

# 2024 IoT Awards

We've changed-up the IoT Awards to better reflect impact and outcomes. Here's a sneak peek at the new categories. Entries open in the first week of October. Watch this space!

## Sustainability

- **Environmental Monitoring**  
Monitoring and characterising environmental parameters to accurately quantify the impact an activity has on an environment.
- **Data for Net Zero**  
Projects and companies that use automated data to measure emissions, drive emissions reduction and inform net zero strategy and plans.
- **Energy Management**  
Systematic monitoring, controlling and optimising energy consumption to conserve use, improve efficiency and decrease energy costs.

## Productivity

- **Asset Management**  
The use of real-time data from connected assets to optimise performance over the lifecycle, including predictive maintenance.
- **Remote Monitoring (including smart metering)**  
Near real-time tracking and monitoring of 'things' and 'states'. This includes parameters such as location, movement, presence, consumption etc.
- **Industrial Automation**  
The use of connected smart devices in an industrial environment to either automate, remotely control or optimise operations and business processes.
- **Logistics and Supply Chain Management**  
The use of IoT sensor data to monitor and manage the condition of transported goods and delivery performance through the supply chain.
- **Safety and Wellbeing**  
Collecting and analysing data from sensors to improve safety and wellbeing.

## Trusted Technology and Data

- **Trusted IoT Service**  
IoT services that demonstrate trust through good security, privacy, fairness, transparency and accessibility.
- **Smart Sensing**  
Innovative sensing using devices (and edge computing) to perform predefined functions on detection of specific input and then process data before passing it on.
- **Digital Twin Innovation**  
Projects that showcase virtual representation of an object or system, is updated using real-time data and uses simulation, machine learning and reasoning to help decision-making.
- **Research**  
Research that showcases new IoT innovation and application.
- **Data Smart Transformation**  
Showcases significant business change through data smartness and IoT.