

Summary of Greenhouse Gas Emissions Analysis for the Climate Solutions Festival

About ECO-OS

ECO-OS is an online ESG accounting and intelligence platform serving manufacturers, suppliers and various service sectors. The platform enables assembly and monitoring of key performance ESG indicators, integrating the company's operational data with sustainability's best-practice methodologies and analytics, providing decision makers with strategic insights alongside performance monitoring and disclosures.

Executive Summary

To minimize the climate impact of the event, the production company requested ECO-OS to model the anticipated carbon footprint of the event and recommend various alternatives for reduction. Using the ECO-OS platform, which makes use of the internationally recognized GHG Protocol and a broad range of carbon emission factors, as well as decarbonization and circular economy alternatives, ECO-OS developed two primary scenarios: a "Business as Usual" scenario comprising of conventional technologies and solutions, and an "Actual Performance" scenario that the event organizers chose to execute throughout the event planning process.

Key climate-friendly solutions implemented at the event include:

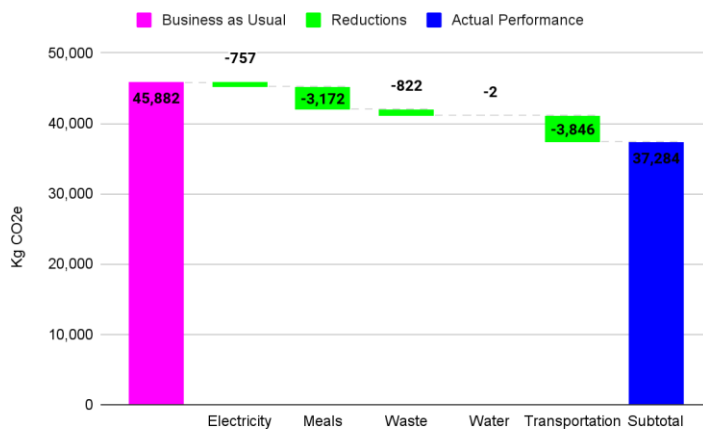
- Solar energy to replace conventional Israeli grid electricity - reduces 757 Kg CO₂e.
- A meat-free menu is offered throughout the event - reduces 3,172 Kg CO₂e.
- Organic waste, including disposable dishes, are converted into useful compost instead of being landfilled - reduces 822 Kg CO₂e.
- All the water consumed during the event is produced from humidity in the air utilizing solar energy - reduces 2 Kg CO₂e.
- The event arranged collaborative transportation options, including a shuttle from main cities and from the local train station - reduces 3,486 Kg CO₂e.

Overall, the event's carbon footprint was reduced by 20%, to provide an event carbon footprint of 37,558 Kg CO₂e.

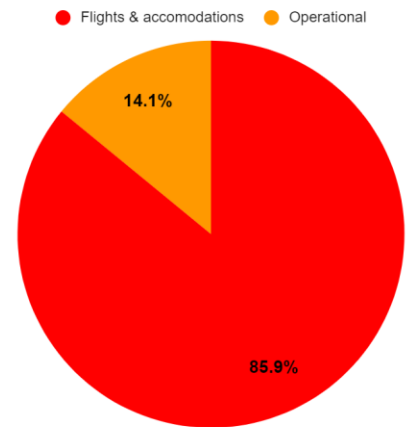
In considering the offsetting of the event's climate impact, the far more significant emissions from international travel and accommodations were also added to the event's footprint. These

amounted to 263,370 Kg CO₂e. The offsetting project by Start-Up Nation Central, KKL-JNF and JNF Canada - the planting of 550 trees in Yatir Forest in the south of Israel, to be fully budgeted as part of the event's expenses, provides a total sequestration of 330 CO₂ which ensures the event offsets emissions well beyond its negative impact, in accordance with the "More Good rather than Less Bad" approach of the event organizers.

Event's operational emissions



Total emissions



Noam Gressel

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