruption, technological change and innovation at breakneck speed is no secret. You don't have to look hard to find evidence of the disruption it causes every day.

IoT has already significantly affected society, workplaces and individuals—and we're only in the early stages of adoption. By 2030, the value of the IoT is likely to hit the trillions. Yet while IoT innovation enables positive economic, environmental and social change, there's also a risk that it will also reinforce biases, bad practices and even exclusion.

The questions we need to ask ourselves are: **how do we ensure those changes are for the better? Who needs to be involved? How do we ensure everyone benefits?** To get the right answers, we need to hear from everybody.

IoT for Good Challenge call for submissions

To better understand how we define and prioritise the actions that will drive the IoT for Good agenda, we're inviting you to take part in our **IoT for Good Challenge**.

You don't need to be an expert – we want to hear from students, academics, industry, the non-profit sector, government, business and importantly, members of the community.

Your submission should outline:

- what IoT for Good means to you
- what you believe to be the most the important aspect of IoT for Good for Australia
- what IoTAA should focus on and why

Format: MS Word

Word limit: 1,500 maximum

Email to: iotforgood@iot.org.au

Deadline: 31 July 2022

What happens to your submission?

Your submission will be peer reviewed by a panel of experts and will inform IoTAA's policy position and forward agenda. IoTAA will use your feedback to inform policy and work with government, regulators, businesses and consumers to implement the recommended changes. We will invite participants to continue the conversation and take part in our ongoing program of IoT for Good.

The winning submission

The winner's submission will be presented at the **2022 IoT State of the Nation** event in September 2022 and will be featured in IoTAA and our media partner's publications.

Want to know more?

IoT disruption is happening worldwide in different ways and at varying rates of adoption. We must ask ourselves how it is manifesting in Australia. We need to be clear on whether the agenda is informed by Australian priorities or are we drifting towards outcomes that don't necessarily adapt to our unique economic, environmental and social challenges? What is the risk that the disruption caused by IoT will reinforce out-of-date practices and deliver unwanted consequences?

In other words, how do we do IoT for Good in a way that ensures that the outcomes are for common good?

The scope of IoT for Good is enormous and includes effects on:

- Environment Social Governance (ESG)¹
- The UN's sustainability development goals²
- Productivity
- Employability
- Product stewardship³
- Trust in the use of digital technologies from ethical, security, privacy and safety perspectives
- Diversity and equity
- The 'digital divide'; including training, tools and services that are accessible, affordable and relevant to the vulnerable in our communities.

Your paper can address any of these issues or others that you believe are relevant to you and/or the group you represent. Defining Australia's IoT priorities and agenda in a way that ensures the outcomes are for the common good is a challenge. **Are you up for it?**

What is the Internet of Things Alliance Australia?

Internet Alliance Australia (IoTAA) is the peak industry body for IoT in Australia. Our mission is to accelerate the adoption of IoT for Australia's economic and social benefit and foster socially responsible IoT innovation. We engage with business, government, non-profits and the community and take a diverse and inclusive approach to what IoT for Good means in technology, industry and society.

¹ <https://www.asx.com.au/documents/asx-compliance/acsi-fsc-esg-reporting-guide-final-2015.pdf>

² <https://sdgs.un.org/goals>

³ <https://www.awe.gov.au/environment/protection/waste/product-stewardship/products-schemes>