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# ROSCon 2022

## 2022 SUSTAINABILITY REPORT

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# CONFERENCE VITALS



## ABOUT ROSCON 2022

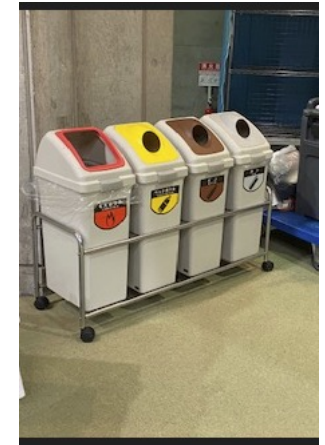
This was the first year back in person after both 2020 and 2021 were held virtually due to covid 19. The committee chose Kyoto so it would coincide with IROS, another well known robotics conference. At the time we started planning, Visas and a local sponsorship was required to gain entry into Japan. Despite these obstacles, the attendance was high and we had to close registration.

<i>Date</i>	<i>October 19-21, 2022</i>
<i>Location</i>	<i>Kyoto, Japan</i>
<i>Venue</i>	<i>Kyoto International Conference Center</i>
<i># Attendees</i>	<i>765</i>
<i># Sponsors</i>	<i>55</i>
<i>Event Features</i>	<i>4 full day workshops on October 19<sup>th</sup>. 2 session tracks on October 20 &amp; 21, 55 sponsors, meals, diversity scholarship program, welcome reception</i>

## SUSTAINABILITY ACHIEVEMENTS: ROSCON 2022

### TRASH

Japan does not have many public trash cans as they expect people to bring their trash back with them and not leave it. They do incinerate trash, however, which is captured to create energy. The venue provided separate recycling bins throughout the offices and back of house areas and had a robust separation/collection process.



### PUBLIC TRANSPORTATION

Subways and trains run throughout Japan and are the major forms of transportation. The staff and most of the attendees flew into Tokyo and took the Shinkansen to Kyoto. From Kyoto they rode the subway system to the hotels and the Kyoto Conference Center was the last subway stop heading North. Trains are the most sustainable form of public transportation, emitting 7x fewer emissions than a flight of the same distance. (DEFRA, 2022)



### FOOD WASTE

Japanese serving sizes appear to be considerably smaller than American sized servings. The bento boxes served at lunch offered a wide variety of items in bite sized pieces. This reduced overall food waste as the portions were smaller. Due to an increase in attendance close to the conference we had close down last minute registrations and had accounted for the number of boxes we had pre-ordered.



## SUSTAINABILITY ACHIEVEMENTS

### SWAG

ROSCon attendees really look forward to collecting the event swag. The event usually has t-shirts, glasses, and bags as giveaways. Since the attendance numbers rose at the last minute, we were able to give away all of the swag. We had a few lanyards left over, but these were extra unbranded ones and can be used at the next event.

### COVID 19 PROTOCOLS

Most everyone is still wearing masks and following heavy covid protocols in Japan. Because of this, individual snacks were plastic wrapped. We were able to bring out remaining snacks at the next break or mealtime so there was no food waste. We often saw attendees carrying the snacks with them.

### LINENS

As a cost saving and sustainable focused decision, we opted not to use linens on the tables in the meal space or on the tables in the session spaces.



## SUSTAINABILITY ACHIEVEMENTS: ROSCON 2022

### TANDEM EVENT WITH IROS 2022

The largest source of emissions from an event is transportation. While holding an event in Japan is inherently sustainable for the reasons listed above, it does require more travel for the majority of locations. By holding ROSCon 2022 in the same location as IROS 2022, attendees could attend both without adding to their travel emissions. This one consideration did more to reduce emissions than any other improvement aside from holding the event fully virtually!





As proud as we are of our sustainability efforts, the following are areas for continuous improvement in future event cycles:

## **WASTE MANAGEMENT**

While fewer waste bins works culturally in Japan, visitors tended to be confused about the process and could be helped to sort and discard of their waste more responsibly with front-of-house waste stations.

## **SUSTAINABILITY COMMUNICATION**

Through sustainable event planning, and by nature of being is a resource conscious country, many efforts were taken “behind the scenes” at ROSCon 2022. Providing more dedicated communication about the actions and impacts of these efforts would help tell the story of a sustainable event, while educating and inspire attendees to continue responsible actions after the event.

# EVENT SCORING

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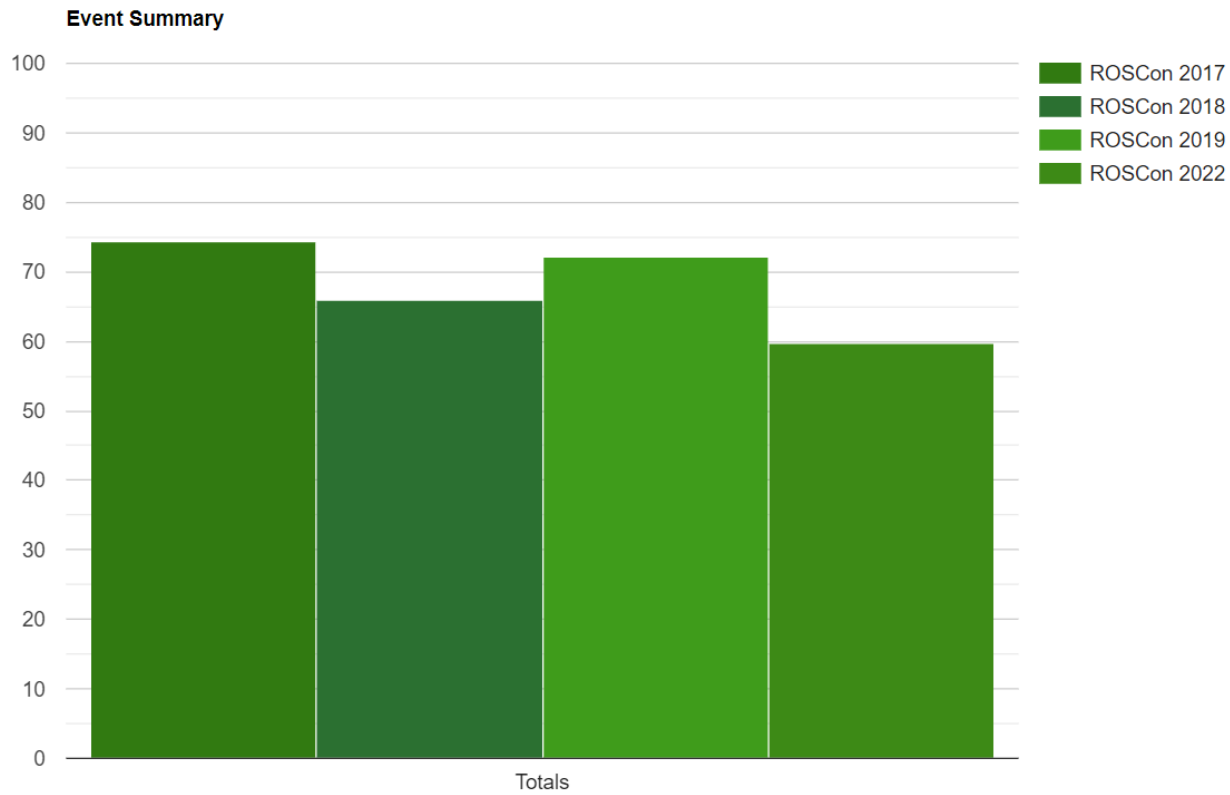


Measures, tracks and reports on performance targets using key data. Shares best practices freely with others to continuously raise the bar as well as addresses global issues with solutions that are event-specific

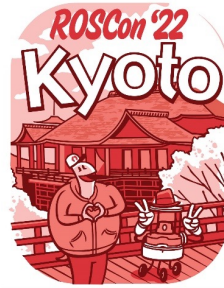
The **MeetGreen® Calculator 2.0** is a comprehensive tool available for benchmarking the sustainable elements of events. Using the Calculator allows **ROSCon** to capture valuable information throughout the event planning process in order to make it easy to see where successes lay and where improvements can be made. For **2022**, **ROSCon** achieved the level of **Leader**.



# Event Scoring



This report shows the **total calculator score for ROSCon** over a history of years. ROSCon 2020 and 2021 were held virtually due to covid 19.



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# Congratulations

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**on a successful event using  
the Earth's resources wisely!**

**PREPARED BY MEETGREEN**